

学术图情动态

Library & Information Resources
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本期导览

长安大学图书馆

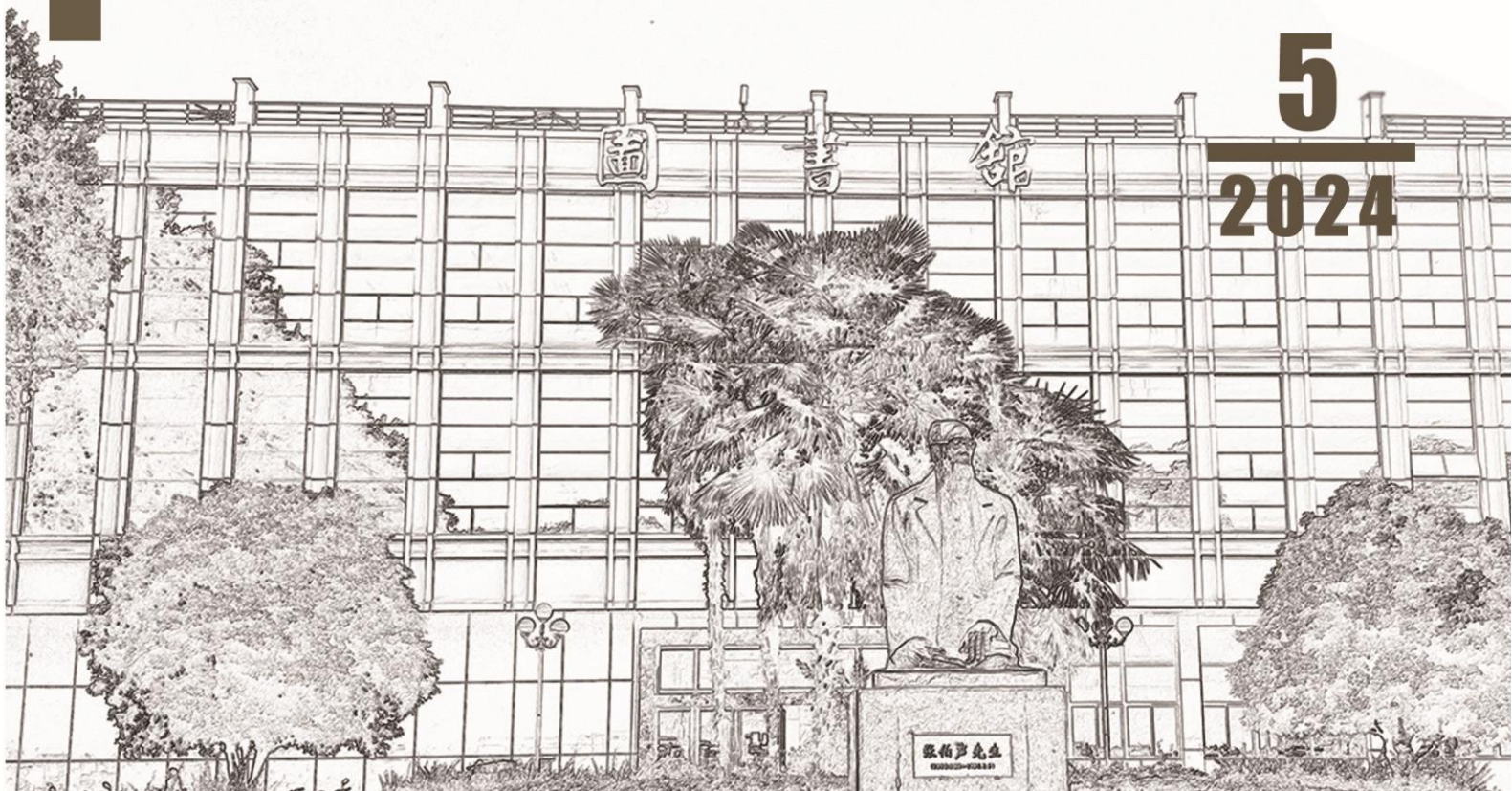
ESI月报（2024年9月）

长安大学师生Springer发文分析报告

2024年1-9月长安大学师生发表论文被Elsevier收录情况统计

5

2024





本期内容概览

（一）ESI月报（2024年9月）

根据 2024 年 9 月 12 日 ESI 更新数据显示，长安大学发表的 WOS 论文总数为 16,143 篇，总被引频次为 215,225 次，篇均被引频次为 13.33 次；ESI 高被引论文 205 篇，ESI 热点论文有 4 篇；工程学、地球科学、材料科学、环境/生态科学、一般社会科学、化学等六个学科进入 ESI 排名前 1%，其中工程学进入全球 ESI 机构排名前 1%，地球科学、材料科学、环境/生态科学均已进入全球 ESI 机构排名前 3%。本期全球进入 ESI 排名前 1% 的机构有 9379 所，长安大学排位占比约为 12.22%，比上期提升 0.54%。

（二）长安大学师生 Springer 发文分析报告

根据 Springer Insights 数据，对我校师生自 2015 年至 2024 年的 Springer 期刊发文、电子图书/章节出版数据进行统计整理与主题呈现，助力师生了解我校科研人员发文概况与科研动向，供相关部门参考。

2015 年 1 月 -2024 年 9 月长安大学在 Springer 上共计发表 2313 篇文章；长安大学在 Springer 共计出版 11 部专著、480 篇图书章节。

（三）2024 年 1-9 月长安大学师生发表论文被 Elsevier 收录情况统计

为帮助了解我校科研人员发文数据与科研动向，根据 Scopus 数据，对我校师生 2024.01.01-2024.09.30 期间发文被 Elsevier 收录情况统计，供相关部门参考。

截至 2024 年 9 月 30 日，我校师生在 Elsevier 来源期刊上共计发文 1288 篇，文章来源于 281 个刊物。

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ESI 月报（2024 年 9 月）

根据 ESI 数据库的更新时间，长安大学图书馆参考咨询部每单数月份会出具一份《长安大学 ESI 月报》，对我校 ESI 高被引论文、ESI 全球前 1% 学科、优势学科以及潜力学科的表现力进行分析，以供学校相关职能部门、各院系、教职工参考查阅。

数据源简介：

Essential Science Indicators（基本科学指标，简称 ESI）是一个基于 Web of Science 核心合集数据库的深度分析型研究工具，它可以确定出在某个研究领域有影响力的国家、机构、论文、出版物以及研究前沿。这种独特而全面的、基于论文产出和引文影响力深入分析的数据是政府机构、大学、企业、出版公司和基金会的决策者、管理者、情报分析人员和信息专家理想的分析资源，用户可以通过它对科研绩效和发展趋势进行长期的定量分析。基于期刊论文发表数量和引文数据，ESI 能够提供 22 个学科研究领域中的国家、机构和期刊的科研绩效统计和科研实力排名。

ESI 高被引论文（Highly Cited Paper）是指将最近十年发表的论文按照同一年、同一 ESI 学科论文的被引频次由高到低进行排序，排在世界前 1% 的论文。从理论上讲，如果一篇论文被引频次达到前 1% 则表明该论文达到学科较高水平，具有较高的影响力。ESI 热点论文（Hot Paper）是指最近 2 年内发表的论文且该论文在最近 2 个月内被引次数排在全球相应学科领域的前 1% 以内。

次数据统计分析时间：2024.10.8

联系电话：029-82339986

数据统计分析、编辑：尹 莉，张志惠

审核：史敏鸽

一. 本期概况

2024 年 9 月 12 日，最新一期的 ESI 数据更新，其统计数据覆盖的时间范围为 2014 年 1 月 1 日至 2024 年 6 月 30 日。数据显示本次全球上榜机构总数为 9379。中国上榜机构数为 872 所（大陆 764，台湾 89，香港 15，澳门 4）。本次中国大陆共有 469 所高校有学科进入 ESI 全球排名前 1%，详见下表 1。

表 1 2024 年 9 月进入 ESI 前 1%的 469 所中国高校（不包括港、澳、台高校）

序号	学校名称	2024 年 9 月 全球排名	2024 年 7 月 全球排名	前 1%ESI 学科数	论文总数	总引用 次数	篇均 被引	高被引论文数
1	中国科学院大学	17	17	22	209195	4285556	20.49	3818
2	清华大学	33	34	21	122623	3221338	26.27	3412
3	上海交通大学	39	40	21	149765	2918397	19.49	2476
4	浙江大学	41	41	21	149843	2905268	19.39	2644
5	北京大学	47	49	22	118894	2737280	23.02	2734
6	中山大学	73	74	21	110191	2190010	19.87	1975
7	华中科技大学	76	78	20	100177	2156800	21.53	1931
8	复旦大学	80	83	21	100833	2114451	20.97	1944
9	中国科学技术大学	95	99	18	84042	1971108	23.45	2057
10	中南大学	106	108	19	95020	1805579	19	1618
11	南京大学	111	112	21	74082	1740542	23.49	1563
12	四川大学	116	120	21	100741	1708261	16.96	1546
13	武汉大学	120	122	20	78201	1681507	21.5	1678
14	西安交通大学	124	124	19	89805	1621965	18.06	1431
15	哈尔滨工业大学	137	140	13	81132	1511857	18.63	1346
16	山东大学	141	144	20	88187	1487300	16.87	1153
17	天津大学	157	162	15	69593	1407654	20.23	1270
18	同济大学	164	170	20	73678	1375199	18.66	1164
19	华南理工大学	168	172	16	60007	1370525	22.84	1136
20	吉林大学	169	171	19	77180	1366293	17.7	1021
21	东南大学	201	202	16	70659	1229016	17.39	1064
22	郑州大学	208	211	18	64316	1193043	18.55	1465
23	苏州大学	211	210	19	53451	1176462	22.01	1010
24	北京协和医学院	232	237	16	60714	1104815	18.2	965
25	湖南大学	260	260	14	38755	1007053	25.99	1335
26	厦门大学	262	261	19	48205	1002465	20.8	936
27	大连理工大学	269	273	14	53112	978709	18.43	843
28	南开大学	275	274	17	40229	972093	24.16	1003
29	重庆大学	276	279	16	53388	966208	18.1	1007
30	北京航空航天大学	277	278	12	52443	958960	18.29	858
31	北京理工大学	288	294	12	48194	924289	19.18	1263

32	电子科技大学	305	308	16	49837	886128	17.78	1254
33	西北工业大学	306	309	12	49791	885451	17.78	968
34	深圳大学	307	310	19	43751	884181	20.21	988
35	首都医科大学	320	319	13	54220	849777	15.67	555
36	中国地质大学	330	332	11	46232	826354	17.87	766
37	北京协和医学院	349	237	15	44116	782368	17.73	597
38	北京师范大学	356	358	16	41123	764774	18.6	745
39	南京医科大学	366	367	13	45488	739401	16.25	473
40	北京科技大学	368	372	8	40261	733509	18.22	561
41	江苏大学	375	381	15	39379	714840	18.15	743
42	中国农业大学	379	383	15	35756	711000	19.88	698
43	武汉理工大学	389	395	9	30151	694873	23.05	715
44	兰州大学	396	402	17	38963	684397	17.57	498
45	中国石油大学	408	412	8	40305	668000	16.57	538
46	北京化工大学	415	415	10	24943	654761	26.25	643
47	南方医科大学	424	429	14	39085	638265	16.33	484
48	暨南大学	426	431	19	35928	636269	17.71	558
49	华东理工大学	434	438	11	29797	625049	20.98	460
50	上海大学	447	450	13	35842	614160	17.14	604
51	西北农林科技大学	454	465	14	31682	603776	19.06	537
52	华东师范大学	469	473	17	29655	591316	19.94	594
53	中国矿业大学	475	479	9	39367	585024	14.86	455
54	东北大学	483	496	10	39402	569718	14.46	429
55	青岛大学	488	497	14	31752	567703	17.88	841
56	南京理工大学	489	495	11	31786	567263	17.85	540
57	南方科技大学	490	507	14	27043	566341	20.94	710
58	南京工业大学	493	498	7	25624	565033	22.05	489
59	江南大学	504	515	10	33116	554056	16.73	468
60	南京农业大学	518	523	12	27443	542356	19.76	501
61	福州大学	553	557	12	24302	507458	20.88	580
62	南昌大学	555	556	17	31135	506991	16.28	510
63	华中农业大学	557	559	14	24365	503429	20.66	461
64	南京航空航天大学	561	565	8	34517	497858	14.42	463
65	西南大学	565	571	18	28704	493982	17.21	370
66	浙江工业大学	630	635	9	24927	437688	17.56	497
67	扬州大学	638	647	12	27381	431576	15.76	450
68	中国海洋大学	639	648	13	27762	428904	15.45	334
69	北京工业大学	648	651	11	27405	423436	15.45	354
70	南京信息工程大学	654	653	9	24318	418075	17.19	471
71	东华大学	655	656	7	18949	417727	22.04	351
72	西南交通大学	658	672	9	28365	414084	14.6	371
73	广东工业大学	659	680	7	22772	412654	18.12	520
74	温州医科大学	660	667	12	25788	411405	15.95	301
75	广州医科大学	662	669	10	21283	409562	19.24	309

76	西安电子科技大学	680	682	7	29858	403194	13.5	381
77	天津医科大学	686	689	9	23594	397214	16.84	248
78	合肥工业大学	716	727	11	24208	380170	15.7	295
79	河海大学	720	731	10	27036	378074	13.98	349
80	中国人民解放军 海军军医大学	736	733	10	18603	369719	19.87	278
81	华南农业大学	738	750	13	20574	366925	17.83	337
82	中国医科大学	741	745	10	24451	366066	14.97	219
83	华北电力大学	749	754	7	20724	363778	17.55	307
84	南京师范大学	779	786	14	19708	346814	17.6	348
85	重庆医科大学	786	790	11	23806	343544	14.43	206
86	南京林业大学	789	807	9	21986	342340	15.57	468
87	北京交通大学	799	805	8	23669	335986	14.2	281
88	广西大学	808	820	10	22754	331940	14.59	360
89	中国人民解放军 陆军军医大学	811	809	9	16196	330555	20.41	213
90	山东科技大学	823	830	7	18936	322481	17.03	377
91	哈尔滨医科大学	824	818	9	18227	322421	17.69	241
92	山东第一医科大学	825	822	9	21995	322135	14.65	197
93	中国人民解放军 空军军医大学	837	833	9	16399	316480	19.3	162
94	华南师范大学	838	842	13	19705	316001	16.04	269
95	宁波大学	840	851	13	24390	315057	12.92	253
96	西北大学	841	848	12	20106	313406	15.59	237
97	陕西师范大学	861	869	13	16858	303084	17.98	241
98	济南大学	884	893	8	15557	295423	18.99	205
99	河南大学	897	906	13	17427	291902	16.75	320
100	哈尔滨工程大学	898	907	6	20200	291026	14.41	224
101	安徽医科大学	911	918	12	20400	287390	14.09	184
102	华中师范大学	914	915	11	13604	286044	21.03	325
103	青岛科技大学	926	934	5	14650	283264	19.34	277
104	中国人民解放军 国防科技大学	934	936	6	24025	280028	11.66	203
105	中国药科大学	941	942	11	14496	277138	19.12	157
106	太原理工大学	949	961	5	18934	273537	14.45	172
107	昆明理工大学	953	968	11	21167	272831	12.89	206
108	南京邮电大学	960	965	5	16603	269734	16.25	317
109	北京林业大学	969	974	9	15775	267442	16.95	231
110	上海科技大学	970	980	9	10725	265566	24.76	310
111	广州大学	974	988	11	16301	264279	16.21	405
112	北京邮电大学	1017	1021	5	18877	248893	13.18	253
113	东北师范大学	1020	1028	9	13710	248531	18.13	188
114	安徽大学	1025	1044	10	16598	247736	14.93	243
115	山东师范大学	1045	1052	11	13731	242690	17.67	314

116	上海理工大学	1050	1070	9	17341	241326	13.92	339
117	山西大学	1053	1062	10	15624	240419	15.39	169
118	南通大学	1078	1092	9	17765	233530	13.15	183
119	福建农林大学	1085	1097	10	13145	232726	17.7	227
120	燕山大学	1138	1154	5	15213	217053	14.27	176
121	长安大学	1146	1175	6	16143	215225	13.33	205
122	福建医科大学	1151	1164	7	19480	213692	10.97	155
123	浙江师范大学	1153	1178	8	12092	213561	17.66	384
124	四川农业大学	1185	1205	10	13914	208618	14.99	180
125	中国人民大学	1192	1208	11	12953	206986	15.98	219
126	河北工业大学	1196	1241	5	15180	206041	13.57	198
127	武汉科技大学	1226	1250	6	12218	201892	16.52	166
128	东北农业大学	1227	1255	8	12026	201834	16.78	271
129	南京中医药大学	1244	1258	7	13807	199212	14.43	135
130	河南师范大学	1263	1271	6	11813	196096	16.6	184
131	浙江理工大学	1268	1284	4	13321	194881	14.63	141
132	齐鲁工业大学	1274	1301	8	13839	193372	13.97	175
133	杭州师范大学	1298	1302	13	11407	189750	16.63	257
134	湘潭大学	1304	1317	6	11678	187941	16.09	143
135	西南石油大学	1305	1330	4	13608	187515	13.78	123
136	汕头大学	1311	1322	11	11939	186965	15.66	146
137	湖南师范大学	1312	1328	11	13663	186808	13.67	155
138	海南大学	1320	1354	8	14212	185521	13.05	304
139	云南大学	1321	1340	12	15067	185386	12.3	152
140	大连医科大学	1327	1331	6	11646	184580	15.85	65
141	杭州电子科技大学	1341	1346	5	13824	181921	13.16	162
142	湖北大学	1343	1350	6	9560	181614	19	164
143	长沙理工大学	1361	1378	6	10029	176718	17.62	259
144	山东农业大学	1370	1388	6	10370	175163	16.89	154
145	贵州大学	1371	1411	7	17150	175118	10.21	253
146	天津工业大学	1397	1413	5	11186	171830	15.36	159
147	江苏科技大学	1407	1420	4	11280	170338	15.1	208
148	上海中医药大学	1414	1422	5	11866	168244	14.18	98
149	西安理工大学	1415	1435	7	13025	168056	12.9	187
150	东北林业大学	1421	1439	7	11945	167227	14	154
151	福建师范大学	1430	1446	9	10774	166014	15.41	171
152	陕西科技大学	1434	1461	5	9667	164940	17.06	180
153	西南科技大学	1441	1458	5	10006	163867	16.38	183
154	常州大学	1443	1462	4	11442	163681	14.31	170
155	湖南农业大学	1448	1463	7	8346	162852	19.51	158
156	温州大学	1466	1490	5	9022	160195	17.76	246
157	广西医科大学	1468	1471	5	12359	159738	12.92	97
158	西安建筑科技大学	1472	1497	5	11256	159126	14.14	182
159	广州中医药大学	1482	1496	7	12238	157668	12.88	85

160	曲阜师范大学	1485	1487	5	9705	157249	16.2	171
161	天津理工大学	1504	1523	4	8088	153650	19	154
162	徐州医科大学	1519	1527	7	10973	152412	13.89	98
163	河南理工大学	1523	1546	7	10998	152185	13.84	239
164	武汉工程大学	1531	1552	5	8140	151130	18.57	153
165	河北医科大学	1549	1556	6	13473	149158	11.07	74
166	大连海事大学	1568	1590	7	10772	145586	13.52	182
167	浙江农林大学	1571	1592	6	8044	144702	17.99	170
168	北京工商大学	1587	1627	6	9166	143049	15.61	180
169	华侨大学	1590	1598	6	9040	142633	15.78	112
170	天津科技大学	1591	1607	6	8490	142631	16.8	108
171	河南科技大学	1607	1638	7	11374	139218	12.24	133
172	江西师范大学	1621	1639	6	8035	138146	17.19	116
173	上海师范大学	1639	1651	7	8546	136998	16.03	137
174	河北大学	1647	1668	8	10920	136272	12.48	119
175	沈阳药科大学	1665	1672	6	8238	133978	16.26	65
176	新疆大学	1671	1716	9	11746	133343	11.35	156
177	北京中医药大学	1684	1698	4	10395	132571	12.75	79
178	聊城大学	1693	1731	4	8517	131233	15.41	159
179	首都师范大学	1698	1697	8	8729	130969	15	90
180	南华大学	1701	1741	8	10697	130572	12.21	145
181	江苏师范大学	1724	1734	8	7300	128452	17.6	111
182	黑龙江大学	1726	1742	3	6326	128404	20.3	120
183	兰州理工大学	1751	1777	3	10261	126501	12.33	102
184	香港中文大学（深圳）	1758	1798	8	6815	125948	18.48	198
185	成都理工大学	1771	1811	5	10959	124834	11.39	112
186	中北大学	1782	1816	3	9805	124056	12.65	149
187	青岛农业大学	1792	1814	7	7572	122915	16.23	110
188	中国计量大学	1825	1850	5	8463	120495	14.24	90
189	上海海洋大学	1827	1857	7	9310	120372	12.93	96
190	安徽农业大学	1841	1865	6	7898	119520	15.13	114
191	河南农业大学	1855	1886	7	8144	118528	14.55	134
192	西北师范大学	1857	1871	4	9070	118197	13.03	79
193	三峡大学	1869	1892	5	8300	117158	14.12	137
194	石河子大学	1909	1932	7	8958	114320	12.76	68
195	桂林电子科技大学	1916	1945	4	8884	113610	12.79	117
196	长江大学	1918	1947	8	10064	113381	11.27	115
197	山西医科大学	1925	1953	5	10508	112872	10.74	78
198	烟台大学	1928	1975	5	8293	112578	13.58	132
199	昆明医科大学	1958	1977	5	9032	110373	12.22	74
200	浙江中医药大学	1977	2006	3	10549	109546	10.38	70
201	广东医科大学	1988	1996	5	6637	109105	16.44	84
202	安徽师范大学	2007	2018	5	7074	107500	15.2	81
203	安徽工业大学	2014	2036	4	6966	106766	15.33	126

204	重庆邮电大学	2037	2052	4	8100	104760	12.93	142
205	西南医科大学	2043	2063	4	8425	104430	12.4	95
206	湖南科技大学	2044	2057	6	7129	104327	14.63	87
207	山东理工大学	2057	2094	5	8913	102842	11.54	88
208	浙江工商大学	2092	2119	6	6677	100976	15.12	150
209	西安科技大学	2116	2162	5	7788	98742	12.68	129
210	江西理工大学	2122	2169	4	6791	98412	14.49	115
211	上海海事大学	2129	2158	5	7134	98187	13.76	123
212	成都大学	2132	2217	6	7273	98094	13.49	250
213	桂林理工大学	2134	2176	5	7945	97932	12.33	67
214	西南财经大学	2149	2180	6	6177	97136	15.73	207
215	东莞理工学院	2152	2189	6	5493	97029	17.66	105
216	佛山大学	2165	2210	6	6297	96273	15.29	133
217	成都中医药大学	2173	2237	4	8389	95599	11.4	133
218	华北理工大学	2185	2192	5	6697	95246	14.22	82
219	广西师范大学	2205	2231	4	7165	93991	13.12	74
220	中南林业科技大学	2206	2248	6	5867	93806	15.99	107
221	青岛理工大学	2216	2269	4	6401	93265	14.57	164
222	河南工业大学	2246	2278	4	6996	91779	13.12	68
223	郑州轻工业大学	2273	2295	5	6018	90314	15.01	98
224	中南民族大学	2274	2285	4	4847	90238	18.62	67
225	苏州科技大学	2285	2349	4	7252	89530	12.35	123
226	渤海大学	2293	2304	4	4036	88772	22	217
227	湖州师范学院	2302	2320	4	6176	88176	14.28	168
228	内蒙古大学	2310	2347	5	6441	87659	13.61	88
229	广东药科大学	2343	2366	5	5878	85865	14.61	33
230	四川师范大学	2360	2373	5	5214	85272	16.35	114
231	湖北工业大学	2364	2414	5	6600	85040	12.88	89
232	南昌航空大学	2365	2409	3	5080	85029	16.74	111
233	沈阳农业大学	2368	2408	3	6429	84927	13.21	56
234	新疆医科大学	2385	2387	3	6873	84335	12.27	49
235	上海工程技术大学	2399	2430	3	7105	83846	11.8	64
236	新乡医学院	2432	2440	4	5735	82040	14.31	37
237	大连工业大学	2433	2504	5	5715	82032	14.35	97
238	哈尔滨理工大学	2456	2494	3	7106	80936	11.39	83
239	滨州医学院	2476	2506	3	5163	80165	15.53	51
240	上海电力大学	2500	2514	3	4610	79126	17.16	70
241	杭州医学院	2511	2537	3	6293	78697	12.51	72
242	安徽理工大学	2516	2568	4	7735	78290	10.12	65
243	重庆工商大学	2519	2528	4	3887	78099	20.09	107
244	吉林农业大学	2522	2552	7	6634	78025	11.76	52
245	贵州医科大学	2526	2559	3	7078	77835	11	59
246	河北农业大学	2533	2574	5	5859	77429	13.22	93
247	天津师范大学	2540	2548	4	5283	77184	14.61	58

248	湖北医药学院	2561	2558	2	4470	76192	17.05	43
249	宁波诺丁汉大学	2589	2619	5	4213	74749	17.74	82
250	兰州交通大学	2606	2634	4	5648	74157	13.13	96
251	上海应用技术大学	2619	2636	4	5619	73534	13.09	37
252	宁夏大学	2620	2669	5	6756	73484	10.88	51
253	武汉纺织大学	2630	2673	3	5063	73214	14.46	79
254	长春理工大学	2638	2652	3	7509	72920	9.71	32
255	江西农业大学	2644	2667	5	5338	72682	13.62	64
256	嘉兴大学	2659	2703	4	5724	71631	12.51	55
257	绍兴文理学院	2671	2706	5	4915	71204	14.49	120
258	宁夏医科大学	2707	2721	3	5234	69822	13.34	48
259	天津中医药大学	2717	2742	3	5315	69516	13.08	48
260	辽宁大学	2753	2778	3	4835	67997	14.06	54
261	哈尔滨师范大学	2770	2793	3	3603	67475	18.73	75
262	遵义医科大学	2775	2812	3	6189	67303	10.87	26
263	西湖大学	2782	2870	4	3754	66937	17.83	140
264	盐城工学院	2796	2837	4	4711	66567	14.13	53
265	河北师范大学	2798	2822	3	5333	66553	12.48	47
266	台州学院	2806	2847	6	4621	66422	14.37	122
267	中国人民解放军 陆军工程大学	2808	2814	3	6151	66383	10.79	30
268	西交利物浦大学	2831	2863	4	4746	65503	13.8	88
269	浙江海洋大学	2852	2923	5	4589	64670	14.09	115
270	上海财经大学	2855	2893	4	4792	64541	13.47	116
271	湖南工业大学	2871	2899	3	3287	64083	19.5	117
272	临沂大学	2872	2915	4	4682	64026	13.67	70
273	鲁东大学	2907	2947	6	5148	63179	12.27	45
274	西华师范大学	2927	2943	5	3921	62625	15.97	59
275	重庆师范大学	2943	2966	4	4684	62274	13.3	87
276	华东交通大学	3004	3042	3	5255	60173	11.45	69
277	广东海洋大学	3014	3066	4	5596	59914	10.71	55
278	东华理工大学	3035	3069	4	4958	59139	11.93	34
279	昆山杜克大学	3055	3039	1	1305	58675	44.96	49
280	西安工业大学	3056	3098	3	4718	58656	12.43	78
281	青海大学	3057	3091	5	5484	58638	10.69	35
282	信阳师范大学	3067	3068	3	3920	58264	14.86	35
283	山西农业大学	3070	3099	3	5157	58148	11.28	46
284	中国人民解放军 空军工程大学	3074	3084	2	5149	57951	11.25	46
285	山东中医药大学	3075	3150	2	5470	57921	10.59	45
286	武汉轻工大学	3076	3117	4	3826	57903	15.13	37
287	南京财经大学	3104	3180	4	3886	56969	14.66	95
288	山东第二医科大学	3110	3142	2	4916	56762	11.55	31
289	成都信息工程大学	3113	3139	3	4626	56711	12.26	45

290	北京建筑大学	3123	3188	2	4080	56383	13.82	69
291	江汉大学	3130	3167	5	3602	56202	15.6	39
292	云南师范大学	3155	3187	3	4551	55603	12.22	57
293	集美大学	3189	3246	3	5011	54901	10.96	47
294	重庆理工大学	3219	3266	3	4759	54300	11.41	52
295	太原科技大学	3225	3282	3	4541	54153	11.93	102
296	东北石油大学	3242	3281	3	4808	53635	11.16	55
297	淮北师范大学	3266	3267	3	2574	52997	20.59	60
298	重庆交通大学	3272	3333	1	5465	52874	9.68	43
299	延边大学	3277	3278	3	4095	52738	12.88	21
300	河北科技大学	3279	3305	3	4119	52714	12.8	40
301	对外经济贸易大学	3282	3325	4	3747	52608	14.04	110
302	五邑大学	3287	3329	3	3301	52479	15.9	39
303	长春工业大学	3288	3306	3	3911	52378	13.39	21
304	西安医学院	3289	3296	2	4260	52362	12.29	25
305	沈阳工业大学	3300	3376	3	5174	52103	10.07	55
306	济宁医学院	3305	3304	2	3978	51974	13.07	28
307	淮阴工学院	3313	3342	3	3583	51709	14.43	52
308	海南医科大学	3322	3365	2	5103	51335	10.06	56
309	中南财经政法大学	3357	3440	5	4019	50454	12.55	105
310	中央财经大学	3383	3439	3	3953	50062	12.66	53
311	甘肃农业大学	3387	3477	3	4697	49869	10.62	34
312	吉林师范大学	3405	3448	3	3131	49647	15.86	44
313	四川轻化工大学	3440	3491	3	4215	48926	11.61	30
314	南阳师范学院	3445	3452	3	2505	48837	19.5	37
315	蚌埠医科大学	3487	3516	2	4211	48028	11.41	27
316	江西财经大学	3490	3512	5	2988	48015	16.07	63
317	辽宁师范大学	3492	3517	2	4399	47994	10.91	42
318	西华大学	3506	3566	2	5052	47732	9.45	42
319	东北电力大学	3527	3582	1	3829	47337	12.36	85
320	内蒙古农业大学	3548	3585	3	4742	46765	9.86	15
321	洛阳师范学院	3567	3578	1	3098	46176	14.91	42
322	淮阴师范学院	3572	3585	3	2949	46130	15.64	51
323	锦州医科大学	3583	3598	2	3753	45948	12.24	18
324	云南农业大学	3584	3616	2	3834	45907	11.97	38
325	辽宁科技大学	3589	3628	3	3979	45848	11.52	41
326	闽江学院	3597	3639	1	3187	45632	14.32	42
327	辽宁工业大学	3608	3604	2	2037	45414	22.29	100
328	湖南中医药大学	3610	3646	2	3599	45402	12.62	33
329	河北工程大学	3613	3653	2	4017	45284	11.27	27
330	重庆文理学院	3623	3655	3	3030	44960	14.84	23
331	中央民族大学	3630	3651	3	2666	44860	16.83	55
332	山东建筑大学	3659	3738	2	4606	44347	9.63	40
333	安徽工程大学	3703	3798	3	4070	43606	10.71	63

334	桂林医学院	3727	3745	2	3231	43161	13.36	15
335	延安大学	3755	3801	3	3448	42714	12.39	57
336	华北水利水电大学	3765	3830	2	5116	42579	8.32	36
337	广东石油化工学院	3767	3814	3	2542	42517	16.73	60
338	仲恺农业工程学院	3782	3856	3	3189	42202	13.23	74
339	浙江财经大学	3787	3820	3	2836	42155	14.86	58
340	山西师范大学	3792	3817	1	3869	42037	10.87	19
341	辽宁石油化工大学	3799	3829	3	3020	41933	13.89	30
342	江西中医药大学	3812	3851	2	3463	41702	12.04	28
343	江西科技师范大学	3820	3839	2	2722	41502	15.25	33
344	西南民族大学	3830	3868	2	3221	41309	12.82	39
345	皖南医学院	3872	3915	2	3563	40620	11.4	31
346	吉首大学	3875	3909	2	2212	40587	18.35	79
347	大连大学	3881	3891	1	3317	40492	12.21	21
348	西安邮电大学	3889	3932	2	3922	40346	10.29	46
349	内蒙古医科大学	3902	3904	1	3190	40110	12.57	19
350	沈阳航空航天大学	3948	3984	2	3161	39116	12.37	44
351	上海纽约大学	3969	3988	2	2088	38665	18.52	33
352	内蒙古科技大学	3982	4032	2	3563	38453	10.79	19
353	天津城建大学	4010	4053	3	2664	38025	14.27	18
354	北方民族大学	4034	4091	2	3014	37659	12.49	75
355	西南林业大学	4035	4104	2	3529	37655	10.67	36
356	南京工程学院	4039	4090	2	3900	37630	9.65	21
357	东北财经大学	4076	4100	2	2101	37041	17.63	53
358	中国民航大学	4091	4120	2	3450	36821	10.67	71
359	西安石油大学	4101	4150	3	4103	36673	8.94	19
360	天津大学--新加坡国立大学福州联合学院	4122	4253	2	1140	36337	31.87	82
361	贵州师范大学	4128	4192	1	4054	36235	8.94	33
362	长江师范学院	4139	4179	3	2542	36128	14.21	28
363	厦门理工学院	4141	4171	1	3370	36113	10.72	22
364	川北医学院	4180	4225	1	3925	35533	9.05	18
365	河南科技学院	4187	4235	2	3144	35467	11.28	41
366	湖北文理学院	4191	4226	2	2612	35340	13.53	39
367	福建理工大学	4195	4267	2	3087	35302	11.44	30
368	深圳职业技术大学	4208	4288	3	2807	35130	12.52	33
369	常熟理工学院	4217	4266	3	3011	35029	11.63	28
370	内蒙古工业大学	4229	4291	2	3912	34904	8.92	23
371	山东财经大学	4237	4282	3	2653	34823	13.13	68
372	西安工程大学	4252	4325	2	3518	34626	9.84	38
373	浙江科技大学	4258	4312	1	3565	34531	9.69	48
374	中原工学院	4272	4300	2	2776	34374	12.38	35
375	大连民族大学	4275	4313	1	2553	34339	13.45	30
376	齐齐哈尔大学	4283	4339	3	2843	34269	12.05	24

377	成都医学院	4287	4309	1	3021	34233	11.33	19
378	广西民族大学	4298	4331	2	2871	34148	11.89	49
379	湖北师范大学	4339	4367	2	2473	33353	13.49	36
380	安徽中医药大学	4352	4415	2	3157	33181	10.51	23
381	江苏海洋大学	4358	4412	2	3007	33140	11.02	23
382	安阳师范学院	4396	4365	2	1677	32664	19.48	14
383	上海健康医学院	4411	4449	1	2922	32478	11.11	23
384	安徽建筑大学	4414	4459	2	3189	32469	10.18	40
385	重庆科技大学	4425	4535	2	3283	32239	9.82	34
386	沈阳化工大学	4426	4478	3	2736	32225	11.78	17
387	福建中医药大学	4436	4440	2	2619	32074	12.25	6
388	河南中医药大学	4460	4509	2	3399	31731	9.34	8
389	江苏理工学院	4470	4539	3	2873	31626	11.01	27
390	海南师范大学	4491	4550	1	3087	31434	10.18	31
391	黑龙江中医药大学	4496	4501	2	2717	31403	11.56	9
392	徐州工程学院	4532	4604	1	2034	30932	15.21	71
393	赣南师范大学	4543	4571	1	2235	30890	13.82	29
394	中国人民解放军 火箭军工程大学	4555	4587	1	2575	30724	11.93	28
395	宝鸡文理学院	4611	4621	2	1872	30178	16.12	38
396	宁波工程学院	4626	4665	3	2252	29914	13.28	23
397	安徽财经大学	4639	4717	3	1719	29740	17.3	109
398	湖北理工学院	4641	4609	1	1532	29734	19.41	18
399	北京信息科技大学	4643	4702	1	3469	29711	8.56	34
400	广东外语外贸大学	4647	4694	2	2480	29663	11.96	50
401	中国人民解放军战略支 援部队信息工程大学	4652	4668	2	3826	29596	7.74	27
402	西藏大学	4698	4750	1	1973	29143	14.77	30
403	湖北中医药大学	4710	4740	2	2219	28992	13.07	20
404	石家庄铁道大学	4771	4838	1	3271	28294	8.65	16
405	北方工业大学	4854	4882	1	2967	27445	9.25	27
406	天津商业大学	4865	4925	2	2268	27322	12.05	45
407	大连海洋大学	4867	4885	1	2567	27309	10.64	8
408	长沙学院	4880	4914	1	1771	27200	15.36	31
409	北京石油化工学院	4905	4903	1	1908	26901	14.1	11
410	辽宁工程技术大学	4924	5000	1	3453	26722	7.74	21
411	赣南医科大学	4932	4975	1	2667	26629	9.98	15
412	大连交通大学	4958	4962	2	2412	26411	10.95	27
413	南昌工程学院	4968	4994	1	1928	26350	13.67	44
414	闽南师范大学	4970	4959	2	2146	26339	12.27	12
415	长春中医药大学	4974	4995	2	2672	26303	9.84	15
416	广西中医药大学	4975	4980	2	2455	26282	10.71	11
417	深圳技术大学	4976	5068	2	2545	26262	10.32	42
418	沈阳师范大学	4982	4989	1	2154	26167	12.15	20

419	大理大学	4983	4983	1	2353	26143	11.11	45
420	泉州师范学院	4992		2	1631	25998	15.94	31
421	黑龙江八一农垦大学	5004	5037	2	2575	25825	10.03	19
422	南京审计大学	5041	5067	2	2297	25435	11.07	33
423	上海体育大学	5054	5085	2	2492	25326	10.16	13
424	陕西中医药大学	5056	5083	2	2522	25321	10.04	7
425	首都经济贸易大学	5127	5214	3	2218	24475	11.03	53
426	新疆农业大学	5129	5175	2	2571	24454	9.51	11
427	景德镇陶瓷大学	5143	5143	1	1541	24370	15.81	13
428	上海第二工业大学	5226	5261	1	1458	23531	16.14	31
429	云南民族大学	5264	5270	1	2106	23181	11.01	5
430	北京农学院	5265	5293	2	1741	23179	13.31	18
431	湖北民族大学	5372	5377	1	1748	22295	12.75	26
432	广西科技大学	5381	5472	1	2455	22210	9.05	35
433	湖南工商大学	5390	5455	1	1350	22129	16.39	84
434	中国人民解放军 海军工程大学	5416	5435	1	2877	21922	7.62	18
435	郑州航空工业管理学院	5421	5454	1	1540	21860	14.19	32
436	沈阳建筑大学	5536	5571	1	2033	20977	10.32	16
437	安庆师范大学	5591	5590	1	1805	20446	11.33	12
438	浙大城市学院	5617	5708	1	2574	20269	7.87	29
439	深圳信息职业技术学院	5644	5678	1	1290	19999	15.5	34
440	云南财经大学	5722	5730	1	1418	19341	13.64	35
441	吉林建筑大学	5742	5812	2	1726	19203	11.13	21
442	北京联合大学	5763	5774	1	1900	19073	10.04	9
443	吉林化工学院	5777	5814	1	1374	18983	13.82	18
444	山东航空学院	5800	5816	1	1539	18848	12.25	14
445	湖南理工学院	5845	5870	1	1595	18497	11.6	22
446	合肥大学	5858	5886	1	1723	18414	10.69	11
447	湖南工程学院	5896	5927	1	1534	18156	11.84	21
448	西京学院	5954	6024	1	1961	17657	9	29
449	湖北经济学院	5986	6029	2	1184	17339	14.64	46
450	辽宁中医药大学	6040	6027	2	1351	16964	12.56	5
451	北京师范大学-香港浸会 大学联合国际学院	6045	6080	1	1196	16933	14.16	33
452	齐齐哈尔医学院	6055	6040	1	1553	16858	10.86	3
453	广东技术师范大学	6081	6142	1	2000	16652	8.33	16
454	贵州财经大学	6269		1	1643	15532	9.45	65
455	济宁学院	6362		1	1062	14948	14.08	14
456	广东财经大学	6371		1	1527	14912	9.77	19
457	山东工商学院	6385	6431	1	1475	14846	10.07	41
458	内蒙古科技大学 包头医学院	6440	6450	1	1127	14501	12.87	13
459	山东交通学院	6456	6478	1	1542	14404	9.34	8

460	曲靖师范学院	6614	6621	1	1163	13611	11.7	34
461	长治医学院	6629	6614	1	1294	13528	10.45	10
462	牡丹江医科大学	6650	6612	1	1233	13403	10.87	2
463	甘肃中医药大学	6714		1	1475	13007	8.82	12
464	天津职业技术师范大学	6971	6959	1	1305	11702	8.97	8
465	湖北汽车工业学院	6983	7190	1	973	11654	11.98	68
466	承德医学院	7002	6985	1	1370	11505	8.4	7
467	华北科技学院	7162	7165	1	1015	10811	10.65	14
468	浙江水利水电学院	7166	7193	1	1000	10792	10.79	25
469	上海外国语大学	7749	7779	1	1247	8510	6.82	9

二．长安大学 ESI 高被引论文情况

本次 ESI 统计数据显示，全球位列 ESI 高水平研究机构总数为 9379，我校位列 1146 位，ESI 全球排位 12.22%，较上期上涨 0.54%，长安大学全球排位百分比继续保持平稳上升趋势，进入全球 ESI 机构排名千分之二；中国位列 ESI 全球高水平研究机构总数为 872 所，我校位列 166 位，ESI 中国机构排位 19.04%，较上期上涨 0.61%。

1. 高被引、热点论文概况

本期长安大学共有六个学科进入 ESI 前 1% 排名，分别是工程学 (Engineering)、地球科学 (Geoscience)、材料科学 (Materials Science)、环境/生态科学 (Environment/Ecology)、一般社会科学 (Social Science , General)、化学 (Chemistry)。本次数据统计覆盖范围内，我校发表的 WOS 论文总数为 16,143，总被引频次为 215,225 次，篇均被引频次为 13.33 次，较前几期数据同样有所提升；其中 ESI 高被引论文有 205 篇（发表的年代分布见图 1），比上期（198 篇）增加 7 篇。我校作为第一作者单位发表的 ESI 高被引论文有 127 篇（其中包括作为第一通讯作者发表的 ESI 高被引论文 9 篇），作为合作单位发表的 ESI 高被引论文数为 78 篇。

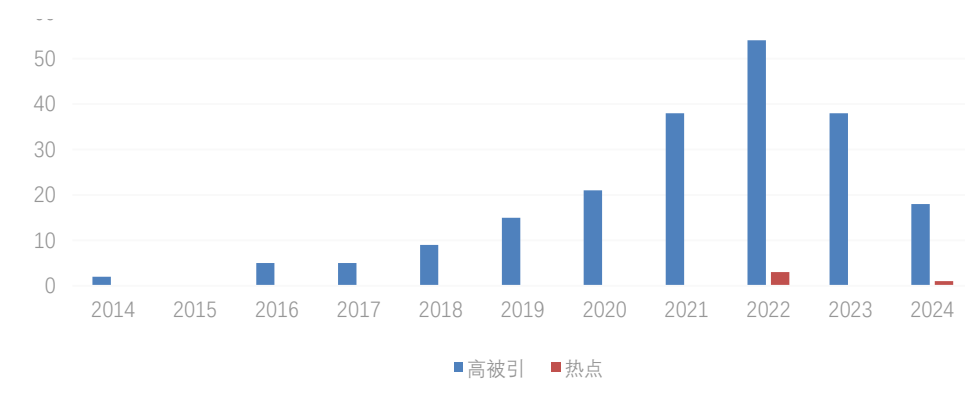


图 1 2024 年 9 月长安大学 ESI 高被引论文、热点论文的年代分布

这些 ESI 高被引论文分布在：工程学领域 68 篇，环境/生态科学领域 32 篇，地球科学领域 30 篇，化学领域 18 篇，经济与商业领域 16 篇，一般社会科学 15 篇，材料科学领域 10 篇，计算机科学领域 7 篇，数学领域 3 篇，农业科学领域 3 篇，生物学与生物化学领域 1 篇，心理学/精神病学领域 1 篇，植物学与动物学领域 1 篇。

本期我校 ESI 热点论文有 4 篇（较上期 4 篇持平），热点论文分布在：工程学领域 1 篇，地球科学领域 1 篇，一般社会科学 1 篇，材料科学领域 1 篇。其中 3 篇为我校第一作者发表，1 篇为与其他单位合作发表。

2. 高被引、热点论文的院系分布

2.1 高被引发文分析

本期我校 205 篇 ESI 高被引论文的院系分布情况：

水利与环境学院 55 篇（其中第一作者单位论文数 41 篇，合作发表论文数 14 篇；“第一作者单位”包括第一通讯作者单位，下同），位居首位；

经济与管理学院 39 篇（其中第一作者单位论文数 18 篇，合作发表论文数 21 篇）；

公路学院 22 篇（其中第一作者单位论文数 15 篇，合作发表论文数 7 篇）；

信息工程学院 18 篇（其中第一作者单位论文数 13 篇，合作发表论文数 5 篇）；

地质工程与测绘学院 16 篇（其中第一作者单位论文数 6 篇，合作发表论文数 10 篇）；

材料科学与工程学院 10 篇（其中第一作者单位论文数 5 篇，合作发表论文数 5 篇）；

建筑工程学院 13 篇（其中第一作者单位论文数 10 篇，合作发表论文数 3 篇）；

地球科学与资源学院 9 篇（其中第一作者单位论文数 4 篇，合作发表论文数 5 篇）；

工程机械学院 8 篇（其中第一作者单位论文数 4 篇，合作发表论文数 4 篇）；

汽车学院 7 篇（其中第一作者单位论文数 5 篇，合作发表论文数 2 篇）；

电子与控制工程学院 2 篇（其中第一作者单位论文数 2 篇）；

能源与电气工程学院 2 篇（合作发表论文数 2 篇）；

土地工程学院 1 篇（其中第一作者单位论文数 1 篇）；

理学院 1 篇（其中第一作者单位论文数 1 篇）；

建筑学院 1 篇（其中第一作者单位论文数 1 篇）；

人文学院 1 篇（其中第一作者单位论文数 1 篇）。

从 ESI 数据可以看出：本期长安大学高被引论文数量较上期增加 7 篇。其中以长安大学为第一作者单位发文的数量为 127，较上期增加 3 篇。本期经济与管理学院、公路学院、地质工程与测绘学院、建筑工程学院、能源与电气工程学院高被引文章数量有所增加；水利与环境学院、信息工程学院、材料科学与工程学院高被引文章数量略有减少。

2.2 热点论文分析

本期我校 ESI 热点论文 4 篇，其学院分布为：

公路学院 1 篇（第一作者 1 篇）；

建筑工程学院 1 篇（第一作者 1 篇）；

经济与管理学院 1 篇（第一作者 1 篇）；

地质工程与测绘学院 1 篇（合作 1 篇）。

我校近 10 期 ESI 高被引论文和 ESI 热点论文的院系分布变化情况可参考表 2 和表 3。

统计方法：下表在统计高被引论文和热点论文的学院分布时，未区分第一作者单位、通讯作者。

表 2 近 10 期长安大学 ESI 高被引论文院系分布情况

ESI 更新时间	公路 学院	水利与 环境学 院	汽车 学院	信息工 程学院	地质工 程与测 绘学院	材料科 学与工 程学院	地球科 学与资 源学院	理学院	工程机 械学院	经济管 理学院	建筑工 程学院	人文 学院	建筑 学院	电子与 控制工 程学院	土地工 程学院	运输工 程学院	马克思 主义学 院	能源与 电气工 程学院
2023.3.9	19	69	12	11	13	10	3	2	3	30	8	1	1	1	2	2	1	
2023.5.11	18	69	13	11	13	12	3	1	3	33	9	1	1		2	1	1	
2023.7.13	20	71	10	11	13	14	3	1	3	34	11	1	1		2	2	1	
2023.9.14	24	68	11	11	10	12	5	1	5	37	11	1	1		2	2		
2023.11.9	20	70	10	11	10	11	8	2	6	39	12	1	1	1	2	1		1
2024.1.12	20	69	9	12	13	12	6	2	7	38	13	1	2	1	2			1
2024.3.15	19	61	7	13	14	12	7	2	7	38	12	1	2	2	2			1
2024.5.9	18	58	7	14	17	11	8	2	8	40	10	1	1	2	1			1
2024.7.11	21	56	7	19	15	11	8	1	8	37	9	1	1	2	1			1
2024.9.12	22↑	55	7	18	16↑	10	9↑	1	8	39↑	13↑	1	1	2	1			2↑

表 3 近 10 期长安大学 ESI 热点论文院系分布情况

ESI 更新时间	公路学院	信息工程学院	汽车学院	地质工程与测绘学院	水利与环境学院	经济与管理学院	理学院	建筑工程学院	地球科学与资源学院	运输工程学院	材料科学与工程学院	建筑学院	工程机械学院	土地工程学院
2023.3.9		1			3	3		1			1	1		
2023.5.11	2	1		1		2		1						
2023.7.13	1					2		1			1			
2023.9.14	2		1								1		1	1
2023.11.9	1				3	1		1	1				2	
2024.1.12		1	1		2	3					1			
2024.3.15	1		1	1		1							1	
2024.5.9	5	1			1			2	1		1		1	
2024.7.11	2	1											1	
2024.9.12	1			1		1		1						

3. 高被引、热点论文作者

在本期 205 篇高被引文章中，127 篇为第一作者发表（包括通讯第一作者）。从 ESI 高被引论文的作者分布来看，共 92 位作者的文章进入各自领域前 1%，比上期 91 位增加 1 位；19 位作者 ESI 高被引文章≥2 篇。对其院系分布、高被引论文数量（仅限第一作者署名、第一单位为长安大学）进行了统计分析详见表 4，并以学院为单位列出 ESI 高被引论文概要信息见表 5。

表 4 2024 年 9 月长安大学 ESI 高被引论文作者分布情况
(仅统计第一作者署名第一单位为长安大学的作者)

作者姓名	所属学院	高被引文章数量
Li, Peiyue	水利与环境学院	7
Adimalla, Narsimha	水利与环境学院	4
Yu, Zhang	经济与管理学院	4
Zheng, Mingbo	经济与管理学院	4
Han, Yanhu	经济与管理学院	3
He, Song	水利与环境学院	3
Huang, Hua	建筑工程学院	3
Min, Haigen	信息工程学院	3
Zhao, Ke	工程机械学院	3
Bao, Han	公路学院	2
Guo, Jingru	水利与环境学院	2
He, Xiaodong	水利与环境学院	2
Li, Ming	建筑工程学院	2
Qin, Yiwen	公路学院	2
Wang, Qizhao	水利与环境学院	2
Wu, Jianhua	水利与环境学院	2
Zhang, Jingxiao	经济与管理学院	2
Zhao, Xiangmo	信息工程学院	2
Zhu, Qi	水利与环境学院	2
Bai, Lin	电子与控制工程学院	1
Cai, Jie	人文学院	1
Cao, Hongye	地质工程与测绘学院	1
Cao, Zhou	水利与环境学院	1
Chen, Jie	水利与环境学院	1

作者姓名	所属学院	高被引文章数量
Chen, Zhanming	汽车学院	1
Ding, Kai	工程机械学院	1
Fang, Yukun	信息工程学院	1
Fida, Misbah	水利与环境学院	1
Gao, Tao	信息工程学院	1
Gao, Wande	水利与环境学院	1
Gao, Yanyan	水利与环境学院	1
Gao, Ziqian	水利与环境学院	1
Guo, Jian	地质工程与测绘学院	1
Guo, Yajie	材料科学与工程学院	1
Guo, Yanan	水利与环境学院	1
He, Jiaojie	建筑工程学院	1
He, Yixu	信息工程学院	1
Heng, Ziling	理学院	1
Hui, Fei	信息工程学院	1
Jia, Meng	公路学院	1
Jiang, Wei	公路学院	1
Kang, LiuWang	汽车学院	1
Khan, Syed Abdul Rehman	经济与管理学院	1
Kong, Fanlei	公路学院	1
Li, Liangzhi	地质工程与测绘学院	1
Li, Liuxin	材料科学与工程学院	1
Li, Wei	信息工程学院	1
Li, Wencong	经济与管理学院	1
Li, Yan	水利与环境学院	1
Li, Yi	经济与管理学院	1
Li, Zhonghao	公路学院	1
Lin, Liangguo	地球科学与资源学院	1
Liu, Jingwei	公路学院	1
Liu, Xiaojie	地质工程与测绘学院	1
Luo, Pingping	水利与环境学院	1
Peng, Jianbing	地质工程与测绘学院	1
Shi, Ke	公路学院	1
Sikder, Mukut	经济与管理学院	1

作者姓名	所属学院	高被引文章数量
Sun, Shijie	信息工程学院	1
Sun, Yongchang	水利与环境学院	1
Wang, Xuechun	水利与环境学院	1
Wang, Yang	地球科学与资源学院	1
Wang, Yuanhang	水利与环境学院	1
Wang, Zhou	水利与环境学院	1
Wei, Junji	材料科学与工程学院	1
Wei, Lulu	汽车学院	1
Wei, Xindong	土地工程学院	1
Wu, Hao	水利与环境学院	1
Wu, Wangjie	公路学院	1
Wu, Zhenxiao	地球科学与资源学院	1
Xie, Shaobo	汽车学院	1
Xing, Chengwei	公路学院	1
Xu, Haicheng	经济与管理学院	1
Xu, Zhigang	信息工程学院	1
Yao, Yifan	建筑工程学院	1
Yu, Kan Hua	建筑学院	1
Yuan, Dongdong	公路学院	1
Yuan, Yujie	建筑工程学院	1
Zan, Wenbo	公路学院	1
Zhang, Qixiao	水利与环境学院	1
Zhang, Wei	信息工程学院	1
Zhang, Wenxue	材料科学与工程学院	1
Zhang, Xinrong	地球科学与资源学院	1
Zhang, Yuting	水利与环境学院	1
Zhao, Chuanlian	建筑工程学院	1
Zhao, Gaowen	公路学院	1
Zhao, Qinyang	材料科学与工程学院	1
Zhao, Xuan	汽车学院	1
Zhou, Luping	水利与环境学院	1
Zhu, Liya	电子与控制工程学院	1
Zhu, Wu	地质工程与测绘学院	1
Zhuang, Jianqi	建筑工程学院	1

表 5 2024 年 9 月长安大学各二级学院 ESI 高被引论文作者分布情况
(仅统计第一作者且第一单位为长安大学的作者/通讯作者)

学院	作者	来源期刊	文献类型	发表年份
材料科学与工程学院	Guo, Yajie	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	Article	2021
材料科学与工程学院	Li, Liuxin	ADVANCED FUNCTIONAL MATERIALS	Article	2023
材料科学与工程学院	Wei, Junji	PROGRESS IN POLYMER SCIENCE	Review	2020
材料科学与工程学院	Zhang, Wenxue	JOURNAL OF ENERGY CHEMISTRY	Article	2023
材料科学与工程学院	Zhao, Qinyang	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING	Review	2022
地球科学与资源学院	Lin, Liangguo	REMOTE SENSING	Article	2023
地球科学与资源学院	Wang, Yang	JOURNAL OF PETROLEUM SCIENCE AND ENGINEERING	Article	2022
地球科学与资源学院	Wu, Zhenxiao	ORE GEOLOGY REVIEWS	Review	2023
地球科学与资源学院	Zhang, Xinrong	LAND USE POLICY	Article	2022
地质工程与测绘学院	Cao, Hongye	HARMFUL ALGAE	Article	2022
地质工程与测绘学院	Guo, Jian	LANDSLIDES	Article	2022
地质工程与测绘学院	Li, Liangzhi	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING	Article	2023
地质工程与测绘学院	Liu, Xiaojie	ENGINEERING GEOLOGY	Article	2021
地质工程与测绘学院	Peng, Jianbing	JOURNAL OF ASIAN EARTH SCIENCES	Article	2019
地质工程与测绘学院	Zhu, Wu	IEEE GEOSCIENCE AND REMOTE SENSING LETTERS	Article	2022
电子与控制工程学院	Bai, Lin	IEEE JOURNAL OF SELECTED TOPICS IN APPLIED EARTH OBSERVATIONS AND REMOTE SENSING	Article	2023
电子与控制工程学院	Zhu, Liya	SIGNAL PROCESSING	Article	2022
工程机械学院	Ding, Kai	INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH	Article	2019
工程机械学院	Zhao, Ke	RELIABILITY ENGINEERING & SYSTEM SAFETY	Article	2023
工程机械学院	Zhao, Ke	ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE	Article	2023
工程机械学院	Zhao, Ke	KNOWLEDGE-BASED SYSTEMS	Article	2023
公路学院	Bao, Han	CATENA	Article	2024
公路学院	Bao, Han	JOURNAL OF STRUCTURAL GEOLOGY	Article	2024
公路学院	Jia, Meng	ENERGY AND BUILDINGS	Article	2023
公路学院	Jiang, Wei	INTERNATIONAL JOURNAL OF PAVEMENT ENGINEERING	Article	2022

学院	作者	来源期刊	文献类型	发表年份
公路学院	Kong, Fanlei	THIN-WALLED STRUCTURES	Article	2022
公路学院	Li, Zhonghao	COMPUTERS & STRUCTURES	Article	2024
公路学院	Liu, Jingwei	COMPUTER-AIDED CIVIL AND INFRASTRUCTURE ENGINEERING	Article	2020
公路学院	Qin, Yiwen	TUNNELLING AND UNDERGROUND SPACE TECHNOLOGY	Article	2023
公路学院	Qin, Yiwen	ENGINEERING FAILURE ANALYSIS	Review	2024
公路学院	Shi, Ke	CONSTRUCTION AND BUILDING MATERIALS	Article	2024
公路学院	Wu, Wangjie	CONSTRUCTION AND BUILDING MATERIALS	Article	2024
公路学院	Xing, Chengwei	JOURNAL OF CLEANER PRODUCTION	Review	2023
公路学院	Yuan, Dongdong	APPLIED ENERGY	Article	2023
公路学院	Zan, Wenbo	CONSTRUCTION AND BUILDING MATERIALS	Article	2024
公路学院	Zhao, Gaowen	JOURNAL OF CLEANER PRODUCTION	Article	2023
建筑工程学院	He, Jiaojie	CHEMICAL ENGINEERING JOURNAL	Article	2020
建筑工程学院	Huang, Hua	SOIL DYNAMICS AND EARTHQUAKE ENGINEERING	Article	2022
建筑工程学院	Huang, Hua	STRUCTURE AND INFRASTRUCTURE ENGINEERING	Article	2021
建筑工程学院	Huang, Hua	JOURNAL OF STRUCTURAL ENGINEERING	Article	2020
建筑工程学院	Li, Ming	JOURNAL OF STRUCTURAL ENGINEERING	Article	2023
建筑工程学院	Li, Ming	JOURNAL OF BUILDING ENGINEERING	Article	2022
建筑工程学院	Yao, Yifan	STRUCTURES	Article	2023
建筑工程学院	Yuan, Yujie	INTERNATIONAL JOURNAL OF CONCRETE STRUCTURES AND MATERIALS	Article	2021
建筑工程学院	Zhao, Chuanlian	SCIENCE OF THE TOTAL ENVIRONMENT	Review	2021
建筑工程学院	Zhuang, Jianqi	ENGINEERING GEOLOGY	Article	2018
建筑学院	Yu, Kan Hua	ENVIRONMENTAL IMPACT ASSESSMENT REVIEW	Article	2021
经济与管理学院	Han, Yanhu	JOURNAL OF CIVIL ENGINEERING AND MANAGEMENT	Article	2023
经济与管理学院	Han, Yanhu	ENGINEERING CONSTRUCTION AND ARCHITECTURAL MANAGEMENT	Review	2023
经济与管理学院	Han, Yanhu	JOURNAL OF CIVIL ENGINEERING AND MANAGEMENT	Article	2022
经济与管理学院	Khan, Syed Abdul Rehman	JOURNAL OF CLEANER PRODUCTION	Article	2018
经济与管理学院	Li, Wencong	PACIFIC-BASIN FINANCE JOURNAL	Article	2024

学院	作者	来源期刊	文献类型	发表年份
经济与管理学院	Li, Yi	TRANSPORTATION RESEARCH PART D-TRANSPORT AND ENVIRONMENT	Article	2019
经济与管理学院	Sikder, Mukut	SCIENCE OF THE TOTAL ENVIRONMENT	Article	2022
经济与管理学院	Xu, Haicheng	ENVIRONMENTAL IMPACT ASSESSMENT REVIEW	Article	2022
经济与管理学院	Yu, Zhang	SUSTAINABLE DEVELOPMENT	Article	2021
经济与管理学院	Yu, Zhang	TECHNOLOGICAL FORECASTING AND SOCIAL CHANGE	Article	2022
经济与管理学院	Yu, Zhang	BUSINESS STRATEGY AND THE ENVIRONMENT	Article	2022
经济与管理学院	Yu, Zhang	OPERATIONS MANAGEMENT RESEARCH	Article	2022
经济与管理学院	Zhang, Jingxiao	SUSTAINABLE CITIES AND SOCIETY	Article	2021
经济与管理学院	Zhang, Jingxiao	SUSTAINABLE CITIES AND SOCIETY	Article	2020
经济与管理学院	Zheng, Mingbo	FINANCIAL INNOVATION	Article	2023
经济与管理学院	Zheng, Mingbo	BUSINESS STRATEGY AND THE ENVIRONMENT	Article	2023
经济与管理学院	Zheng, Mingbo	ENERGY ECONOMICS	Article	2021
经济与管理学院	Zheng, Mingbo	OECONOMIA COPERNICANA	Article	2023
理学院	Heng, Ziling	FINITE FIELDS AND THEIR APPLICATIONS	Article	2018
汽车学院	Chen, Zhanming	FUEL	Article	2021
汽车学院	Kang, LiuWang	APPLIED ENERGY	Article	2014
汽车学院	Wei, Lulu	THIN-WALLED STRUCTURES	Article	2020
汽车学院	Xie, Shaobo	APPLIED ENERGY	Article	2019
汽车学院	Zhao, Xuan	TRANSPORTATION RESEARCH PART D-TRANSPORT AND ENVIRONMENT	Article	2020
人文学院	Cai, Jie	SCIENCE OF THE TOTAL ENVIRONMENT	Article	2021
水利与环境学院	Adimalla, Narsimha	ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY	Article	2019
水利与环境学院	Adimalla, Narsimha	EXPOSURE AND HEALTH	Article	2019
水利与环境学院	Adimalla, Narsimha	HUMAN AND ECOLOGICAL RISK ASSESSMENT	Article	2019
水利与环境学院	Adimalla, Narsimha	ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY	Article	2021
水利与环境学院	Cao, Zhou	APPLIED CLAY SCIENCE	Article	2021
水利与环境学院	Chen, Jie	EXPOSURE AND HEALTH	Article	2017
水利与环境学院	Fida, Misbah	EXPOSURE AND HEALTH	Review	2023
水利与环境学院	Gao, Wande	ECOLOGICAL INDICATORS	Article	2022
水利与环境学院	Gao, Yanyan	JOURNAL OF CLEANER PRODUCTION	Article	2020
水利与环境学院	Gao, Ziqian	APPLIED CATALYSIS B-ENVIRONMENTAL	Article	2020

学院	作者	来源期刊	文献类型	发表年份
水利与环境学院	Guo, Jingru	CHEMICAL SCIENCE	Article	2021
水利与环境学院	Guo, Jingru	JOURNAL OF HAZARDOUS MATERIALS	Article	2021
水利与环境学院	Guo, Yanan	EXPOSURE AND HEALTH	Article	2022
水利与环境学院	He, Song	CHEMOSPHERE	Article	2022
水利与环境学院	He, Song	ENVIRONMENTAL POLLUTION	Article	2022
水利与环境学院	He, Song	EXPOSURE AND HEALTH	Article	2019
水利与环境学院	He, Xiaodong	EXPOSURE AND HEALTH	Review	2020
水利与环境学院	He, Xiaodong	HUMAN AND ECOLOGICAL RISK ASSESSMENT	Article	2019
水利与环境学院	Li, Peiyue	JOURNAL OF EARTH SCIENCE	Article	2024
水利与环境学院	Li, Peiyue	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	Article	2017
水利与环境学院	Li, Peiyue	EXPOSURE AND HEALTH	Article	2016
水利与环境学院	Li, Peiyue	ARABIAN JOURNAL OF GEOSCIENCES	Article	2016
水利与环境学院	Li, Peiyue	EXPOSURE AND HEALTH	Article	2019
水利与环境学院	Li, Peiyue	EXPOSURE AND HEALTH	Article	2019
水利与环境学院	Li, Peiyue	HUMAN AND ECOLOGICAL RISK ASSESSMENT	Article	2019
水利与环境学院	Li, Yan	APPLIED CATALYSIS B-ENVIRONMENTAL	Article	2022
水利与环境学院	Luo, Pingping	ENVIRONMENTAL MODELLING & SOFTWARE	Article	2022
水利与环境学院	Sun, Yongchang	BIORESOURCE TECHNOLOGY	Article	2022
水利与环境学院	Wang, Qizhao	APPLIED CATALYSIS B-ENVIRONMENTAL	Article	2020
水利与环境学院	Wang, Qizhao	APPLIED CATALYSIS B-ENVIRONMENTAL	Article	2020
水利与环境学院	Wang, Xuechun	CHEMICAL ENGINEERING JOURNAL	Article	2023
水利与环境学院	Wang, Yuanhang	ENVIRONMENTAL RESEARCH	Article	2022
水利与环境学院	Wang, Zhou	JOURNAL OF CLEANER PRODUCTION	Article	2022
水利与环境学院	Wu, Hao	INTERNATIONAL JOURNAL OF CLIMATOLOGY	Article	2017
水利与环境学院	Wu, Jianhua	GEOCHEMISTRY	Article	2020
水利与环境学院	Wu, Jianhua	EXPOSURE AND HEALTH	Article	2016
水利与环境学院	Zhang, Qixiao	CHEMOSPHERE	Article	2022
水利与环境学院	Zhang, Yuting	ENVIRONMENTAL EARTH SCIENCES	Article	2018
水利与环境学院	Zhou, Luping	APPLIED CATALYSIS B-ENVIRONMENTAL	Article	2021
水利与环境学院	Zhu, Qi	JOURNAL OF HAZARDOUS MATERIALS	Article	2020
水利与环境学院	Zhu, Qi	APPLIED CATALYSIS B-ENVIRONMENTAL	Article	2019
土地工程学院	Wei, Xindong	ECOLOGICAL INDICATORS	Article	2022

学院	作者	来源期刊	文献类型	发表年份
信息工程学院	Fang, Yukun	IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS	Article	2022
信息工程学院	Gao, Tao	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING	Article	2023
信息工程学院	He, Yixu	IEEE TRANSACTIONS ON INTELLIGENT VEHICLES	Article	2024
信息工程学院	Hui, Fei	APPLIED AND COMPUTATIONAL MATHEMATICS	Article	2016
信息工程学院	Li, Wei	STRUCTURAL CONTROL & HEALTH MONITORING	Article	2020
信息工程学院	Min, Haigen	ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE	Article	2024
信息工程学院	Min, Haigen	VEHICULAR COMMUNICATIONS	Article	2023
信息工程学院	Min, Haigen	EXPERT SYSTEMS WITH APPLICATIONS	Article	2023
信息工程学院	Sun, Shijie	IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE	Article	2021
信息工程学院	Xu, Zhigang	TRANSPORTATION RESEARCH PART C-EMERGING TECHNOLOGIES	Article	2018
信息工程学院	Zhang, Wei	MEDITERRANEAN JOURNAL OF MATHEMATICS	Article	2016
信息工程学院	Zhao, Xiangmo	EXPERT SYSTEMS WITH APPLICATIONS	Article	2024
信息工程学院	Zhao, Xiangmo	IEEE SENSORS JOURNAL	Article	2020

在本期 4 篇热点文章中，3 篇为第一作者发表，相关概要信息参见表 6。

表 6 2024 年 9 月长安大学各二级学院 ESI 热点论文作者分布情况
(仅统计第一作者且第一单位为长安大学的作者/通讯作者)

学院	作者	期刊	类型	时间
公路学院	Wu, Wangjie	CONSTRUCTION AND BUILDING MATERIALS	Article	2024
建筑工程学院	Huang, Hua	SOIL DYNAMICS AND EARTHQUAKE ENGINEERING	Article	2022
经济与管理学院	Xu, Haicheng	ENVIRONMENTAL IMPACT ASSESSMENT REVIEW	Article	2022

4. 高被引论文来源期刊

对 205 篇 ESI 高被引论文的来源期刊进行分析后,统计了 126 种来源期刊的名称、发文数量和影响因子（表 7）。其中，*EXPOSURE AND HEALTH* 是我校 ESI 高被引论文发文量最高的期刊，不含自引的期刊影响因子为 4.2，发表高被引论文为 10 篇；不含自引的期刊影响因子最高的期刊为 *PROGRESS IN*

POLYMER SCIENCE，不含自引的期刊影响因子高达 25.7，发表的高被引论文有 1 篇。通过期刊规范化的引文影响力(Journal Normalized Citation Impact, JNCI)数值可以看到，我校 ESI 高被引论文的 126 种期刊的 JNCI 值都大于或等于 1，表明我校在这些期刊上发表的高被引论文的影响力均高于这些期刊的平均影响力。图 2 展示了本期我校 205 篇 ESI 高被引论文的 126 种来源期刊的分区占比情况，其中 Q1 区的占比最高（86.51%），Q2 区其次，两个区的占比达 94.44%，其他占比 5.56%（没有分区的期刊 7 种），这表明我校本期 ESI 高被引论文来源期刊的质量有了较大幅度的提升。

表 7 本期长安大学 ESI 高被引论文的 126 种来源期刊列表（按被引频次排序）

期刊名称	按被引频次的排名	Web of Science 论文数	被引频次	期刊影响因子分区	期刊影响因子	不含自引的期刊影响因子	期刊规范化的引文影响力
EXPOSURE AND HEALTH	1	10	2187	Q1	4.5	4.2	5.615
APPLIED CATALYSIS B-ENVIRONMENTAL	2	10	1617				2.345
SCIENCE OF THE TOTAL ENVIRONMENT	3	4	946	Q1	8.2	7.3	7.4125
JOURNAL OF CLEANER PRODUCTION	4	7	817	Q1	9.7	9	5.45
HUMAN AND ECOLOGICAL RISK ASSESSMENT	5	3	620	Q2	3	2.9	9.22
SUSTAINABLE DEVELOPMENT	6	4	579	Q1	9.9	8.3	4.5175
CHEMICAL ENGINEERING JOURNAL	7	5	577	Q1	13.3	12.1	4.404
APPLIED ENERGY	8	3	572	Q1	10.1	9.1	4.56
JOURNAL OF HAZARDOUS MATERIALS	9	4	520	Q1	12.2	11.4	3.1525
NANO ENERGY	10	2	495	Q1	16.8	15.8	3.455
BUSINESS STRATEGY AND THE ENVIRONMENT	11	4	468	Q1	12.5	10.8	4.645
THIN-WALLED STRUCTURES	12	4	434	Q1	5.7	4.8	6.4425
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH	13	2	426	Q1	7	5.8	6.3
ENGINEERING GEOLOGY	14	3	398	Q1	6.9	6.1	5.88
ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY	15	2	339	Q1	6.2	5.9	7.005
SUSTAINABLE CITIES AND SOCIETY	16	2	328	Q1	10.5	9.1	4.66
JOURNAL OF ENVIRONMENTAL MANAGEMENT	17	2	310	Q1	8	7.6	5.95
TRANSPORTATION RESEARCH PART C-EMERGING TECHNOLOGIES	18	1	296	Q1	7.6	6.7	5.41
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	19	1	267			4.5	12.23

期刊名称	按被引频 次的排名	Web of Science 论文数	被引频次	期刊影响 因子分区	期刊影响 因子	不含自引 的期刊影 响因子	期刊规范化 的引文 影响力
ENVIRONMENTAL EARTH SCIENCES	20	1	265	Q2	2.8	2.6	17.84
CATALYSIS SCIENCE & TECHNOLOGY	21	1	246	Q2	4.4	4.2	7.16
MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES	22	1	242	Q1	6.1	5.4	2.41
MICROSTRUCTURE AND PROCESSING							
SCIENCE BULLETIN	23	1	236	Q1	18.8	18.3	5.09
ARABIAN JOURNAL OF GEOSCIENCES	24	1	235				21.65
INTERNATIONAL JOURNAL OF LOGISTICS-RESEARCH AND APPLICATIONS	25	2	234	Q1	4.5	4.1	7.425
FUEL	26	3	233	Q1	6.7	5.7	3.9567
INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	27	1	220				6.75
IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE	28	1	214	Q1	20.8	19.6	2.83
IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS	29	1	204	Q1	7.5	6.5	6.51
ECOLOGICAL INDICATORS	30	2	200	Q1	7	6.2	8.13
OPERATIONS MANAGEMENT RESEARCH	31	2	199	Q1	6.9	5.8	6.76
COMPUTER-AIDED CIVIL AND INFRASTRUCTURE ENGINEERING	32	1	194	Q1	8.5	6	5.24
CATENA	33	2	192	Q1	5.4	4.9	9.54
ENERGY ECONOMICS	34	2	191	Q1	13.6	11.9	3.115
KNOWLEDGE-BASED SYSTEMS	35	2	186	Q1	7.2	6.5	12.675
TRANSPORTATION RESEARCH PART D-TRANSPORT AND ENVIRONMENT	36	2	185	Q1	7.3	6.4	3.08
PROGRESS IN POLYMER SCIENCE	37	1	182	Q1	26	25.7	1.66
STRUCTURAL CONTROL & HEALTH MONITORING	38	1	180	Q1	4.6	4.2	8.68
ACS SUSTAINABLE CHEMISTRY & ENGINEERING	39	1	179	Q1	7.1	6.7	8.46
RISK ANALYSIS	40	1	178	Q1	3	2.6	10.18
INTERNATIONAL JOURNAL OF CLIMATOLOGY	41	1	177	Q2	3.5	3.2	4.2
JOURNAL OF STRUCTURAL ENGINEERING	42	2	174	Q1	3.7	3.4	9.97
IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS	42	2	174	Q1	7.9	6.8	4.605
ENGINEERING STRUCTURES	44	1	169	Q1	5.6	4.7	11.39
CHEMOSPHERE	45	2	165	Q1	8.1	7.9	6.23

期刊名称	按被引频 次的排名	Web of Science 论文数	被引频次	期刊影响 因子分区	期刊影响 因子	不含自引 的期刊影 响因子	期刊规范化 的引文 影响力
INTERNATIONAL JOURNAL OF PAVEMENT ENGINEERING	46	1	164	Q1	3.4	3.1	11.01
JOURNAL OF ADVANCED CERAMICS	47	1	159	Q1	18.6	16.6	1.82
CHEMICAL SCIENCE	48	1	154	Q1	7.6	7.3	7.52
GEOSCIENCE FRONTIERS	49	2	151	Q1	8.5	8.2	4.05
IEEE SENSORS JOURNAL	50	1	145	Q1	4.3	3.5	9.19
RESOURCES POLICY	51	2	142			7.7	3.12
JOURNAL OF ASIAN EARTH SCIENCES	52	1	140	Q2	2.7	2.5	9.83
STRUCTURE AND INFRASTRUCTURE ENGINEERING	53	1	133	Q2	2.6	2.4	9.62
INFORMATION SCIENCES	54	1	131			5.7	6.23
IEEE INTERNET OF THINGS JOURNAL	55	1	130	Q1	8.2	7.3	5.04
JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	56	1	128	Q1	14.4	13.4	5.03
ANNALS OF OPERATIONS RESEARCH	57	1	127	Q1	4.4	3.9	11.05
PLOS ONE	58	1	123	Q1	2.9	2.8	15.29
IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING	58	3	123	Q1	7.5	5.4	5.24
GEOCHEMISTRY	60	1	119	Q2	2.6	2.5	8.22
ENVIRONMENTAL IMPACT ASSESSMENT REVIEW	61	2	118	Q1	9.8	8.1	2.775
INTERNATIONAL JOURNAL OF CONCRETE STRUCTURES AND MATERIALS	62	1	116	Q1	3.6	3.4	11.18
ADVANCED COMPOSITES AND HYBRID MATERIALS	63	1	114	Q1	23.2	20.5	2.6
ROBOTICS AND COMPUTER-INTEGRATED MANUFACTURING	64	1	112	Q1	9.1	8.1	4.41
ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE	65	2	109	Q1	7.5	6	24.365
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING	66	2	108	Q1	4.2	3.5	43.405
APPLIED AND COMPUTATIONAL MATHEMATICS	67	1	104	Q1	4.6	4	6.08
BIORESOURCE TECHNOLOGY	67	1	104	Q1	9.7	8.2	4.03
ORE GEOLOGY REVIEWS	69	2	99	Q1	3.2	2.4	6.86
JOURNAL OF ENVIRONMENTAL SCIENCES	70	1	98	Q1	5.9	5.8	8.7
MEDITERRANEAN JOURNAL OF MATHEMATICS	70	1	98	Q1	1.1	1	11.82
JOURNAL OF CIVIL ENGINEERING AND MANAGEMENT	72	2	97	Q1	4.3	4.1	11.78

期刊名称	按被引频 次的排名	Web of Science 论文数	被引频次	期刊影响 因子分区	期刊影响 因子	不含自引 的期刊影 响因子	期刊规范化 的引文 影响力
ENVIRONMENTAL POLLUTION	73	1	96	Q1	7.6	7.2	8.17
APPLIED CLAY SCIENCE	74	1	94	Q1	5.3	4.8	6.16
GEOCHIMICA ET COSMOCHIMICA ACTA	75	1	91	Q1	4.5	3.8	6.83
JOURNAL OF AFFECTIVE DISORDERS	75	1	91	Q1	4.9	4.6	6.98
ROCK MECHANICS AND ROCK ENGINEERING	77	1	90	Q1	5.5	4.8	5.97
ENVIRONMENTAL MODELLING & SOFTWARE	78	1	88	Q1	4.8	4.2	11.72
ENVIRONMENTAL RESEARCH	79	1	87	Q1	7.7	7.2	7.02
EXPERT SYSTEMS WITH APPLICATIONS	80	2	83	Q1	7.5	6.4	9.95
RENEWABLE ENERGY	81	1	80	Q1	9	8.2	4.81
JOURNAL OF BUILDING ENGINEERING	82	1	78	Q1	6.7	5.7	6.91
FINITE FIELDS AND THEIR APPLICATIONS	83	1	77	Q1	1.2	0.9	8.41
JOURNAL OF ENERGY CHEMISTRY	83	2	77	Q1	14	12.2	3.36
JOURNAL OF BRIDGE ENGINEERING	85	1	73	Q2	3.1	2.8	13.23
MARINE AND PETROLEUM GEOLOGY	86	1	72	Q1	3.7	3.1	6.99
JOURNAL OF PETROLEUM SCIENCE AND ENGINEERING	86	1	72				6.04
AGRICULTURAL AND FOREST METEOROLOGY	88	1	66	Q1	5.6	5	6.76
RELIABILITY ENGINEERING & SYSTEM SAFETY	89	1	65	Q1	9.4	6	9.18
SIGNAL PROCESSING	90	1	64	Q2	3.4	3.1	12.6
SOCIO-ECONOMIC PLANNING SCIENCES	90	1	64	Q1	6.2	5.5	5.51
ENGINEERING CONSTRUCTION AND ARCHITECTURAL MANAGEMENT	90	1	64	Q1	3.6	3	8.73
TECHNOLOGICAL FORECASTING AND SOCIAL CHANGE	93	1	63	Q1	12.9	11.6	2.92
GEOPHYSICAL RESEARCH LETTERS	94	1	60	Q1	4.6	4.2	7.42
DEVELOPMENTS IN THE BUILT ENVIRONMENT	95	1	57	Q1	6.2	5.5	3.38
CONSTRUCTION AND BUILDING MATERIALS	95	3	57	Q1	7.4	5.6	22.87
IEEE GEOSCIENCE AND REMOTE SENSING LETTERS	97	1	52	Q1	4	3.7	6.9
ADVANCED FUNCTIONAL MATERIALS	98	1	51	Q1	18.5	17.4	4.59
GISCIENCE & REMOTE SENSING	99	1	50	Q1	6	5.6	4.18
LANDSLIDES	100	1	49	Q1	5.8	5.3	4.51
ENERGY AND BUILDINGS	101	1	48	Q1	6.6	5.7	10.38
REMOTE SENSING OF ENVIRONMENT	101	1	48	Q1	11.1	10.2	2.69

期刊名称	按被引频 次的排名	Web of Science 论文数	被引频次	期刊影响 因子分区	期刊影响 因子	不含自引 的期刊影 响因子	期刊规范化 的引文 影响力
INTERNATIONAL JOURNAL OF MINING SCIENCE AND TECHNOLOGY	101	1	48	Q1	11.7	10.6	2.08
ENERGY & FUELS	104	1	46	Q1	5.2	4.4	5.33
HARMFUL ALGAE	105	1	36	Q1	5.5	4.8	4.31
LAND USE POLICY	106	1	33	Q1	6	5.7	3.13
INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER	107	1	32	Q1	5	4.4	8.48
VEHICULAR COMMUNICATIONS	107	1	32	Q1	5.8	5.4	10.81
STRUCTURES	107	1	32	Q1	3.9	3.1	11.35
IEEE JOURNAL OF SELECTED TOPICS IN APPLIED EARTH OBSERVATIONS AND REMOTE SENSING	110	1	28	Q1	4.7	4.2	8.25
TUNNELLING AND UNDERGROUND SPACE TECHNOLOGY	110	1	28	Q1	6.7	5.5	5.93
JOURNAL OF RETAILING AND CONSUMER SERVICES	112	1	24	Q1	11	8.6	3.21
REMOTE SENSING	113	1	23	Q1	4.2	3.2	8.72
OECONOMIA COPERNICANA	114	1	22	Q1	7.6	7.3	4.32
FINANCIAL INNOVATION	115	1	21	Q1	6.9	5.9	4.47
ECOLOGICAL INFORMATICS	116	1	13	Q1	5.8	4.7	12.06
ENGINEERING FAILURE ANALYSIS	116	1	13	Q1	4.4	3.7	5.2
COMPUTERS & STRUCTURES	118	1	12	Q1	4.4	4.1	22.15
MEASUREMENT SCIENCE AND TECHNOLOGY	119	1	11	Q1	2.7	2.1	21.02
IEEE TRANSACTIONS ON INTELLIGENT VEHICLES	120	1	10	Q1	14	8.4	5.22
ADVANCED ENERGY MATERIALS	120	1	10	Q1	24.4	23.3	4.48
PACIFIC-BASIN FINANCE JOURNAL	122	1	7	Q1	4.8	4.3	14.58
TRAVEL BEHAVIOUR AND SOCIETY	122	1	7	Q1	5.1	4.6	21.6
JOURNAL OF STRUCTURAL GEOLOGY	124	1	6	Q2	2.6	2.1	14.35
JOURNAL OF EARTH SCIENCE	124	1	6	Q1	4.1	3.7	6.79
GEOLOGICAL SOCIETY OF AMERICA BULLETIN	126	1	4	Q1	3.9	3.6	4.17



图 2 本期长安大学 205 篇 ESI 高被引论文来源期刊的影响因子分区占比图

三. 我校 ESI 前 1%学科概况与优势学科预测

本期我校有六个学科进入 ESI 全球前 1%：工程学、地球科学、材料科学、环境/生态科学、一般社会科学和化学。

1. 工程学

本期我校在工程学领域共发表 WOS 论文 5,494 篇（ESI 高被引论文 68 篇，热点论文 1 篇），总被引次数为 64,998 次，篇均被引 11.83 次。本期全球有 2,546 所机构（中国机构 513 所）进入工程学 ESI 全球排名前 1%行列，我校位列 224 位（在中国机构中位列 69 位），全球排位百分比 8.80%，比上期提升 0.4%，**进入全球工程学 ESI 机构排名前千分之一**。表 8 为近 10 期我校工程学 Web of Science 发文量、被引频次以及 ESI 排名情况。

表 8 长安大学工程学发文量、被引频次以及 ESI 排名情况（近 10 期数据比较）

序号	数据更新时间	中国机构排名	ESI 全球排名	论文数	被引频次
1	2023.3.10	80	334	4,048	36,389
2	2023.5.11	78	301	4,176	38,950
3	2023.7.13	76	300	4,344	41,848

序号	数据更新时间	中国机构排名	ESI 全球排名	论文数	被引频次
4	2023.9.15	75	284	4,526	45,297
5	2023.11.9	75	277	4,621	47,142
6	2024.1.11	73	270	4,807	50,658
7	2024.3.15	72	261	4,998	54,210
8	2024.5.9	72	237	5,116	57,086
9	2024.7.11	71	231	5,297	60,719
10	2024.9.12	69	224	5,494	64,998

注：中国机构包括了中国大陆机构和港、澳、台地区机构，下同。

2. 地球科学

本期我校在地球科学领域共发表 WOS 论文 2,715 篇(ESI 高被引论文 30 篇，热点论文 1 篇)，总被引次数为 33,010 次，篇均被引 12.16 次。本期全球有 1100 所机构（中国机构 151 所）进入地球科学 ESI 全球排名前 1%行列，我校位列 324 位（中国机构中位列 49 位），全球排位 29.45%，比上期提升 2.02%。**进入全球地球科学 ESI 机构排名前千分之三**。表 9 为近 10 期我校地球科学 Web of Science 发文量、被引频次以及 ESI 排名情况。

表 9 长安大学地球科学发文量、被引频次以及 ESI 排名情况（近 10 期数据比较）

序号	数据更新时间	中国机构排名	ESI 全球排名	论文数	被引频次
1	2023.3.9	55	447	2,104	22,024
2	2023.5.11	55	424	2,135	21,854
3	2023.7.13	50	422	2,215	23,284
4	2023.9.15	56	415	2,317	24,966
5	2023.11.9	56	407	2,370	25,995
6	2024.1.11	56	393	2,437	27,484
7	2024.3.15	54	382	2,503	28,931
8	2024.5.9	52	341	2,533	29,354
9	2024.7.11	50	333	2,635	31,123
10	2024.9.12	49	324	2,715	33,010

3. 材料科学

本期我校在材料科学领域共发表 WOS 论文 2,900 篇(ESI 高被引论文 10 篇，热点论文 1 篇)，总被引次数为 45,851 次，篇均被引 15.81 次。本期全球有 1453 所机构（中国机构 370 所）进入材料科学 ESI 全球排名前 1%行列，我校位列 376 位（中国机构中位列 91 位），全球排位 25.88%，比上期提升 1.3%。**进入全球材料科学 ESI 机构排名前千分之三**。表 10 为近 10 期我校材料科学 Web of Science

发文量、被引频次以及 ESI 排名情况。

表 10 长安大学材料科学发文量、被引频次以及 ESI 排名情况（近 10 期数据比较）

序号	数据更新时间	中国机构排名	ESI 全球排名	论文数	被引频次
1	2023.3.10	145	512	2,282	27,391
2	2023.5.11	139	471	2,319	28,796
3	2023.7.13	138	467	2,402	30,765
4	2023.9.15	137	459	2,488	33,057
5	2023.11.9	137	456	2,524	34,141
6	2024.1.11	135	449	2,606	36,543
7	2024.3.15	132	439	2,674	39,055
8	2024.5.9	131	396	2,700	40,688
9	2024.7.11	127	386	2,788	42,973
10	2024.9.12	91	376	2,700	40,688

4. 环境/生态科学

本期我校在环境/生态科学领域共发表 WOS 论文 1,793 篇（ESI 高被引论文 32 篇），总被引次数为 32,179 次，篇均被引 17.95 次。本期全球有 1,940 所机构（中国机构 332 所）进入环境/生态科学 ESI 全球排名前 1%行列，我校位列 444 位（中国机构中位列 69 位），全球排位 22.89%，比上期提升 0.99%。**进入全球环境/生态科学 ESI 机构排名前千分之三**。表 11 为近 10 期我校环境/生态科学 Web of Science 发文量、被引频次以及 ESI 排名情况。

表 11 长安大学环境/生态科学发文量、被引频次以及 ESI 排名情况（近 10 期数据比较）

序号	更新时间	中国机构排名	ESI 全球排名	论文数	被引频次
1	2023.3.9	69	584	1,375	21,110
2	2023.5.11	69	521	1,426	22,375
3	2023.7.13	68	518	1,468	23,696
4	2023.9.15	69	508	1,522	25,296
5	2023.11.9	69	506	1,570	26,062
6	2024.1.11	70	508	1,619	27,357
7	2024.3.15	69	500	1,665	28,723
8	2024.5.9	69	455	1,695	29,400
9	2024.7.11	65	455	1,744	30,606
10	2024.9.12	69	444	1,793	32,179

5. 一般社会科学

本期我校在一般社会科学领域共发表 ESI 论文 415 篇（ESI 高被引论文 15 篇），总被引次数为 5,480 次，篇均被引 13.20 次。本期全球有 2,272 所机构（中

国机构 205 所)进入一般社会科学 ESI 全球排名前 1%行列,我校位列 1102 位(中国机构中位列 88 位), 全球排位 48.50%, 比上期提升 1.63%。**进入全球一般社会科学 ESI 机构排名前千分之五**。表 12 为近 10 期我校一般社会科学 Web of Science 发文量、被引频次以及 ESI 排名情况。

表 12 长安大学一般社会科学发文量、被引频次以及 ESI 排名情况（近 10 期数据比较）

序号	更新时间	中国机构排名	ESI 全球排名	论文数	被引频次
1	2023.3.9	116	1527	275	2,964
2	2023.5.11	101	1370	285	3,210
3	2023.7.13	100	1347	300	3,463
4	2023.9.15	97	1298	318	3,784
5	2023.11.9	94	1275	327	3,969
6	2024.1.11	94	1261	351	4,225
7	2024.3.15	91	1229	367	4,541
8	2024.5.9	89	1133	386	4,815
9	2024.7.11.	89	1118	396	5,106
10	2024.9.12	88	1102	415	5,480

6. 化学

本期我校在化学领域共发表 ESI 论文 1,043 篇（ESI 高被引论文 18 篇），总被引次数为 16,226 次，篇均被引 15.56 次。本期全球有 1,985 所机构（中国机构 408 所）进入化学 ESI 全球排名前 1%行列,我校位列 1227 位（中国机构中位列 284 位），全球排位 61.81%，比上期提升 2.61%。表 13 为近 10 期我校化学学科 Web of Science 发文量、被引频次以及 ESI 排名情况。

表 13 长安大学化学学科发文量、被引频次以及 ESI 排名情况（近 10 期数据比较）

序号	更新时间	中国大陆机构排名	ESI 全球排名	论文数	被引频次
1	2023.3.9	304	1516	868	10,710
2	2023.5.11	293	1402	877	11,351
3	2023.7.13	293	1391	899	11,989
4	2023.9.15	293	1372	927	12,699
5	2023.11.9	293	1370	945	13,077
6	2024.1.11	293	1364	969	13,767
7	2024.3.15	288	1346	992	14,495
8	2024.5.9	288	1263	980	14,645
9	2024.7.11	286	1251	1,010	15,303
10	2024.9.12	284	1227	1,043	16,226

7. 优势学科分析

表 14 为 2014-2024 年（统计时采用的 Incites 数据库更新时间为 2024.9.27）我校 ESI 各学科的发文情况，可以看到工程学、材料科学、地球科学、环境/生态科学、化学为我校的优势学科，其在发文数量、被引频次和学科规范化的引文影响力（Category Normalized Citation Impact, CNCI）值上均具有较为突出的表现；一般社会科学、计算机科学、物理学等学科为我校的潜力发展学科，一般社会科学已经进入全球 ESI 排名前 1%，计算机科学的全球 ESI 排名接近度也在逐渐上升，物理学、数学等学科要实现 ESI 全球排名前 1%的突破仍需要一定的努力；其他学科领域发文数量和被引频次相对较少。

表 14 长安大学 2014-2024 年 ESI 各学科发文概况（按发文被引频次排序）

学科名称	排名	Web of Science 论文数	被引频次	论文被引百分比（%）	学科规范化的引文影响力
Engineering	1	5708	71090	82.34	1.09054576
Materials Science	2	2982	49103	87.76	0.957245942
Geosciences	3	2797	34912	84.27	1.096007437
Environment/Ecology	4	1828	33813	86.05	1.288342068
Chemistry	5	1070	17091	86.64	1.21064514
Social Sciences, general	6	438	5922	76.94	2.12692032
Computer Science	7	508	5039	81.89	1.013787402
Physics	8	428	3817	80.37	0.745241355
Economics & Business	9	123	2499	80.49	2.963593496
Agricultural Sciences	10	134	1921	79.85	1.546699254
Mathematics	11	248	1632	76.21	1.316645565
Biology & Biochemistry	12	82	1427	84.15	1.249981707
Space Science	13	65	598	83.08	0.519618462
Psychiatry/Psychology	14	54	458	75.93	1.122262963
Plant & Animal Science	15	48	415	79.17	1.147283333
Clinical Medicine	16	52	356	67.31	0.487694231
Neuroscience & Behavior	17	23	190	82.61	0.431073913
Pharmacology & Toxicology	18	12	173	100	1.091016667
Microbiology	19	9	168	88.89	1.074055556
Multidisciplinary	20	25	103	60	0.695496
Immunology	21	3	52	100	0.6866
Molecular Biology & Genetics	22	7	18	57.14	0.3078

注：选取的是 Article 和 Review 类型的文献做统计

我们对发文量前 9 的 ESI 学科进行了分析（考虑到这几个 ESI 学科涉及到了我校相关研究领域），可以看出工程学的发文量、被引频次仍为最高，一直保持

着较为稳定的发展趋势；材料科学的发文量、被引频次次之；地球科学发文量、被引频次位于第三；环境/生态科学发文量、被引频次位于第四；这四个学科一直处于相对稳定的发展态势。

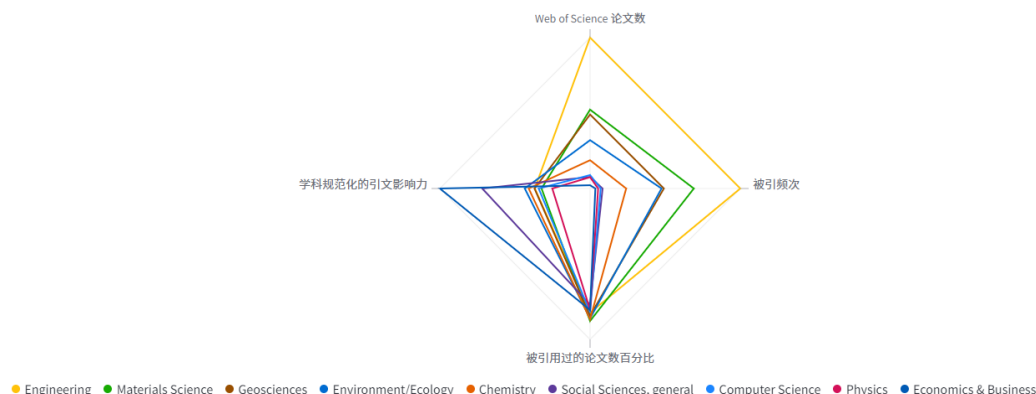
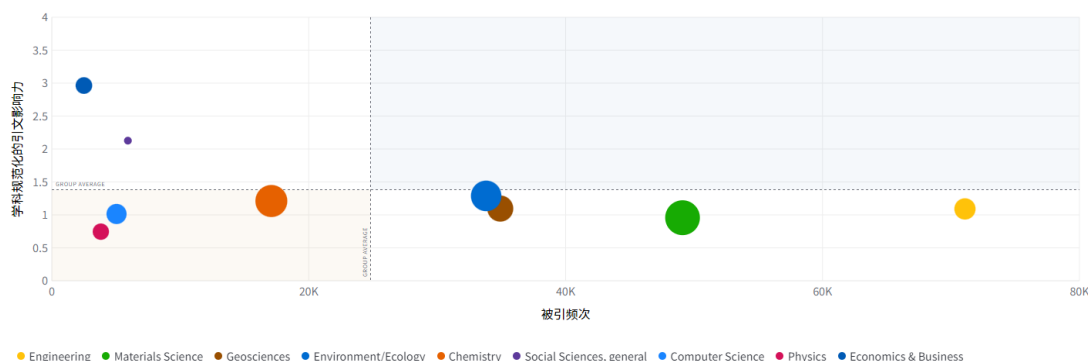


图3 长安大学发文量前9的ESI学科发文量、被引频次、CNCI、论文被引百分比的雷达图

从图4可以看到，已进入全球排名前1%的6个学科中，工程学、材料科学、地球科学、环境/生态科学、化学为我校优势学科；一般社会科学虽然发文数量并不是很多，但被引频次在我校各学科中排名靠前，论文总数与被引频次还有提升的空间；计算机科学、物理学的发文量、被引频次排在第7、8位，属于潜力优势学科，其中计算机科学的CNCI值接近1，表明我校这个领域的研究水平已达到国际平均水平，有望成为下一个进入ESI全球排名前1%的学科；其中特别值得注意的是：经济和商业学科的CNCI值是我校22个ESI学科中最高的，达到了2.96左右；一般社会科学领域的CNCI值也较高，已达2.13左右，表明我校在这两个学科领域的研究已超过国际平均水平，也是我校的潜力发展学科领域。



注：图中点的半径表示该领域论文被引的百分比

图4 2014-2024年长安大学发文量TOP9的ESI学科的CNCI值表现情况

8. 潜力学科预测

在将 22 个 ESI 学科的阈值与我校各学科的被引频次进行比较后，我们进一步对具有进入全球前 1%潜力的学科进行了预测，从图中可以看出，计算机科学学科与 ESI 全球前 1%的机构阈值接近度约为 98.69%左右，比上期提升 4.94%，是我校下一个有望突破 ESI 全球前 1%的学科，进入该领域 ESI 全球前 1%机构指日可待。

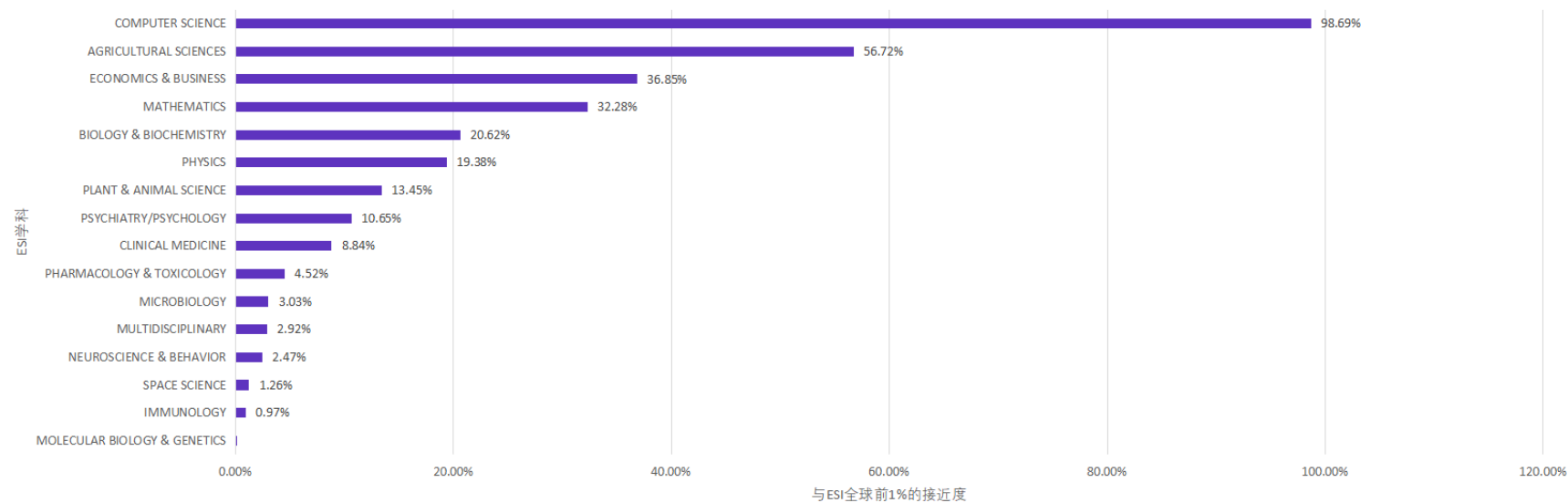


图5 长安大学具有潜力进入 ESI 全球前 1%的学科预测情况（基于 Incites9 月 27 日更新数据计算）

注：由于 Incites 数据库与 ESI 数据库更新时间不同，数据预测与实际结果存在正常范围内的误差，预测结果仅供参考。

一. 长安大学师生 Springer 发文分析报告

1. Springer 期刊科研产出分析

2015 -2024 年长安大学在 Springer 上共计发表 2313 篇文章,其中 2023 年 342 篇, 2024 年截至 10 月 8 号前为 260 篇, 数据来源 Springer Insights。

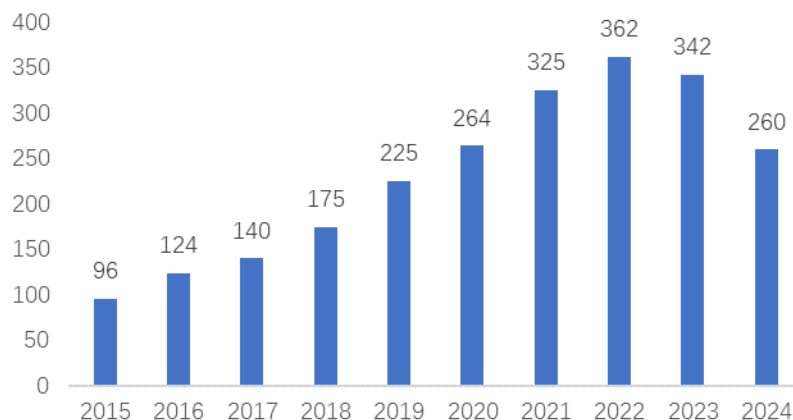


图 1 2015-2024 长安大学 Springer 发文数量

Springer 期刊文章类型主要集中在工程学、地球科学和环境科学,具体主题分布参加下图 2。

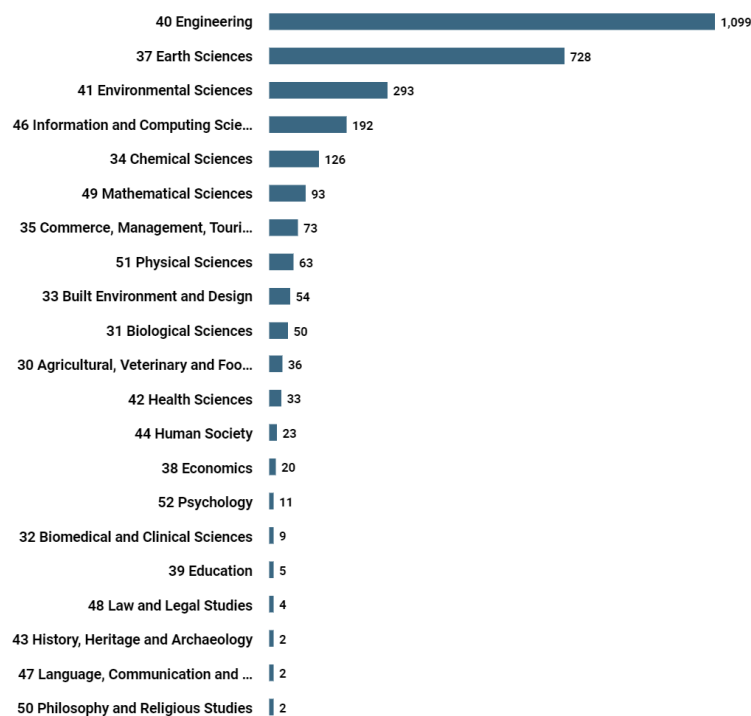


图 2 长安大学发文主题分布

2. Springer 电子图书科研产出分析

2017 年至 2024 年 10 月 8 日前，长安大学在 Springer 共计出版 11 部专著，其中 2023 年出版 4 本专著，2024 年截至目前出版 1 本专著。

2015 年至 2024 年 10 月 8 日前，长安大学在 Springer 共计出版 480 篇图书章节，其中 2023 年出版 45 篇，2024 年截止统计时间共计出版 83 篇。

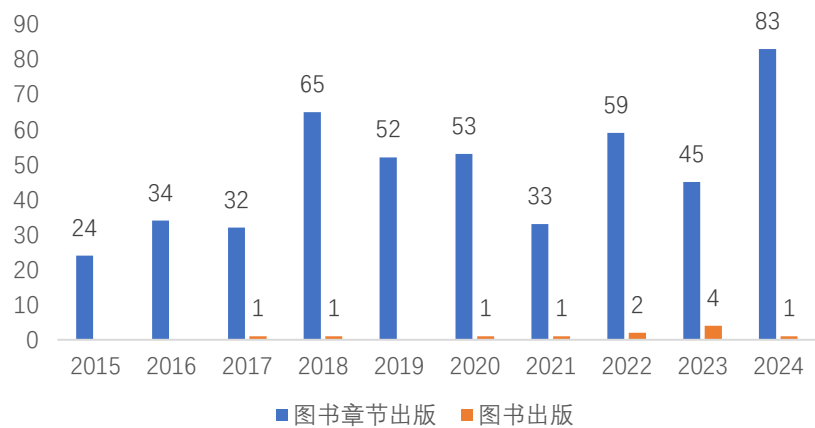


图 3 长安大学 Springer 图书出版情况

图书章节发表主要集中在工程学、计算科学和地球科学

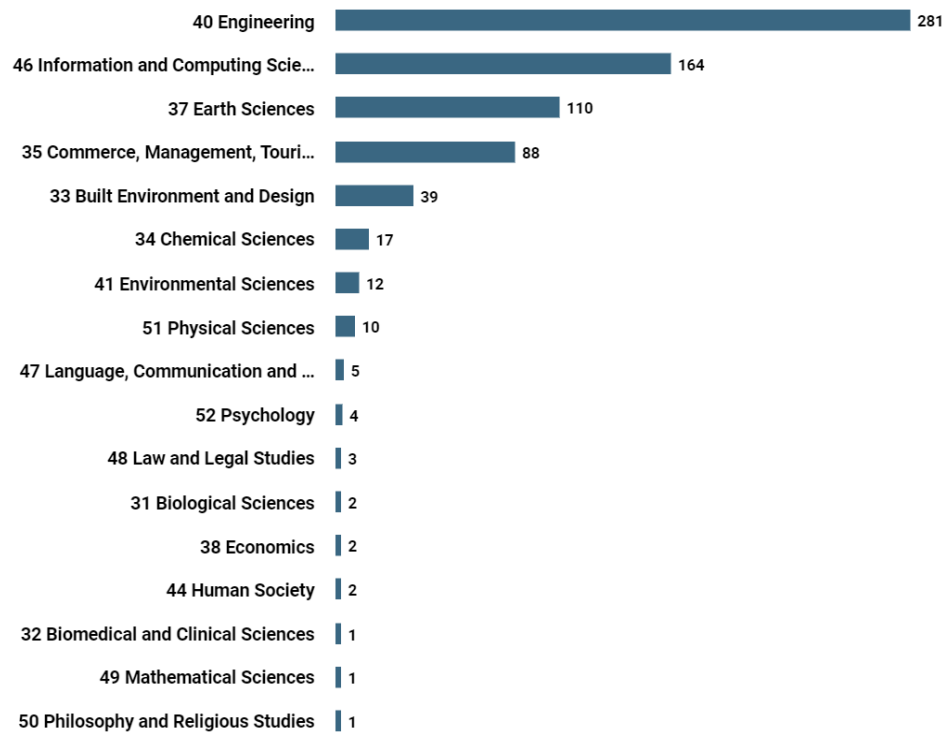


图 4 长安大学图书章节发表主题分布

二. 2024 年 1-9 月长安大学师生发表论文被 Elsevier 收录情况统计

截至 2024 年 9 月 30 日，我校师生在 Elsevier 来源期刊上共计发文 1288 篇（含 Article/Conference paper/Review 等），文章来源于 281 个刊物（见图 1），其中发文比较集中的 10 个刊物及其 2023 影响因子参见表 1（数据来源：Scopus，检索时间：2024 年 9 月 30 日）。

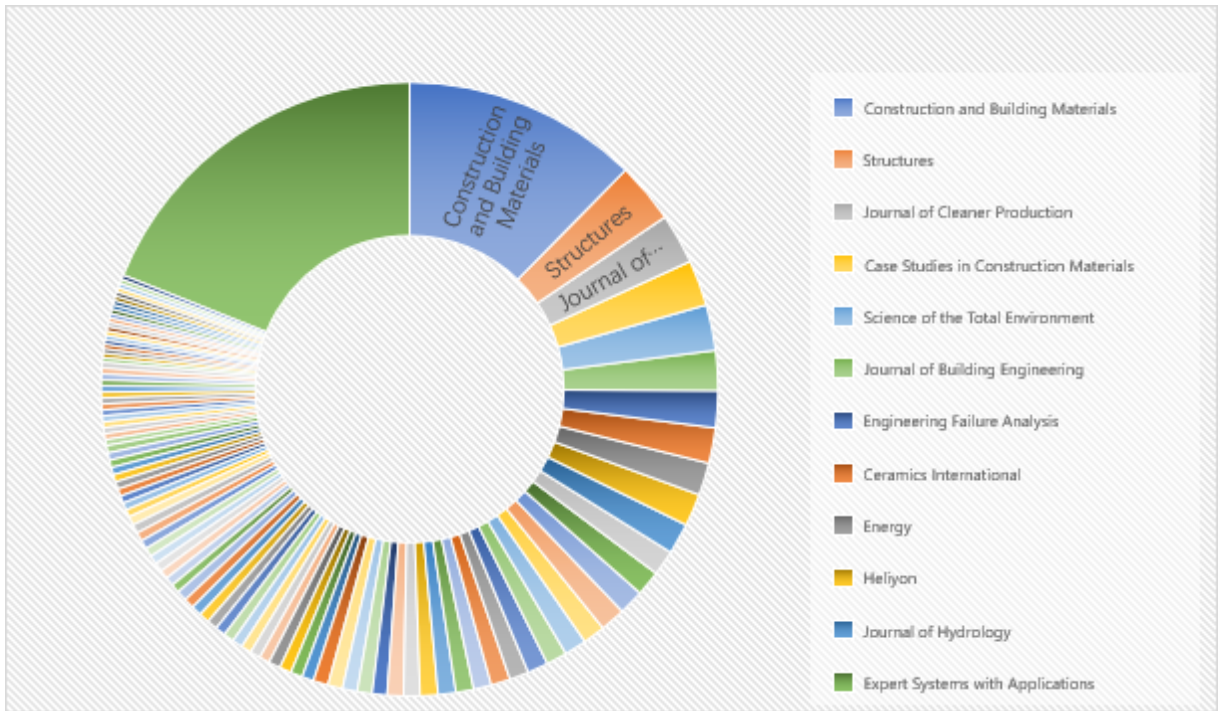


图 1 2024 年 1-9 月长安大学 Elsevier 收录论文来源期刊分布情况

表 1 来源期刊 Top10 列表

	期刊名称	2023 影响因子	我校发文数量
1	Construction and Building Materials	7.4	159
2	Structures	3.9	41
3	Journal of Cleaner Production	9.7	34
4	Case Studies in Construction Materials	6.5	31
5	Science of the Total Environment	8.2	31
6	Journal of Building Engineering	6.7	27
7	Engineering Failure Analysis	4.4	25

	期刊名称	2023 影响因子	我校发文数量
8	Ceramics International	5.1	24
9	Energy	9.0	22
10	Heliyon	3.4	22

附件：2024 年 1-9 月长安大学 Elsevier 收录论文列表

Authors	Title	Source title	DOI
Zhou X.; Wang Z.; Guo H.; Wang X.; Chen W.; Liu J.; Zhang H.; Wan C.	Property improvement of epoxy emulsified asphalt modified by waterborne polyurethane in consideration of environmental benefits	Case Studies in Construction Materials	10.1016/j.cscm. 2024.e03559
Wen Y.; Gao T.; Zhang K.; Cheng P.; Chen T.	Restoring vision in rain-by-snow weather with simple attention-based sampling cross-hierarchy Transformer	Pattern Recognition	10.1016/j.patco g.2024.110743
Sun Y.-J.; Zhou J.-M.; Ma X.; Feng Z.-T.; Liu X.-T.; Zhang X.-R.; Wang Y.; Niu H.-H.; Jin R.-C.; Zhang Q.-Q.	Response of the performance and succession of denitrification consortium under the variation of nutritional conditions: Mechanisms and characteristics	Biochemical Engineering Journal	10.1016/j.bej.2 024.109503
Dong L.; Hu Z.; Xia Y.; Zheng Y.; Zhang M.; Xie Y.; Qiao W.; Wang X.; Yang S.	Application of novel magnetic lignin hydrogels: Activated persulfate degrades pesticide contaminants	Journal of Colloid and Interface Science	10.1016/j.jcis.2 024.06.185
Zhu T.; Zhu H.; Li A.; Zong X.; Zeng B.; He X.	Physical properties and anisotropy of sandstone during freeze-thaw cycle under unidirectional constraint	Cold Regions Science and Technology	10.1016/j.coldr egions.2024.10 4324
Song J.; Gao J.; Gharehghani A.; Gao J.; Huang Y.; Wang X.; Wang Y.; Fu Z.; Qi M.; Tian G.	Research on the in-cylinder combustion and emissions of opposed rotary piston engines over various altitudes	Fuel	10.1016/j.fuel.2 024.132644
Li J.; Huan X.; Wang S.; Sheng Y.; Xu D.; You Z.	Performance of optimized composition of epoxy resin adhesive used in High Friction Surface Treatment	Case Studies in Construction Materials	10.1016/j.cscm. 2024.e03431
Ke X.; Wang W.; Niu F.; Gao Z.	Investigating soil properties and their effects on freeze-thaw processes in a thermokarst lake region of Qinghai-Tibet Plateau, China	Engineering Geology	10.1016/j.engge o.2024.107734
Zhao Y.; Li W.; Ding J.; Wang Y.; Pei L.; Tian A.	Nearshore optical video object detector based on temporal branch and spatial feature enhancement	Engineering Applications of Artificial Intelligence	10.1016/j.engap pai.2024.10938 7
Xu P.-C.; Lu Q.-C.; Feng T.; Li J.; Li G.; Xu X.	Resilience analysis of metro stations integrating infrastructures and passengers	Reliability Engineering and System Safety	10.1016/j.res.2 024.110467
Han Z.; Zhang H.; Fu J.; Wang Z.; Duan L.; Zhang W.; Li Z.	Dynamic assessment of the impact of compound dry-hot conditions on global terrestrial water storage	Remote Sensing of Environment	10.1016/j.rse.20 24.114428
Zhu C.; Sun X.; Li Y.; Cui M.; Gao J.	Assessing the effects of dockless bicycle-sharing on docked bicycle-sharing usage: Evidence from Xi'an, China	Alexandria Engineering Journal	10.1016/j.aej.20 24.09.075
Liu J.; Tuheti A.; Deng S.; Li J.;	Exploration of radical chemistry, precursor sensitivity and O3	Atmospheric	10.1016/j.atmos

Li Q.; Huang L.; Chen J.	control strategies in a provincial capital city, northwestern China	Environment	env.2024.12079 2
Wang F.; Li C.; Li Y.; Wei X.; Yan M.; Wang J.; Gao Y.; Liu J.; Wang Y.	Green synthesis of soybean residue-based nitrogen-chlorine co-doped carbon dots based on deep eutectic solvents: Construction of a PNP fluorescence detection system under the IFE mechanism	Materials Research Bulletin	10.1016/j.materresbull.2024.113041
Li Y.; Zhou T.; Han A.; Li W.; Xu Y.	Failure mechanism and reliability prediction of CFS built-up columns considering distortional buckling	Structures	10.1016/j.istruc.2024.107337
Zhu L.; Lucas K.; Hess M.	Understanding the relationship between perceived accessibility, housing and transport equity of different types of residents: A structural equation modelling approach	Transportation Research Part A: Policy and Practice	10.1016/j.tra.2024.104259
Xu Y.; Kong F.; David D.; Hong X.; Sun X.	Non-stationary response determination of nonlinear systems endowed with fractional derivative elements subjected to evolutionary stochastic excitation	Engineering Structures	10.1016/j.engstruct.2024.118844
Ning J.; Li P.; He X.; Ren X.; Li F.	Impacts of land use changes on the spatiotemporal evolution of groundwater quality in the yinchuan area, China, based on long-term monitoring data	Physics and Chemistry of the Earth	10.1016/j.pce.2024.103722
Zhang H.; Li Y.; Zhang J.; Li Z.; Chen Z.; Pei J.; Wang M.	Examining the rheological and adhesion performance of asphalt: Insights into the influence of SARA components	Case Studies in Construction Materials	10.1016/j.cscm.2024.e03427
Berwo M.A.; Fang Y.; Khan A.; Manzor A.; Mahmood J.	VEBD-HEL: A noval approach to vehicle exterior body damage parts classification in intelligent transportation systems	Alexandria Engineering Journal	10.1016/j.aej.2024.09.050
Huang G.; Chen Z.; Bi Y.; Wang S.; Zhang J.; Cannone Falchetto A.	A comprehensive evaluation of crumb rubber modified asphalt-aggregate interfacial behavior and the effect of water: Molecular dynamics simulation and experimental investigation	Fuel	10.1016/j.fuel.2024.132824
Fang Q.; Lan S.; Mu X.; Zhang Y.; Li Y.; Wang Y.; Yao L.; Chen Y.; Qiu D.; Wang L.	Protonated polyethyleneimine enables synchronous crosslinking of polyimide nanofiltration membranes for dye desalination	Desalination	10.1016/j.desal.2024.118151
Liu L.; Zhao L.; Jin S.; Zou W.; Wang H.; Xie Y.; Hou C.; Zhai Y.; Luo P.	Treatment of sludge hydrothermal carbonization wastewater by ferrous/sodium percarbonate system: Effect of wastewater composition and role of coagulation and oxidation	Water Research	10.1016/j.watres.2024.122531
Lu Y.; Wu B.; Li W.; Zhou T.; Li Y.	Regression-classification ensemble machine learning model for loading capacity and bucking mode prediction of cold-formed steel built-up I-section columns	Thin-Walled Structures	10.1016/j.tws.2024.112427
Han T.; Zhu Y.; Huang W.; Jiang S.-Q.; Zhang J.-M.	Detection of uniformity and spatial correlation of subgrade compaction quality based on intelligent compaction technology	Case Studies in Construction Materials	10.1016/j.cscm.2024.e03636
Li B.; Zhang J.; Qu Y.; Chen D.; Chen F.	Data-driven predicting of bond strength in corroded BFRP concrete structures	Case Studies in Construction Materials	10.1016/j.cscm.2024.e03638
Peng J.; Zhao X.; Ma J.; Meng D.; Zhu J.; Zhang J.; Yan S.;	Enhancing lithium-ion battery monitoring: A critical review of diverse sensing approaches	eTransportation	10.1016/j.etrans.2024.100360

Zhang K.; Han Z.			
Zhang J.; Yang X.; Wang W.; Wang H.; Ding L.; El-Badawy S.; You Z.	Vision-guided robot for automated pixel-level pavement crack sealing	Automation in Construction	10.1016/j.autcon.2024.105783
Wang S.; Feng Y.; Li X.; Zhang G.	Memetic discrete differential evolution with domain knowledge for blocking scheduling distributed flow shop with lot-streaming constraints	Expert Systems with Applications	10.1016/j.eswa.2024.124874
Jing J.; Yang X.; Ding L.; Wang H.; Guan J.; Hou Y.; El-Badawy S.M.	Self-adaptive 2D[sbnd]3D image fusion for automated pixel-level pavement crack detection	Automation in Construction	10.1016/j.autcon.2024.105756
Huan C.; Wang J.; He Y.; Liu Y.; Tian X.; Lyu Q.; Wang Z.; Ji G.; Yan Z.	Efficient strategy for employing HN-AD bacterium enhanced biofilter reactors to remove NH3 and reduce secondary pollution	Journal of Hazardous Materials	10.1016/j.jhazmat.2024.135802
Zhao H.; Tang J.; Gao H.; Guan B.	Effect of silicon carbide powder on asphalt material properties and microwave-induced self-healing	Case Studies in Construction Materials	10.1016/j.cscm.2024.e03658
Fofanah A.J.; Chen D.; Wen L.; Zhang S.	Addressing imbalance in graph datasets: Introducing GATE-GNN with graph ensemble weight attention and transfer learning for enhanced node classification	Expert Systems with Applications	10.1016/j.eswa.2024.124602
Shi X.; Lai J.; Ma C.; He S.; Li B.; Liu T.; Wang L.	Soil disturbance effects of pile-reinforced metro foundation subjected by tunnelling beneath: field investigation and model tests	Structures	10.1016/j.istruc.2024.107280
Qiang W.; Feng H.; Zhou T.; Lu G.; Zhang X.	Energy absorption performance of Kresling origami tubes under impact loading	International Journal of Mechanical Sciences	10.1016/j.ijmecsci.2024.109682
Huang J.; Gao J.; Gao J.; Huang Y.; Wang X.; Wang S.; Qi M.; Tian G.	Insight into the mechanism of solution organic fractions on soot oxidation activity enhancement	Journal of Hazardous Materials	10.1016/j.jhazmat.2024.135606
Liu Y.; Li A.; Wang S.; Yuan J.; Zhang X.	A feature importance-based intelligent method for controlling overbreak in drill-and-blast tunnels via integration with rock mass quality	Alexandria Engineering Journal	10.1016/j.aej.2024.09.084
Luo G.; Liu J.; Li L.; Xue P.; Zhao J.; Chen Y.	Crashworthiness analysis and multi-objective optimization design for foam-filled spiral tube	International Journal of Mechanical Sciences	10.1016/j.ijmecsci.2024.109588
Chen A.; Wang J.; Guan J.; Wei X.; Xing S.; Shen T.	One-step preparation of highly efficient adsorbents: Adsorption study of DMP on porous carbon macrobody based on sodium alginate	Colloids and Surfaces A: Physicochemical and Engineering Aspects	10.1016/j.colsurfa.2024.134878
Li P.; Li J.; Li L.; Zhou P.; Liu G.	Overall structural degradation of a high-piled wharf under chloride invasion and the impact force of ship berthing	Ocean Engineering	10.1016/j.oceaneng.2024.119320
Li J.; Meng F.; Zhang Z.; Zhang Y.	Prediction of wind power ramp events via a self-attention based deep learning approach	Energy Reports	10.1016/j.egy.2024.07.023
He C.; Chen D.; Zhang W.X.	Machine learning-driven shortening the screening process	Journal of Colloid and	10.1016/j.jcis.2

	towards high-performance nitrogen reduction reaction electrocatalysts with four-step screening strategy	Interface Science	024.07.109
Ye F.; Duan L.; Wang Z.; Wang Y.; Kou X.; Wan F.; Wang Y.	Sediment grain size regulates the biogeochemical processes of nitrate in the riparian zone by influencing nutrient concentrations and microbial abundance	Science of the Total Environment	10.1016/j.scitotenv.2024.176467
Zheng X.; Li X.; Liu Y.; Xu B.; Ma Q.	Study on capacity of HPSB hydrogen storage material catalyzed by Sm ₂ O ₃	International Journal of Hydrogen Energy	10.1016/j.ijhydene.2024.09.382
Gou L.; Yu J.-H.; Zhang Y.-F.; Pan L.; Luo S.-Y.; Fan X.-Y.	Construction of CNT@K ⁺ -doped δ -MnO ₂ by “killing two birds with one stone” strategy toward high-rate and stable aqueous zinc-ion batteries	Surfaces and Interfaces	10.1016/j.surfin.2024.105154
Li Y.; Feng P.; Xiao J.-X.; Chen M.; Li J.-W.	Experimental investigations on the influence of bridge deck gratings on the aerodynamic stability of the long-span suspension footbridge with a streamlined double-side box girder	Journal of Wind Engineering and Industrial Aerodynamics	10.1016/j.jweia.2024.105904
Wu W.; Xiao J.; Ding J.; Li Y.; Zhao X.; Jiang W.	Damage characterization of high- and low-temperature performance of porous asphalt mixtures under multi-field coupling	Case Studies in Construction Materials	10.1016/j.cscm.2024.e03455
Coskun S.; Yazar O.; Zhang F.; Li L.; Huang C.; Karimi H.R.	A multi-objective hierarchical deep reinforcement learning algorithm for connected and automated HEVs energy management	Control Engineering Practice	10.1016/j.conengprac.2024.106104
Fan H.; Zhang H.; Wei W.; Hiatt E.E.; Ward J.F.; Wen H.	Phosphorus flux during the Ediacaran: Rooted in continental weathering or pelagic upwelling?	Earth and Planetary Science Letters	10.1016/j.epsl.2024.118975
Ding Y.; Zhang G.; Zhao X.; Lu Z.; Li X.	Shear performance of horizontally curved steel box bridge girders under hydrocarbon fire exposure conditions: Numerical investigation and design implications	Thin-Walled Structures	10.1016/j.tws.2024.112479
Jiang Z.; Li J.; Sun G.; Luo W.; Zhao P.	Effect of B ₂ O ₃ additive on the microstructure and luminescent properties of spark plasma sintered YAG: Ce transparent ceramics	Journal of Alloys and Compounds	10.1016/j.jallcom.2024.176637
Dai J.; Ma F.; Fu Z.; Sangiorgi C.; Tataranni P.; Tarsi G.; Li C.; Hou Y.; Guo Y.	Binary eutectic phase change materials application in cooling asphalt: An assessment for thermal stability and durability	Colloids and Surfaces A: Physicochemical and Engineering Aspects	10.1016/j.colsurfa.2024.134790
Lei H.; Liu Z.; Alsomiri M.	Simplified discontinuous field model for RC beams with a medium shear span ratio: Experimental study and shear strength formula	Engineering Structures	10.1016/j.engstruct.2024.118993
Wang W.; Roy K.; Ananthi.G B.G.; Lu L.; Fang Z.; Lim J.B.P.	Simplified Direct Strength Method for the design of cold-formed steel channels with circular web openings under two-flange loadings	Engineering Structures	10.1016/j.engstruct.2024.118840
Feng D.; Lu B.; Wu W.; Yang S.; Sun Y.; Bai B.; Li S.	Coexisting single-atomic Fe and Fe ₂ O ₃ on nitrogen-deficient g-C ₃ N ₄ with enriched Fenton-like oxidation and photocatalytic performances for tetracycline degradation: DFT calculation, degradation mechanism and toxicity evaluation	Separation and Purification Technology	10.1016/j.seppur.2024.127879

Liu Z.; Han L.; Liu M.	High-resolution carbon emission mapping and spatial-temporal analysis based on multi-source geographic data: A case study in Xi'an City, China	Environmental Pollution	10.1016/j.envpol.2024.124879
Sun R.; Ma H.; Zhou S.; Li Z.; Cheng L.	A direction-adaptive ultra-low frequency energy harvester with an aligning turntable	Energy	10.1016/j.energy.2024.133273
Zhang X.; Chen H.; Luo R.; Zhang L.; Wang F.; Liu J.; Liang Y.	Influence of surface layer bitumen on the performance evolution of base layer over service time	Case Studies in Construction Materials	10.1016/j.cscm.2024.e03560
Wang Y.; Zhang D.; Zhao J.; Du Q.; Mubizah R.	Seismic behavior of exterior joint of CFDST column to steel beam with RC slab	Journal of Building Engineering	10.1016/j.jobeb.2024.110861
Jiang Y.; Tong Y.; Ye F.; Zhang J.; Tian C.; Wu B.; Cui H.	The failure mechanism of crystallization blockage in tunnel drainage system and preventive measure of scale inhibitor	Engineering Failure Analysis	10.1016/j.engfailanal.2024.108915
Ma X.-R.; Wang X.-L.; Chen S.-Z.	Trustworthy machine learning-enhanced 3D concrete printing: Predicting bond strength and designing reinforcement embedment length	Automation in Construction	10.1016/j.autcon.2024.105754
Zou J.; Deng Q.; Song X.; Cui L.; Li X.	Effects of corrosion on mechanical properties of bolted porous structural panel	Materials Today Communications	10.1016/j.mtcomm.2024.110472
Tian J.; Ye M.; Song X.; Yang S.	Effect of low temperature on fatigue crack propagation behavior of QP980 steel and laser-welded joint	Materials Letters	10.1016/j.matlet.2024.137326
Ding D.; Xie J.; Wang Y.; Jing G.	Experimental and numerical study on mechanical properties of sand-contaminated ballast aggregates in confined condition	Transportation Geotechnics	10.1016/j.trgeo.2024.101390
Chen Z.; Zhao M.; Wang B.; He Y.; Lei T.; Huang H.	Axial compressive behavior of steel-hollow core partially encased composite spliced columns	Engineering Failure Analysis	10.1016/j.engfailanal.2024.108833
Yao T.; Han X.; Li B.; Guo F.; Ji H.; Ai C.; Han S.	Development of polyurethane urea (PUU) – Waste rubber particles (WRP) composite materials for active ice-breaking of groove-filled asphalt pavement	Case Studies in Construction Materials	10.1016/j.cscm.2024.e03617
Yang L.; Chen X.; Lv Z.; Luo C.; Chao M.; Zhang P.; Yan L.	Dynamic covalent interface engineering for 2D MXene membrane with interchangeable surface groups and tunable layer spacing for water treatment	Separation and Purification Technology	10.1016/j.seppur.2024.127525
Li X.; Li H.; Zhao X.; Peng K.	Amine-impregnated natural inorganic nanotubes via layer-by-layer electrostatically self-assembly approach for efficient CO ₂ adsorption	Separation and Purification Technology	10.1016/j.seppur.2024.127864
Du C.; Zhuang J.; Peng J.; Kong J.; Hu W.	Numerical investigation of the fast shear behaviour of granular materials and its significance for rapid landslides	Engineering Geology	10.1016/j.enggeo.2024.107733
Fang J.; Li Y.; Su M.; Cao T.; Sun X.; Ai Y.; Qin J.; Yu J.; Yang M.	Mitigating harmful cyanobacterial blooms in drinking water reservoirs through in-situ sediment resuspension	Water Research	10.1016/j.watres.2024.122509
Xue Z.; Zhu W.; Li L.; Jiang C.; Yan C.; Wang Y.; Gao J.; Luo J.	Carbon emissions assessment of cement mixing piles for soft loess improvement and carbon emission reduction using white mud-cement composite material	Case Studies in Construction Materials	10.1016/j.cscm.2024.e03397

Tang X.; Sun H.; Wang C.; Sun C.; Peng X.	Tension-bending coupled fatigue life study of semi-parallel steel wire cables using a developed LEFM method	Structures	10.1016/j.istruc.2024.107381
Zhijia X.; Ying Z.; Jiang L.; Changgen Y.; Zikai X.; Jie W.; Fangyuan H.; Longshan L.; Yongzhi M.; Xiaolong J.; Qiquan D.	Elastic modulus, water stability and resistivity for loess solidified with white mud based solid waste cementing material: Mechanism analysis and relationship establishment	Case Studies in Construction Materials	10.1016/j.cscm.2024.e03791
Yang Y.; Jia B.; Yang Z.; Yan X.-Y.; Zheng S.-T.; Liu J.; Song D.; Ji H.; Gao Z.	Revealing the impacts of COVID-19 pandemic on intercity truck transport: New insights from big data analytics	Transportation Research Part C: Emerging Technologies	10.1016/j.trc.2024.104861
Chengcheng Z.; Zhongju F.; Cong Z.; Fuchun W.; Xiqing W.	Study on the seismic responses and differences between rock-socketed single pile and pile group foundations under different scour depths	Soil Dynamics and Earthquake Engineering	10.1016/j.soildyn.2024.108971
Zhu Y.; Zhang Y.; Lan H.; Peng J.; Zheng H.; Zhao D.; Yin Y.	Effect of crack depth on the initiation and propagation of crack-induced sliding in a paleosol area on a loess slope: Three-dimensional investigation based on model testing and laser scanning	Engineering Geology	10.1016/j.enggeo.2024.107745
Li Z.; Zhao X.-Q.	Traveling waves for a time-delayed nonlocal reaction-diffusion model of within-host viral infections	Journal of Differential Equations	10.1016/j.jde.2024.08.056
Wang Q.; Ye M.; Celik S.; Deng Z.; Li B.; Uwe Sauer D.; Li W.	Unlocking the potential of unlabeled data: Self-supervised machine learning for battery aging diagnosis with real-world field data	Journal of Energy Chemistry	10.1016/j.jechem.2024.08.037
Cao Y.; Zhou L.; Brzozowski M.; Wang C.Y.	Apatite and pyroxene as records of magmatic – hydrothermal processes and platinum-group mineral (PGM) formation in the Wengeqi mafic – ultramafic intrusion, Inner Mongolia, China: The role of oxidized, H ₂ O-rich magmas	Chemical Geology	10.1016/j.chemgeo.2024.122359
Wang C.; Liu Y.C.; Maslova N.; Jia H.; Li Q.; Quan C.	Middle to late Miocene cooling and drying in the northern Tibetan Plateau based on evidence from plant-insect interactions	Palaeogeography, Palaeoclimatology, Palaeoecology	10.1016/j.palaeo.2024.112496
Zhang K.; Yang B.; Zhu Y.; Xie W.; Li P.; Zhang W.	Exploring mechanical properties and cracking behavior of AC-13 and OGFC-16 aggregate-segregated asphalt mixtures	Case Studies in Construction Materials	10.1016/j.cscm.2024.e03631
Li L.; Li P.; Tian Y.; Kou X.; He S.	Nitrate sources and transformation in surface water and groundwater in Huazhou District, Shaanxi, China: Integrated research using hydrochemistry, isotopes and MixSIAR model	Environmental Research	10.1016/j.envres.2024.120052
Wu Z.; Xie C.; Zhang C.; Luo G.; Xiao L.; Garg A.; Mei G.	Experimental study on the hydrodynamic behavior for a novel compound anti-vibration submerged floating tunnel system	Ocean Engineering	10.1016/j.oceaneng.2024.119363
Liu Q.; Ma J.; Zhao X.; Zhang K.; Meng D.; Jiao Z.	Fault diagnosis of early internal short circuit for power battery systems based on the evolution of the cell charging voltage slope in variable voltage window	Applied Energy	10.1016/j.apenergy.2024.124310
Si J.; Zhang S.; Niu Y.; Zhang Y.; Fan Q.; Chen Y.	The surface deformation of permafrost and active layer thickness in the upper reaches of the Black River basin,	Science of the Total Environment	10.1016/j.scitotenv.2024.17566

	revealed by InSAR observations and independent component analysis		7
Zhang Z.; Zhang P.; Chen H.; Wu H.; Geng L.; Zhang W.; Chen Z.; Qi D.; Cao J.; Wang B.	Optical study on the spray and combustion characteristics of diesel-biodiesel-alcohol blend fuels on a constant volume combustion chamber	Journal of the Energy Institute	10.1016/j.joei.2024.101779
Bo Zhang J.; Dai C.; Li J.; You X.; Hu J.; Duan Y.; Guo J.; Zhao Y.; Han Y.; Zhou L.; Lai X.; Fu R.; Zhang Y.; Li Z.; Hon Leong K.	In-situ targeted removal of naphthalene from groundwater by peroxymonosulfate activation using molecularly imprinted activated carbon: Efficacy, mechanism and applicability	Separation and Purification Technology	10.1016/j.seppur.2024.127730
Ma Y.; Guo C.; Cui Y.; Yang S.; Meng X.; Kou S.; Luan C.; Deng J.; Fan S.	Enhanced water-oxygen corrosion resistance of SiC/SiC composites at 1350 ° C via a single-layer Y-Al-Si-O glass-ceramics environmental barrier coating	Journal of the European Ceramic Society	10.1016/j.jeurceramsoc.2024.116728
Chang J.; Pan A.; Ma Y.; Sun Y.	Enrichment of valuable metals from silver tailings using the alkali roasting-leaching method	Separation and Purification Technology	10.1016/j.seppur.2024.127938
Guo Y.; Tian B.; Zhao J.; Ji G.; Wang X.	Study on automatic anti-icing effect and rheological properties of asphalt based on SiO ₂ nanowires	Case Studies in Construction Materials	10.1016/j.cscm.2024.e03714
Zheng L.; Xiao J.; Wang Y.; Wu W.; Chen Z.; Yuan D.; Jiang W.	Deep learning-based intelligent detection of pavement distress	Automation in Construction	10.1016/j.autcon.2024.105772
Ren J.; Li M.; Zhao Z.; Lu H.; Tong X.; Xu Y.; Li D.	Effects of moisture contents, fracture modes, and temperatures on fracture toughness and crack distribution of asphalt concrete at low-temperature	Case Studies in Construction Materials	10.1016/j.cscm.2024.e03647
Zhou H.; Gao Q.; Leng Z.; Wang Y.; Fan Y.; Liu G.	Formation mechanisms of different kinds of blast-induced cracks and their extension characteristics in rock mass	Computers and Geotechnics	10.1016/j.compgeo.2024.106747
Zhao K.; Zhong Q.; Chen S.; Wu H.; Shan Y.; Qian B.; Jing P.; Chao Y.	Experimental study on overtopping failure of concrete face rockfill dam	Case Studies in Construction Materials	10.1016/j.cscm.2024.e03640
Tang X.; Wang Y.; Cui J.; Zhang K.; Bi S.	Dynamic viscosity, interfacial tension and diffusion coefficient of n-hexane, cyclohexane, 2-methylpentane with dissolved CO ₂	Journal of Chemical Thermodynamics	10.1016/j.jct.2024.107360
Zhi D.; Song D.; Chen Y.; Yang Y.; Zhao H.; Wang T.; Wu H.; Song W.; Yang X.; Liu Y.	Spatial insights for sustainable transportation based on carbon emissions from multiple transport modes: A township-level case study in China	Cities	10.1016/j.cities.2024.105405
Yu M.; Jin D.; Liu Y.; You Z.; Li Y.	Performance evaluation of surface treatment waste glass as aggregate in asphalt mixture	Case Studies in Construction Materials	10.1016/j.cscm.2024.e03767
Zhang W.X.; Wang W.W.; He C.	Construction of novel β -XY (X = Ge, Sn, Y = S)/g-C ₃ N ₄ heterostructures: efficient visible light-driven water splitting catalysts	Surfaces and Interfaces	10.1016/j.surfin.2024.105194
Kang K.; Yang S.; Cui J.; Gu Y.	Theoretical study and experimental verification of the	International Journal	10.1016/j.ijrefri

	viscosities of azeotropic refrigerant R515B; [Étude théorique et vérification expérimentale des viscosités du frigorigène azéotrope R515B]	of Refrigeration	g.2024.08.012
Wei X.; Wu X.; Zhang H.; Lan T.; Cheng C.; Wu Y.; Aggidis G.	A framework for drought monitoring and assessment from a drought propagation perspective under non-stationary environments	Science of the Total Environment	10.1016/j.scitotenv.2024.175981
Wang Y.; Niu Y.; Xiao M.; Zhu W.; You X.	Modeling framework of human driving behavior based on Deep Maximum Entropy Inverse Reinforcement Learning	Physica A: Statistical Mechanics and its Applications	10.1016/j.physa.2024.130052
Zhou X.-B.; Wu W.-W.; Song Y.-C.; Han L.-L.; Liao W.-P.; Liu L.-L.; Wang Z.; Chen X.-M.; Liu P.	Polarization loss in rutile TiO ₂ doped with acceptor ions for microwave absorption	Applied Surface Science	10.1016/j.apsusc.2024.160767
Xu Y.; Li W.; Liang B.; Qi C.; Hua R.; Zhao Q.; Chen Y.	Enhancement of wear and corrosion resistance of pulsed electrodeposited Ni – Mo amorphous/nanocrystalline coatings by heat treatment	Vacuum	10.1016/j.vacuum.2024.113549
Wang L.; Shen A.; He Z.; Liu M.; Wang C.; Guo Y.	Effect of SiO ₂ aerogel on the thermal properties of RAP and the blending degree of new and old asphalt binder	Construction and Building Materials	10.1016/j.conbuildmat.2024.138212
Li Y.; Li P.; Yan D.; Liu Y.; Liu Z.	Deep knowledge distillation: A self-mutual learning framework for traffic prediction	Expert Systems with Applications	10.1016/j.eswa.2024.124138
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