



# 中南民族大学

## ESI学科追踪分析报告

(2024年第1期 总第2期)

中南民族大学图书馆 信息咨询部

2024 年 1月

# 名词解释

一、相对排名（**Relative Ranking**）：指某机构的 ESI 排名占有所有上榜机构数的百分比。

二、ESI 潜力值：指某机构某学科近十年的论文被引频次与该学科门槛值之间的比值，比值越接近1，潜力越大。

三、ESI高被引论文（**Highly Cited Papers**）：统计某一ESI学科近十年发表的论文，同一年该学科发表论文的被引用次数排在前1%的论文。

四、ESI 热点论文（**Hot Papers**）：统计某一ESI 学科近两年发表的论文，最近两个月里被引用次数排在前 0.1%的论文。

五、ESI 学科阈值（**ESI Thresholds**）：指近十年，某一 ESI 学科被引次数排在前 1%的机构的最低被引次数。

六、高被引论文阈值（**Highly Cited Thresholds**）：指近十年，某一 ESI 学科被引次数排在前 1%的论文的最低被引次数。

七、热点论文阈值（**Hot Paper Thresholds**）：指近两年，某一 ESI 学科最近两个月被引次数排在前 0.1%的论文的最低被引次数。

# 目 录

一、 我校 ESI 学科排名情况.....	1
二、 我校 ESI 潜力学科预测.....	1
三、 我校 ESI 高被引论文和热点论文情况 .....	2
四、 ESI 学科阈值.....	3
五、 高被引论文阈值 .....	4
六、 热点论文阈值 .....	5
附件： 我校高被引论文和热点论文详细信息.....	7



## 一、我校 ESI 学科排名情况

根据基本科学指标数据库（Essential Science Indicators，简称ESI）最新数据显示（2024年1月12日更新，基于2013年1月1日-2023年10月31日Web of Science的数据），我校进入ESI国际学科排名前1%行列的学科有3个，分别是化学、工程科学、材料学。

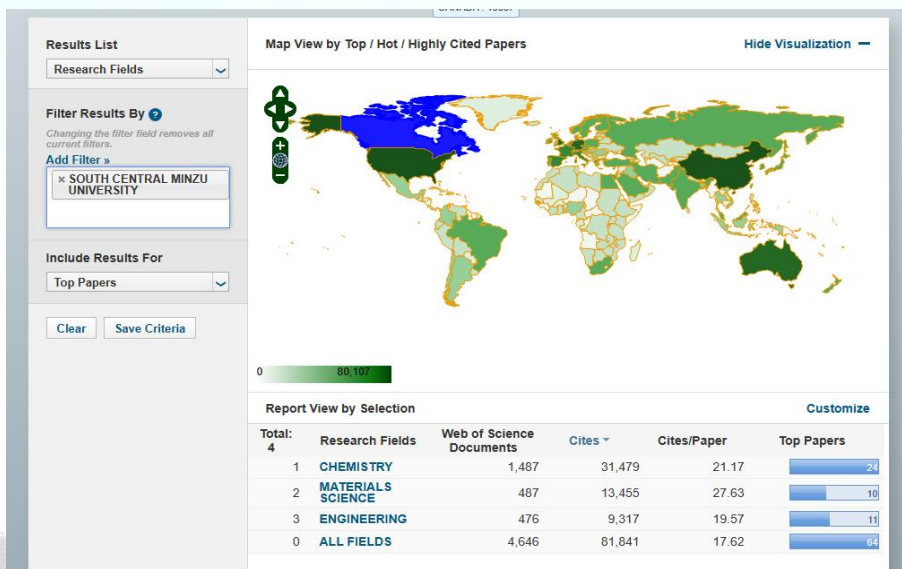


图1 中南民族大学进入ESI的学科

根据科睿唯安公布的ESI最新统计数据，化学全球共有1891家机构进入ESI前1%，我校位居733名，排位是733/1891 $\approx$ 38.79%，较11月份（731/1854 $\approx$ 39.43）排位提升0.67个百分点；材料学，全球1370家机构进入ESI前1%，我校位居964名，排位是964/1370 $\approx$ 70.36%，较11月份（965/1342 $\approx$ 71.91%）排位提升1.55个百分点。工程学全球共有2390家机构进入ESI前1%，我校位居1302名，排位是1302/2390 $\approx$ 54.48%，较11月份（1297/2336 $\approx$ 55.52%）排位提升0.71个百分点。我校的整体排位较上期前过0.39个百分点，具体统计结果如表1所示。

表 1 2024年 1 月中南民族大学进入 ESI 的学科及排名

序号	学科名称	机构排名 /上榜	相对 排名	论文 总数	总被引 频次	篇均被 引频次	上期排名/ 上榜	排位变动 百分点
1	化学	733/1891	38.76%	1487	31479	21.17	731/1854	↑0.67
2	材料科学	964/1370	70.36%	487	13455	27.63	965/1342	↑1.55
3	工程学	1302/2390	54.48.%	476	9317	19.57	1297/2336	↑1.04
4	所有学科	2345/9055	25.90%	4646	81841	17.62	2340/8901	↑0.39

## 二、我校ESI潜力学科预测

通过InCites（基于引文的综合性科研评估工具）数据库筛选中南民族大学2013-2023年 ESI 其他19个学科发表的Web of Science论文的被引频次,并分别与ESI学科门槛值进行比较,并计算出与 ESI 绝对差距和与 ESI 潜力值,ESI 潜力值越接近1,表明该学科进入 ESI 前1%行列的可能性越大。

表 2 2024年1月中南民族大学ESI潜力学科

学科名称	ESI 学科阈值	我校 论文篇数	我校 总被引频 次	与 ESI 绝对差距	本期ESI 潜力值	上期ESI 潜力值	较上期 ESI潜力值 变动百分点
计算机科学	5084	268	5024	-61	98.82%	98.17%	↑0.65
环境学/生态学	4809	250	4588	-221	95.40%	92.52%	↑2.88
药理学与毒理学	4002	325	3336	-666	83.36%	81.97%	↑1.39
农业科学	3400	158	2151	-1242	63.26%	61.12%	↑2.14
植物学与动物学	3176	171	1725	-1451	54.31%	53.84%	↑0.47

由表2可以看出,我校计算机科学、环境学/生态学、药理学与毒理学进入ESI前1%的可能性较大,其中计算机科学的潜力值最高。

## 三、我校 ESI 高被引论文和热点论文情况

表 3 2024 年1月中南民族大学高被引论文学科分布

学科名称	第一作者论文 数量	通讯作者论文 数量	Q1区论文数量	总数
化学	16	19	20	24
工程学	10	10	11	11
材料科学	5	4	10	10
计算机科学	0	0	1	2
环境学/生态学	4	3	4	5
分子生物学与遗传学	0	0	1	1
物理学	0	1	1	1
农业科学	2	4	3	4
数学	1	1	2	2
社会科学总论	2	1	2	2
植物学与动物学	1	1	1	1
所有学科	41	44	57	63

ESI高被引论文(Highly Cited Papers)指近10年间各研究领域中被引次数排名位于全球前1%的论文。据ESI最新数据显示，截止2024年1月15日，我校共有63篇论文入选ESI高被引论文，其中57篇论文分布于Q1区。高被引论文数量比2023年11月统计数据增加了1篇，其中第一作者单位署名为中南民族大学的论文有41篇，通讯作者单位署名为中南民族大学的论文有441篇。入选的63篇高被引论文涉及化学、工程、材料、计算机科学、环境学/生态学分子生物学与遗传学、物理、农业科学、数学、社会科学总论、植物学与动物学11个学科。

ESI热点论文(Hot Papers)是指在过去两年内发表的论文，近两个月的被引次数排在该学科排名前0.1%的论文。截至2024年1月15日。我校有3篇论文入选ESI热点论文，这3篇热点论文涉及材料学、工程学/化学及社会科学3个学科。本期高被引论文的学科分布情况见表3，热点论文情况见表4

表4 2024年1月中南民族大学热点论文详情

作者	文章名称	所载期刊名称	文献类型	总被引次数	发表时间	研究方向
Mi, Xiaoqian; Liang, Nuo; Xu, Haifeng; Wu, Juan; Jiang, Yu; Nie, Bei; Zhang, Daohong	Toughness and its mechanisms in epoxy resins	PROGRESS IN MATERIALS SCIENCE	Review	70	2022	Materials Science
Li, Shijie; Cai, Mingjie; Liu, Yanping; Wang, Chunqun; Lv, Kangle; Chen, Xiaobo	S-Scheme photocatalyst TaON/Bi2WO6 nanofibers with oxygen vacancies for efficient abatement of antibiotics and Cr(VI): Intermediate eco-toxicity analysis and mechanistic insights	CHINESE JOURNAL OF CATALYSIS	Article	210	2022	Chemistry; Engineering
Zhai, Huayun; Yang, Min; Chan, Kam C.	Does digital transformation enhance a firm's performance? Evidence from China	TECHNOLOGY IN SOCIETY	Article	87	2022	Social Issues; Social Sciences - Other Topics

#### 四、ESI 学科阈值

ESI学科阈值(ESI Thresholds)是指近十年，某一ESI学科被引次数排在前1%的机构的最低被引次数。本期22个ESI学科的阈值如表5所示。

表 5 2024年1月ESI学科阈值

序号	ESI 学科英文名称	ESI 学科中文名称	ESI 学科阈值
1	Agricultural Science	农业科学	3400

2	Biology & Biochemistry	生物学与生物化学	7161
3	Chemistry	化学	8205
4	Clinical Medicine	临床医学	4203
5	Computer Science	计算机科学	5084
6	Economics & Business	经济学与商学	6604
7	Engineering	工程学	3542
8	Environment/ Ecology	环境学/生态学	4809
9	Geosciences	地球科学	6423
10	Immunology	免疫学	5587
11	Materials Science	材料科学	8423
12	Mathematics	数学	5069
13	Microbiology	微生物学	5832
14	Molecular Biology & Genetics	分子生物学与遗传学	13818
15	Multidisciplinary	跨学科	4092
16	Neuroscience & Behavior	神经科学与行为学	7470
17	Pharmacology & Toxicology	药理学与毒理学	4002
18	Physics	物理学	20732
19	Plant & Animal Science	植物学与动物学	3176
20	Psychiatry/Psychology	精神病学/心理学	4476
21	Social Sciences--general	社会科学总论	1861
22	Space Science	空间科学	47079

## 五、高被引论文阈值

高被引论文阈值（Highly Cited Thresholds）是指近十年，某一ESI学科被引次数排在前1%的论文的最低被引次数。本期高被引论文阈值如表6所示。

表 6 2024 年 1 月 ESI 高被引论文阈值

RESEARCH FIELDS	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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AGRICULTURAL SCIENCES	170	163	157	139	131	120	102	83	53	23	6
BIOLOGY & BIOCHEMISTRY	286	269	239	222	198	174	148	115	65	28	7
CHEMISTRY	260	247	239	209	197	176	148	117	77	35	9
CLINICAL MEDICINE	225	212	204	189	177	151	121	109	60	25	7
COMPUTER SCIENCE	177	180	159	157	163	149	132	112	70	31	10
ECONOMICS & BUSINESS	231	214	186	171	157	131	107	92	63	29	8
ENGINEERING	173	166	164	156	152	143	120	99	70	33	9
ENVIRONMENT/ ECOLOGY	300	291	266	228	209	183	147	118	74	31	8
GEOSCIENCES	246	216	191	168	149	126	107	83	51	25	7
IMMUNOLOGY	327	326	279	249	222	205	172	208	101	36	8
MATERIALS SCIENCE	323	328	305	286	267	238	188	144	90	43	10
MATHEMATICS	84	77	76	66	61	57	49	40	26	14	5
MICROBIOLOGY	263	246	218	233	210	180	143	169	71	28	6
MOLECULAR BIOLOGY & GENETICS	465	425	376	338	285	296	228	186	100	44	9
MULTIDISCIPLINARY	544	293	428	271	272	289	220	297	139	67	8
NEUROSCIENCE & BEHAVIOR	292	261	236	212	198	170	129	99	54	24	6
PHARMACOLOGY & TOXICOLOGY	203	188	172	156	147	135	107	89	54	24	7
PHYSICS	201	193	180	163	145	132	109	85	57	27	7
PLANT & ANIMAL SCIENCE	172	155	144	127	112	96	81	62	37	17	5
PSYCHIATRY/PSYCHOLOGY	234	217	191	166	159	123	95	95	49	17	5
SOCIAL SCIENCES, GENERAL	153	144	129	113	106	92	73	67	43	18	5
SPACE SCIENCE	313	242	236	207	179	169	135	102	60	30	12

## 六、 热点论文阈值

热点论文阈值（Hot Paper Thresholds）是指近两年，某一ESI学科最近两个月被引次数排在前0.1%的论文的最低被引次数。本期热点论文阈值如表7所示。

表 7 2024 年 1月 ESI 热点论文阈值

RESEARCH FIELDS	2021-6	2022-1	2022-2	2022-3	2022-4	2022-5	2022-6	2023-1	2023-2	2023-3	2023-4	2023-5
AGRICULTURAL SCIENCES	8	9	7	7	7	6	6	6	6	4	4	2
BIOLOGY & BIOCHEMISTRY	23	11	15	10	9	9	11	8	7	6	5	4
CHEMISTRY	13	15	14	13	12	11	11	10	10	8	5	3
CLINICAL MEDICINE	12	16	13	13	11	11	10	9	9	7	5	4
COMPUTER SCIENCE	12	10	12	9	9	9	9	8	9	7	5	4
ECONOMICS & BUSINESS	11	11	13	12	10	10	7	10	7	6	5	3
ENGINEERING	10	10	11	10	9	10	9	8	8	8	6	4
ENVIRONMENT/ ECOLOGY	12	12	11	10	11	9	9	9	8	7	4	3
GEOSCIENCES	10	9	9	9	10	7	7	7	8	6	5	3
IMMUNOLOGY	18	14	20	14	18	11	12	8	8	6	5	4
MATERIALS SCIENCE	16	16	15	15	14	14	13	12	11	9	6	3
MATHEMATICS	4	4	5	5	5	5	5	5	5	6	5	2
MICROBIOLOGY	12	16	11	8	19	9	9	11	6	6	4	3
MOLECULAR BIOLOGY & GENETICS	17	25	26	20	19	14	15	18	12	9	6	4
MULTIDISCIPLI NARY	30	19	19	14	16	13	24	8	7	4	9	2
NEUROSCIENCE & BEHAVIOR	11	12	12	9	10	8	8	6	7	6	4	3
PHARMACOLOG Y & TOXICOLOGY	10	12	9	11	10	8	9	6	7	5	4	3
PHYSICS	9	11	10	10	9	9	7	8	7	6	4	3
PLANT & ANIMAL SCIENCE	7	7	7	6	6	6	6	6	6	4	3	3
PSYCHIATRY/ PSYCHOLOGY	7	9	8	7	7	6	6	6	5	4	3	5
SOCIAL SCIENCES, GENERAL	7	9	7	7	7	7	6	7	6	5	4	5
SPACE SCIENCE	8	8	10	18	15	10	14	12	17	11	10	7



附件:

## 我校高被引论文和热点论文详细信息

下面列出本期 63篇高被引论文和3 篇热点论文的详细信息。

### 一、本期 63篇高被引论文：

63 record(s) printed from Clarivate Web of Science

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#### Record 1 of 63

**Title:** A sensitized ratiometric fluorescence probe based on N/S doped carbon dots and mercaptoacetic acid capped CdTe quantum dots for the highly selective detection of multiple tetracycline antibiotics in food

**Author(s):** Fan, Y (Fan, Yao); Shen, L (Shen, Lu); Liu, YQ (Liu, Yaqi); Hu, Y (Hu, Ying); Long, WJ (Long, Wanjun); Fu, HY (Fu, Haiyan); She, YB (She, Yuanbin)

**Source:** FOOD CHEMISTRY **Volume:** 421 **Article Number:** 136105

**DOI:** 10.1016/j.foodchem.2023.136105 **Early Access Date:** APR 2023 **Published:** SEP 30 2023

**Times Cited in Web of Science Core Collection:** 7

**Total Times Cited:** 6

**Accession Number:** WOS:000983691600001

**Affiliations:** Zhejiang University of Technology; South Central Minzu University

**Research Areas:** Chemistry; Food Science & Technology; Nutrition & Dietetics

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#### Record 2 of 63

**Title:** Cooperative catalysis of Co single atoms and nanoparticles enables selective CAr-OCH<sub>3</sub> cleavage for sustainable production of lignin-based cyclohexanols

**Author(s):** Wang, BY (Wang, Baoyu); Zhou, P (Zhou, Peng); Yan, XM (Yan, Ximing); Li, H (Li, Hu); Wu, HG (Wu, Hongguo); Zhang, ZH (Zhang, Zehui)

**Source:** JOURNAL OF ENERGY CHEMISTRY **Volume:** 79 **Pages:** 535-549

**DOI:** 10.1016/j.jechem.2022.12.020 **Early Access Date:** FEB 2023 **Published:** APR 2023

**Times Cited in Web of Science Core Collection:** 13

**Total Times Cited:** 13

**Accession Number:** WOS:000948368400001

**Affiliations:** Guizhou University; South Central Minzu University; South Central Minzu University; Beibu Gulf University; Guizhou University

**Research Areas:** Chemistry; Energy & Fuels; Engineering

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#### Record 3 of 63

**Title:** Uncovering the pathway of peroxymonosulfate activation over Co<sub>0.5</sub>Zn<sub>0.5</sub>O nanosheets for singlet oxygen generation: Performance and membrane application

**Author(s):** Zhang, XK (Zhang, Xiaoke); Liu, J (Liu, Jin); Zhang, HZ (Zhang, Hongzhong); Wan, Z (Wan, Zhen); Li, J (Li, Jun)

**Source:** APPLIED CATALYSIS B-ENVIRONMENTAL **Volume:** 327 **Article Number:** 122429

**DOI:** 10.1016/j.apcatb.2023.122429 **Early Access Date:** FEB 2023 **Published:** JUN 15 2023

**Times Cited in Web of Science Core Collection:** 20

**Total Times Cited:** 21

**Accession Number:** WOS:001005443900001

**Affiliations:** Zhengzhou University; Zhoukou Normal University; Zhengzhou University of Light Industry; South Central Minzu University; South Central Minzu University

**Research Areas:** Chemistry; Engineering

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#### Record 4 of 63

**Title:** Insight into synergistic effect of Ti3C2 MXene and MoS2 on anti-photocorrosion and photocatalytic of CdS for hydrogen production

**Author(s):** Wu, C (Wu, Chao); Huang, WX (Huang, Weixin); Liu, HM (Liu, Huanmin); Lv, KL (Lv, Kangle); Li, Q (Li, Qin)

**Source:** APPLIED CATALYSIS B-ENVIRONMENTAL **Volume:** 330 **Article Number:** 122653

**DOI:** 10.1016/j.apcatb.2023.122653 **Early Access Date:** MAR 2023 **Published:** AUG 5 2023

**Times Cited in Web of Science Core Collection:** 21

**Total Times Cited:** 21

**Accession Number:** WOS:001053249500001

**Affiliations:** South Central Minzu University; South Central Minzu University; South Central Minzu University

**Research Areas:** Chemistry; Engineering

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#### Record 5 of 63

**Title:** The impact of natural resources on green growth: The role of green trade

**Author(s):** Xu, XY (Xu, Xiaoying)

**Source:** RESOURCES POLICY **Volume:** 78 **Article Number:** 102720

**DOI:** 10.1016/j.resourpol.2022.102720 **Early Access Date:** JUN 2022 **Published:** SEP 2022

**Times Cited in Web of Science Core Collection:** 21

**Total Times Cited:** 21

**Accession Number:** WOS:000877524300001

**Affiliations:** South Central Minzu University

**Research Areas:** Environmental Sciences & Ecology

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#### Record 6 of 63

**Title:** Evaluating the Factors of Green Finance to Achieve Carbon Peak and Carbon Neutrality Targets in China: A Delphi and Fuzzy AHP Approach

**Author(s):** Li, CF (Li, Chaofeng); Solangi, YA (Solangi, Yasir Ahmed); Ali, S (Ali, Sharafat)

**Source:** SUSTAINABILITY **Volume:** 15 **Issue:** 3 **Article Number:** 2721

**DOI:** 10.3390/su15032721 **Published:** FEB 2023

**Times Cited in Web of Science Core Collection:** 22

**Total Times Cited:** 22

**Accession Number:** WOS:000930747100001

**Affiliations:** South Central Minzu University; Nanjing University of Aeronautics & Astronautics; Jiangsu University

**Research Areas:** Science & Technology - Other Topics; Environmental Sciences & Ecology

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#### Record 7 of 63

**Title:** Untargeted metabolomic analysis of Chinese red wines for geographical origin traceability by UPLC-QTOF-MS coupled with chemometrics

**Author(s):** Pan, Y (Pan, Yuan); Gu, HW (Gu, Hui-Wen); Lv, Y (Lv, Yi); Yin, XL (Yin, Xiao-Li); Chen, Y (Chen, Ying); Long, WJ (Long, Wanjun); Fu, HY (Fu, Haiyan); She, YB (She, Yuanbin)

**Source:** FOOD CHEMISTRY **Volume:** 394 **Article Number:** 133473

**DOI:** 10.1016/j.foodchem.2022.133473 **Early Access Date:** JUN 2022 **Published:** NOV 15 2022

**Times Cited in Web of Science Core Collection:** 26

**Total Times Cited:** 29

**Accession Number:** WOS:000822979200008

**Affiliations:** Yangtze University; South Central Minzu University; Zhejiang University of Technology

**Research Areas:** Chemistry; Food Science & Technology; Nutrition & Dietetics

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#### Record 8 of 63

**Title:** Effect of oxygen vacancies on the photocatalytic activity of flower-like BiOBr microspheres towards NO oxidation and CO<sub>2</sub> reduction

**Author(s):** Li, XF (Li, Xiaofang); Li, KN (Li, Kaining); Ding, D (Ding, Deng); Yan, JT (Yan, Juntao); Wang, CL (Wang, Chunlei); Carabineiro, SAC (Carabineiro, Sonia A. C.); Liu, Y (Liu, Yi); Lv, KL (Lv, Kangle)

**Source:** SEPARATION AND PURIFICATION TECHNOLOGY **Volume:** 309 **Article Number:** 123054

**DOI:** 10.1016/j.seppur.2022.123054 **Early Access Date:** JAN 2023 **Published:** MAR 15 2023

**Times Cited in Web of Science Core Collection:** 37

**Total Times Cited:** 36

**Accession Number:** WOS:000921243700001

**Affiliations:** Wuhan Polytechnic University; South Central Minzu University; Universidade Nova de Lisboa; Tiangong University; Osaka University

**Research Areas:** Engineering

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#### Record 9 of 63

**Title:** The chromosome-scale reference genome of safflower (*Carthamus tinctorius*) provides insights into linoleic acid and flavonoid biosynthesis

**Author(s):** Wu, ZH (Wu, Zhihua); Liu, H (Liu, Hong); Zhan, W (Zhan, Wei); Yu, ZC (Yu, Zhichao); Qin, ER (Qin, Erdai); Liu, S (Liu, Shuo); Yang, TG (Yang, Tiange); Xiang, NY (Xiang, Niyan); Kudrna, D (Kudrna, Dave); Chen, Y (Chen, Yan); Lee, SH (Lee, Seunghee); Li, G (Li, Gang); Wing, RA (Wing, Rod A.); Liu, J (Liu, Jiao); Xiong, HR (Xiong, Hairong); Xia, CJ (Xia, Chunjiao); Xing, YZ (Xing, Yongzhong); Zhang, JW (Zhang, Jianwei); Qin, R (Qin, Rui)

**Source:** PLANT BIOTECHNOLOGY JOURNAL **Volume:** 19 **Issue:** 9 **Pages:** 1725-1742

**DOI:** 10.1111/pbi.13586 **Early Access Date:** APR 2021 **Published:** SEP 2021

**Times Cited in Web of Science Core Collection:** 40

**Total Times Cited:** 42

**Accession Number:** WOS:000637986300001

**Affiliations:** South Central Minzu University; Huazhong Agricultural University; University of Arizona; King Abdullah University of Science & Technology

**Research Areas:** Biotechnology & Applied Microbiology; Plant Sciences

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#### Record 10 of 63

**Title:** Highly Emissive Multipurpose Organoplatinum(II) Metallacycles with Contrasting Mechanoresponsive Features

**Author(s):** Yin, Y (Yin, Ya); Chen, Z (Chen, Zhao); Li, RH (Li, Run-Hao); Yi, F (Yi, Fan); Liang, XC (Liang, Xiao-Cui); Cheng, SQ (Cheng, Shi-Qi); Wang, K (Wang, Kai); Sun, Y (Sun, Yue); Liu, Y (Liu, Yi)

**Source:** INORGANIC CHEMISTRY **Volume:** 61 **Issue:** 6 **Pages:** 2883-2891

**DOI:** 10.1021/acs.inorgchem.1c03563 **Published:** FEB 14 2022

**Times Cited in Web of Science Core Collection:** 45

**Total Times Cited:** 45

**Accession Number:** WOS:000762972000017

**Affiliations:** Tiangong University; South Central Minzu University; Jiangxi Science & Technology Normal University; Jilin University

**Research Areas:** Chemistry

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#### Record 11 of 63

**Title:** Targeted photodynamic therapy using a water-soluble aggregation-Induced emission photosensitizer activated by an acidic tumor microenvironment

**Author(s):** Min, XH (Min, Xuehong); Yi, F (Yi, Fan); Han, XL (Han, Xiao-Le); Li, M (Li, Ming); Gao, QC (Gao, Qianci); Liang, XC (Liang, Xiaocui); Chen, Z (Chen, Zhao); Sun, Y (Sun, Yue); Liu, Y (Liu, Yi)

**Source:** CHEMICAL ENGINEERING JOURNAL **Volume:** 432 **Article Number:** 134327

**DOI:** 10.1016/j.cej.2021.134327 **Early Access Date:** JAN 2022 **Published:** MAR 15 2022

**Times Cited in Web of Science Core Collection:** 55

**Total Times Cited:** 55

**Accession Number:** WOS:000787040500004

**Affiliations:** Tiangong University; South Central Minzu University; South Central Minzu University; Jiangxi Science & Technology Normal University; Chinese Academy of Sciences; University of Science & Technology of China, CAS

**Research Areas:** Engineering

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**Record 12 of 63**

**Title:** Synergistic effect of cyano defects and CaCO<sub>3</sub> in graphitic carbon nitride nanosheets for efficient visible-light-driven photocatalytic NO removal

**Author(s):** Li, KN (Li, Kaining); Zhou, WC (Zhou, Weichuang); Li, XF (Li, Xiaofang); Li, Q (Li, Qin); Carabineiro, SAC (Carabineiro, Sonia A. C.); Zhang, SS (Zhang, Sushu); Fan, JJ (Fan, Jiajie); Lv, KL (Lv, Kangle)

**Source:** JOURNAL OF HAZARDOUS MATERIALS **Volume:** 442 **Article Number:** 130040

**DOI:** 10.1016/j.jhazmat.2022.130040 **Early Access Date:** SEP 2022 **Published:** JAN 15 2023

**Times Cited in Web of Science Core Collection:** 57

**Total Times Cited:** 57

**Accession Number:** WOS:000874291800004

**Affiliations:** Wuhan Polytechnic University; South Central Minzu University; Universidade Nova de Lisboa; Zhengzhou University

**Research Areas:** Engineering; Environmental Sciences & Ecology

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**Record 13 of 63**

**Title:** High H<sub>2</sub>O<sub>2</sub> selectivity and enhanced Fe<sup>2+</sup> regeneration toward an effective electro-Fenton process based on a self-doped porous biochar cathode

**Author(s):** Luo, ZP (Luo, Zhipeng); Liu, MT (Liu, Mingtao); Tang, DY (Tang, Diyoung); Xu, Y (Xu, Yao); Ran, HH (Ran, Honghua); He, J (He, Jing); Chen, K (Chen, Ke); Sun, J (Sun, Jie)

**Source:** APPLIED CATALYSIS B-ENVIRONMENTAL **Volume:** 315 **Article Number:** 121523

**DOI:** 10.1016/j.apcatb.2022.121523 **Early Access Date:** MAY 2022 **Published:** OCT 15 2022

**Times Cited in Web of Science Core Collection:** 58

**Total Times Cited:** 58

**Accession Number:** WOS:000810387200005

**Affiliations:** South Central Minzu University

**Research Areas:** Chemistry; Engineering

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**Record 14 of 63**

**Title:** Overturned Loading of Inert CeO<sub>2</sub> to Active Co<sub>3</sub>O<sub>4</sub> for Unusually Improved Catalytic Activity in Fenton-Like Reactions

**Author(s):** Song, CL (Song, Chunli); Zhan, Q (Zhan, Qing); Liu, F (Liu, Fei); Wang, C (Wang, Chuan); Li, HC (Li, Hongchao); Wang, X (Wang, Xuan); Guo, XF (Guo, Xuefeng); Cheng, YC (Cheng, Yingchun); Sun, W (Sun, Wei); Wang, L (Wang, Li); Qian, JS (Qian, Jieshu); Pan, BC (Pan, Bingcai)

**Source:** ANGEWANDTE CHEMIE-INTERNATIONAL EDITION **Volume:** 61 **Issue:** 16

**Article Number:** e202200406 **DOI:** 10.1002/anie.202200406 **Early Access Date:** FEB 2022  
**Published:** APR 11 2022

**Times Cited in Web of Science Core Collection:** 60

**Total Times Cited:** 62

**Accession Number:** WOS:000758271800001

**Affiliations:** Nanjing University of Science & Technology; Nanjing Tech University; Nanjing Tech University; Nanjing University; South Central Minzu University; Nanjing University

**Research Areas:** Chemistry

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#### Record 15 of 63

**Title:** Designing Advanced Aqueous Zinc-Ion Batteries: Principles, Strategies, and Perspectives

**Author(s):** Li, Y (Li, Yan); Wang, ZH (Wang, Zhouhao); Cai, Y (Cai, Yi); Pam, ME (Pam, Mei Er); Yang, YK (Yang, Yingkui); Zhang, DH (Zhang, Daohong); Wang, Y (Wang, Ye); Huang, SZ (Huang, Shaozhuan)

**Source:** ENERGY & ENVIRONMENTAL MATERIALS **Volume:** 5 **Issue:** 3 **Pages:** 823-851

**DOI:** 10.1002/eem2.12265 **Early Access Date:** MAR 2022 **Published:** JUL 2022

**Times Cited in Web of Science Core Collection:** 62

**Total Times Cited:** 64

**Accession Number:** WOS:000769183900001

**Affiliations:** South Central Minzu University; South Central Minzu University; Nanyang Technological University & National Institute of Education (NIE) Singapore; Nanyang Technological University; National University of Singapore; Zhengzhou University

**Research Areas:** Materials Science

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#### Record 16 of 63

**Title:** A novel thioctic acid-carbon dots fluorescence sensor for the detection of  $\text{Hg}^{2+}$  and thiophanate methyl via S-Hg affinity

**Author(s):** Wang, S (Wang, Shuo); Chen, HY (Chen, Hengye); Xie, HL (Xie, Hongliang); Wei, LN (Wei, Liuna); Xu, L (Xu, Lu); Zhang, L (Zhang, Lei); Lan, W (Lan, Wei); Zhou, CS (Zhou, Chunsong); She, YB (She, Yuanbin); Fu, HY (Fu, Haiyan)

**Source:** FOOD CHEMISTRY **Volume:** 346 **Article Number:** 128923

**DOI:** 10.1016/j.foodchem.2020.128923 **Early Access Date:** JAN 2021 **Published:** JUN 1 2021

**Times Cited in Web of Science Core Collection:** 64

**Total Times Cited:** 66

**Accession Number:** WOS:000614647000009

**Affiliations:** South Central Minzu University; Zhejiang University of Technology; Tongren University

**Research Areas:** Chemistry; Food Science & Technology; Nutrition & Dietetics

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#### Record 17 of 63

**Title:** Exponential stability for a class of memristive neural networks with mixed time-varying delays

**Author(s):** Zhang, GD (Zhang, Guodong); Zeng, ZG (Zeng, Zhigang)

**Source:** APPLIED MATHEMATICS AND COMPUTATION **Volume:** 321 **Pages:** 544-554

**DOI:** 10.1016/j.amc.2017.11.022 **Published:** MAR 15 2018

**Times Cited in Web of Science Core Collection:** 65

**Total Times Cited:** 67

**Accession Number:** WOS:000417521600039

**Affiliations:** South Central Minzu University; Huazhong University of Science & Technology

**Research Areas:** Mathematics

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#### Record 18 of 63

**Title:** Finite-Time Stabilization of Complex Dynamical Networks via Optimal Control

**Author(s):** Mei, GF (Mei, Guofeng); Wu, XQ (Wu, Xiaoqun); Ning, D (Ning, Di); Lu, JA (Lu, Jun-An)

**Source:** COMPLEXITY **Volume:** 21 **Issue:** S1 **Pages:** 417-425

**DOI:** 10.1002/cplx.21755 **Published:** SEP-OCT 2016

**Times Cited in Web of Science Core Collection:** 77

**Total Times Cited:** 77

**Accession Number:** WOS:000388332600032

**Affiliations:** Wuhan University; Wuhan University; South Central Minzu University

**Research Areas:** Mathematics; Science & Technology - Other Topics

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#### Record 19 of 63

**Title:** Closed-Loop Recyclable Fully Bio-Based Epoxy Vitrimers from Ferulic Acid-Derived Hyperbranched Epoxy Resin

**Author(s):** Zhong, LY (Zhong, Liuyue); Hao, YX (Hao, Yanxin); Zhang, JH (Zhang, Junheng); Wei, F (Wei, Fang); Li, TC (Li, Tingcheng); Miao, MH (Miao, Menghe); Zhang, DH (Zhang, Daohong)

**Source:** MACROMOLECULES **Volume:** 55 **Issue:** 2 **Pages:** 595-607

**DOI:** 10.1021/acs.macromol.1c02247 **Early Access Date:** JAN 2022 **Published:** JAN 25 2022

**Times Cited in Web of Science Core Collection:** 81

**Total Times Cited:** 83

**Accession Number:** WOS:000742115300001

**Affiliations:** South Central Minzu University; South Central Minzu University; Commonwealth Scientific & Industrial Research Organisation (CSIRO)

**Research Areas:** Polymer Science

---

#### Record 20 of 63

**Title:** Copper catalysts for radical and nonradical persulfate based advanced oxidation processes: Certainties and uncertainties

**Author(s):** Ding, YB (Ding, Yaobin); Fu, LB (Fu, Libin); Peng, XQ (Peng, Xueqin); Lei, M (Lei, Ming); Wang, CJ (Wang, Chengjun); Jiang, JZ (Jiang, Jizhou)

**Source:** CHEMICAL ENGINEERING JOURNAL **Volume:** 427 **Article Number:** 131776

**DOI:** 10.1016/j.cej.2021.131776 **Published:** JAN 1 2022

**Times Cited in Web of Science Core Collection:** 83

**Total Times Cited:** 86

**Accession Number:** WOS:000769391400010

**Affiliations:** South Central Minzu University; Wuhan Institute of Technology

**Research Areas:** Engineering

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#### Record 21 of 63

**Title:** Toughness and its mechanisms in epoxy resins

**Author(s):** Mi, XQ (Mi, Xiaoqian); Liang, N (Liang, Nuo); Xu, HF (Xu, Haifeng); Wu, J (Wu, Juan); Jiang, Y (Jiang, Yu); Nie, B (Nie, Bei); Zhang, DH (Zhang, Daohong)

**Source:** PROGRESS IN MATERIALS SCIENCE **Volume:** 130 **Article Number:** 100977

**DOI:** 10.1016/j.pmatsci.2022.100977 **Published:** OCT 2022

**Times Cited in Web of Science Core Collection:** 85

**Total Times Cited:** 93

**Accession Number:** WOS:000815784300001

**Affiliations:** South Central Minzu University; South Central Minzu University

**Research Areas:** Materials Science

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#### Record 22 of 63

**Title:** Review of the toxic effects of ionic liquids

**Author(s):** Cho, CW (Cho, Chul-Woong); Pham, TPT (Thi Phuong Thuy Pham); Zhao, YF (Zhao, Yufeng); Stolte, S (Stolte, Stefan); Yun, YS (Yun, Yeoung-Sang)

**Source:** SCIENCE OF THE TOTAL ENVIRONMENT **Volume:** 786 **Article Number:** 147309

**DOI:** 10.1016/j.scitotenv.2021.147309 **Early Access Date:** MAY 2021 **Published:** SEP 10 2021

**Times Cited in Web of Science Core Collection:** 106

**Total Times Cited:** 108

**Accession Number:** WOS:000660250700012

**Affiliations:** Chonnam National University; Ho Chi Minh City University of Food Industry; South Central Minzu University; Technische Universitat Dresden; Jeonbuk National University

**Research Areas:** Environmental Sciences & Ecology

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#### Record 23 of 63

**Title:** Does digital transformation enhance a firm's performance? Evidence from China

**Author(s):** Zhai, HY (Zhai, Huayun); Yang, M (Yang, Min); Chan, KC (Chan, Kam C.)

**Source:** TECHNOLOGY IN SOCIETY **Volume:** 68 **Article Number:** 101841

**DOI:** 10.1016/j.techsoc.2021.101841 **Published:** FEB 2022

**Times Cited in Web of Science Core Collection:** 109

**Total Times Cited:** 110

**Accession Number:** WOS:000781096100014

**Affiliations:** South Central Minzu University; Shanghai Business School; Zhongnan University of Economics & Law

**Research Areas:** Social Issues; Social Sciences - Other Topics

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#### Record 24 of 63

**Title:** Defect-Selectivity and "Order-in-Disorder" Engineering in Carbon for Durable and Fast Potassium Storage

**Author(s):** Chen, YX (Chen, Yaxin); Xi, BJ (Xi, Baojuan); Huang, M (Huang, Man); Shi, LL (Shi, Liluo); Huang, SZ (Huang, Shaozhuan); Guo, NN (Guo, Nannan); Li, D (Li, Da); Ju, ZC (Ju, Zhicheng); Xiong, SL (Xiong, Shenglin)

**Source:** ADVANCED MATERIALS **Volume:** 34 **Issue:** 7 **Article Number:** 2108621

**DOI:** 10.1002/adma.202108621 **Early Access Date:** JAN 2022 **Published:** FEB 2022

**Times Cited in Web of Science Core Collection:** 109

**Total Times Cited:** 113

**Accession Number:** WOS:000739800200001

**Affiliations:** China University of Mining & Technology; Xinjiang University; Shandong University; South Central Minzu University

**Research Areas:** Chemistry; Science & Technology - Other Topics; Materials Science; Physics

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#### Record 25 of 63

**Title:** Duet Fe<sub>3</sub>C and FeN<sub>x</sub> Sites for H<sub>2</sub>O<sub>2</sub> Generation and Activation toward Enhanced Electro-Fenton Performance in Wastewater Treatment

**Author(s):** Hu, JJ (Hu, Jingjing); Wang, S (Wang, Sen); Yu, JQ (Yu, Jiaqi); Nie, WK (Nie, Wenkai); Sun, J (Sun, Jie); Wang, SB (Wang, Shaobin)

**Source:** ENVIRONMENTAL SCIENCE & TECHNOLOGY **Volume:** 55 **Issue:** 2 **Pages:** 1260-1269

**DOI:** 10.1021/acs.est.0c06825 **Early Access Date:** JAN 2021 **Published:** JAN 19 2021

**Times Cited in Web of Science Core Collection:** 111

**Total Times Cited:** 113

**Accession Number:** WOS:000612354700046

**Affiliations:** South Central Minzu University; South Central Minzu University; South Central Minzu University; University of Adelaide

**Research Areas:** Engineering; Environmental Sciences & Ecology

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#### Record 26 of 63

**Title:** Recent advances on Bismuth-based Photocatalysts: Strategies and mechanisms

**Author(s):** Zhang, L (Zhang, Li); Li, YH (Li, Yuhang); Li, Q (Li, Qin); Fan, JJ (Fan, Jiajie); Carabineiro, SAC (Carabineiro, Sonia A. C.); Lv, KL (Lv, Kangle)

**Source:** CHEMICAL ENGINEERING JOURNAL **Volume:** 419 **Article Number:** 129484

**DOI:** 10.1016/j.cej.2021.129484 **Early Access Date:** APR 2021 **Published:** SEP 1 2021

**Times Cited in Web of Science Core Collection:** 117

**Total Times Cited:** 121

**Accession Number:** WOS:000663661300002

**Affiliations:** Chongqing Technology & Business University; South Central Minzu University; Zhengzhou University; Universidade Nova de Lisboa

**Research Areas:** Engineering

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#### Record 27 of 63

**Title:** Flexible polyvinylidene fluoride film with alternating oriented graphene/Ni nanochains for electromagnetic interference shielding and thermal management

**Author(s):** Liang, LY (Liang, Luyang); Xu, PH (Xu, Penghui); Wang, YF (Wang, Yafei); Shang, Y (Shang, Ying); Ma, JM (Ma, Jianmin); Su, FM (Su, Fengmei); Feng, YZ (Feng, Yuezhan); He, CG (He, Chengen); Wang, YM (Wang, Yaming); Liu, CT (Liu, Chuntai)

**Source:** CHEMICAL ENGINEERING JOURNAL **Volume:** 395 **Article Number:** 125209

**DOI:** 10.1016/j.cej.2020.125209 **Published:** SEP 1 2020

**Times Cited in Web of Science Core Collection:** 134

**Total Times Cited:** 134

**Accession Number:** WOS:000537390100007

**Affiliations:** Zhengzhou University; Hunan University; South Central Minzu University

**Research Areas:** Engineering

---

#### Record 28 of 63

**Title:** Flexible supercapacitors based on carbon nanotube-MnO<sub>2</sub> nanocomposite film electrode

**Author(s):** Wang, QF (Wang, Qiufan); Ma, Y (Ma, Yun); Liang, X (Liang, Xiao); Zhang, DH (Zhang, Daohong); Miao, MH (Miao, Menghe)

**Source:** CHEMICAL ENGINEERING JOURNAL **Volume:** 371 **Pages:** 145-153

**DOI:** 10.1016/j.cej.2019.04.021 **Published:** SEP 1 2019

**Times Cited in Web of Science Core Collection:** 148

**Total Times Cited:** 154

**Accession Number:** WOS:000467042200016

**Affiliations:** South Central Minzu University; Commonwealth Scientific & Industrial Research Organisation (CSIRO)

**Research Areas:** Engineering

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**Record 29 of 63**

**Title:** Synthesis and application of epoxy-ended hyperbranched polymers

**Author(s):** Chen, SF (Chen, Sufang); Xu, ZJ (Xu, Zejun); Zhang, DH (Zhang, Daohong)

**Source:** CHEMICAL ENGINEERING JOURNAL **Volume:** 343 **Pages:** 283-302

**DOI:** 10.1016/j.cej.2018.03.014 **Published:** JUL 1 2018

**Times Cited in Web of Science Core Collection:** 161

**Total Times Cited:** 176

**Accession Number:** WOS:000430269200031

**Affiliations:** South Central Minzu University; South Central Minzu University; Wuhan Institute of Technology

**Research Areas:** Engineering

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**Record 30 of 63**

**Title:** Embedding CdS@Au into Ultrathin  $\text{Ti}_{3-x}\text{C}_2\text{T}_y$  to Build Dual Schottky Barriers for Photocatalytic  $\text{H}_2$  Production

**Author(s):** Li, ZP (Li, Zhipeng); Huang, WX (Huang, Weixin); Liu, JX (Liu, Jiaying); Lv, KL (Lv, Kangle); Li, Q (Li, Qin)

**Source:** ACS CATALYSIS **Volume:** 11 **Issue:** 14 **Pages:** 8510-8520

**DOI:** 10.1021/acscatal.1c02018 **Early Access Date:** JUN 2021 **Published:** JUL 16 2021

**Times Cited in Web of Science Core Collection:** 162

**Total Times Cited:** 164

**Accession Number:** WOS:000674927200013

**Affiliations:** South Central Minzu University; South Central Minzu University

**Research Areas:** Chemistry

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**Record 31 of 63**

**Title:** The Mulberry (*Morus alba* L.) Fruit-A Review of Characteristic Components and Health Benefits

**Author(s):** Yuan, QX (Yuan, Qingxia); Zhao, LY (Zhao, Longyan)

**Source:** JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY

**Volume:** 65 **Issue:** 48 **Pages:** 10383-10394 **DOI:** 10.1021/acs.jafc.7b03614

**Published:** DEC 6 2017

**Times Cited in Web of Science Core Collection:** 163

**Total Times Cited:** 176

**Accession Number:** WOS:000417670500001

**Affiliations:** South Central Minzu University; South Central Minzu University

**Research Areas:** Agriculture; Chemistry; Food Science & Technology

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**Record 32 of 63**

**Title:** Photocatalytic activation of sulfite by nitrogen vacancy modified graphitic carbon nitride for efficient degradation of carbamazepine

**Author(s):** Cao, J (Cao, Jin); Nie, WS (Nie, Wenshan); Huang, L (Huang, Long); Ding, YB (Ding, Yaobin); Lv, KL (Lv, Kangle); Tang, HQ (Tang, Heqing)

**Source:** APPLIED CATALYSIS B-ENVIRONMENTAL **Volume:** 241 **Pages:** 18-27

**DOI:** 10.1016/j.apcatb.2018.09.007 **Published:** FEB 2019

**Times Cited in Web of Science Core Collection:** 170

**Total Times Cited:** 174

**Accession Number:** WOS:000449444000003

**Affiliations:** South Central Minzu University; South Central Minzu University

**Research Areas:** Chemistry; Engineering

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### Record 33 of 63

**Title:** Carbon vacancy in C<sub>3</sub>N<sub>4</sub> nanotube: Electronic structure, photocatalysis mechanism and highly enhanced activity

**Author(s):** Li, YH (Li, Yuhang); Gu, ML (Gu, Miaoli); Shi, T (Shi, Ting); Cui, W (Cui, Wen); Zhang, XM (Zhang, Xianming); Dong, F (Dong, Fan); Cheng, JS (Cheng, Jinshui); Fan, JJ (Fan, Jiajie); Lv, KL (Lv, Kangle)

**Source:** APPLIED CATALYSIS B-ENVIRONMENTAL **Volume:** 262 **Article Number:** 118281

**DOI:** 10.1016/j.apcatb.2019.118281 **Published:** MAR 2020

**Times Cited in Web of Science Core Collection:** 172

**Total Times Cited:** 174

**Accession Number:** WOS:000501613700025

**Affiliations:** Chongqing Technology & Business University; South Central Minzu University; University of Electronic Science & Technology of China; Zhengzhou University

**Research Areas:** Chemistry; Engineering

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### Record 34 of 63

**Title:** Adsorption of Pb<sup>2+</sup> on amino-functionalized core-shell magnetic mesoporous SBA-15 silica composite

**Author(s):** Wang, SG (Wang, Shuguo); Wang, KK (Wang, Kangkang); Dai, C (Dai, Cong); Shi, HZ (Shi, Hengzhi); Li, JL (Li, Jinlin)

**Source:** CHEMICAL ENGINEERING JOURNAL **Volume:** 262 **Pages:** 897-903

**DOI:** 10.1016/j.cej.2014.10.035 **Published:** FEB 15 2015

**Times Cited in Web of Science Core Collection:** 172

**Total Times Cited:** 186

**Accession Number:** WOS:000347577700099

**Affiliations:** South Central Minzu University; South Central Minzu University

**Research Areas:** Engineering

### Record 35 of 63

**Title:** A bio-based hyperbranched flame retardant for epoxy resins

**Author(s):** Zhang, JH (Zhang, Junheng); Mi, XQ (Mi, Xiaoqian); Chen, SY (Chen, Shiyuan); Xu, ZJ (Xu, Zejun); Zhang, DH (Zhang, Daohong); Miao, MH (Miao, Menghe); Wang, JS (Wang, Junsheng)

**Source:** CHEMICAL ENGINEERING JOURNAL **Volume:** 381 **Article Number:** 122719

**DOI:** 10.1016/j.cej.2019.122719 **Published:** FEB 1 2020

**Times Cited in Web of Science Core Collection:** 188

**Total Times Cited:** 189

**Accession Number:** WOS:000499066900154

**Affiliations:** South Central Minzu University; South Central Minzu University; Commonwealth Scientific & Industrial Research Organisation (CSIRO)

**Research Areas:** Engineering

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### Record 36 of 63

**Title:** Hypercrosslinked polymers enabled micropore-dominant N, S Co-Doped porous carbon for ultrafast electron/ion transport supercapacitors

**Author(s):** Lu, Y (Lu, Yun); Liang, JN (Liang, Jianing); Deng, SF (Deng, Shaofeng); He, QM (He, Qiming); Deng, SY (Deng, Shuyi); Hu, YZ (Hu, Yezhou); Wang, DL (Wang, Deli)

**Source:** NANO ENERGY **Volume:** 65 **Article Number:** 103993

**DOI:** 10.1016/j.nanoen.2019.103993 **Published:** NOV 2019

**Times Cited in Web of Science Core Collection:** 200

**Total Times Cited:** 202

**Accession Number:** WOS:000496445600045

**Affiliations:** Huazhong University of Science & Technology; South Central Minzu University; South Central Minzu University

**Research Areas:** Chemistry; Science & Technology - Other Topics; Materials Science; Physics

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### Record 37 of 63

**Title:** MXenes as noble-metal-alternative co-catalysts in photocatalysis

**Author(s):** Li, KN (Li, Kaining); Zhang, SS (Zhang, Sushu); Li, YH (Li, Yuhuan); Fan, JJ (Fan, Jiajie); Lv, KL (Lv, Kangle)

**Source:** CHINESE JOURNAL OF CATALYSIS **Volume:** 42 **Issue:** 1 **Special Issue:** SI **Pages:** 3-14

**DOI:** 10.1016/S1872-2067(20)63630-0 **Published:** JAN 2021

**Times Cited in Web of Science Core Collection:** 206

**Total Times Cited:** 210

**Accession Number:** WOS:000582725100002

**Affiliations:** South Central Minzu University; Chongqing Technology & Business University; Zhengzhou University

**Research Areas:** Chemistry; Engineering

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**Record 38 of 63**

**Title:** Nonradicals induced degradation of organic pollutants by peroxydisulfate (PDS) and peroxymonosulfate (PMS): Recent advances and perspective

**Author(s):** Ding, YB (Ding, Yaobin); Wang, XR (Wang, Xueru); Fu, LB (Fu, Libin); Peng, XQ (Peng, Xueqin); Pan, C (Pan, Cong); Mao, QH (Mao, Qihang); Wang, CJ (Wang, Chengjun); Yan, JC (Yan, Jingchun)

**Source:** SCIENCE OF THE TOTAL ENVIRONMENT **Volume:** 765 **Article Number:** 142794

**DOI:** 10.1016/j.scitotenv.2020.142794 **Early Access Date:** FEB 2021 **Published:** APR 15 2021

**Times Cited in Web of Science Core Collection:** 212

**Total Times Cited:** 220

**Accession Number:** WOS:000616232300102

**Affiliations:** South Central Minzu University; Chinese Academy of Sciences; Institute of Soil Science, CAS

**Research Areas:** Environmental Sciences & Ecology

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**Record 39 of 63**

**Title:** Reductive defluorination of perfluorooctanoic acid by hydrated electrons in a sulfite-mediated UV photochemical system

**Author(s):** Song, Z (Song, Zhou); Tang, HQ (Tang, Heqing); Wang, N (Wang, Nan); Zhu, LH (Zhu, Lihua)

**Source:** JOURNAL OF HAZARDOUS MATERIALS **Volume:** 262 **Pages:** 332-338

**DOI:** 10.1016/j.jhazmat.2013.08.059 **Published:** NOV 15 2013

**Times Cited in Web of Science Core Collection:** 218

**Total Times Cited:** 264

**Accession Number:** WOS:000329595500041

**Affiliations:** South Central Minzu University; South Central Minzu University; Huazhong University of Science & Technology

**Research Areas:** Engineering; Environmental Sciences & Ecology

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**Record 40 of 63**

**Title:** Recent Advances in Heterostructure Engineering for Lithium-Sulfur Batteries

**Author(s):** Huang, SZ (Huang, Shaozhan); Wang, ZH (Wang, Zhouhao); Lim, YV (Von Lim, Yew); Wang, Y (Wang, Ye); Li, Y (Li, Yan); Zhang, DH (Zhang, Daohong); Yang, HY (Yang, Hui Ying)

**Source:** ADVANCED ENERGY MATERIALS **Volume:** 11 **Issue:** 10 **Article Number:** 2003689

**DOI:** 10.1002/aenm.202003689 **Early Access Date:** JAN 2021 **Published:** MAR 2021

**Times Cited in Web of Science Core Collection:** 240

**Total Times Cited:** 244

**Accession Number:** WOS:000612039300001

**Affiliations:** South Central Minzu University; South Central Minzu University; Singapore University of Technology & Design; Zhengzhou University

**Research Areas:** Chemistry; Energy & Fuels; Materials Science; Physics

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**Record 41 of 63**

**Title:** S-Scheme photocatalyst TaON/Bi<sub>2</sub>WO<sub>6</sub>nanofibers with oxygen vacancies for efficient abatement of antibiotics and Cr(VI): Intermediate eco-toxicity analysis and mechanistic insights

**Author(s):** Li, SJ (Li, Shijie); Cai, MJ (Cai, Mingjie); Liu, YP (Liu, Yanping); Wang, CC (Wang, Chunchun); Lv, KL (Lv, Kangle); Chen, XB (Chen, Xiaobo)

**Source:** CHINESE JOURNAL OF CATALYSIS **Volume:** 43 **Issue:** 10 **Pages:** 2652-2664

**DOI:** 10.1016/S1872-2067(22)64106-8 **Early Access Date:** OCT 2022 **Published:** OCT 2022

**Times Cited in Web of Science Core Collection:** 242

**Total Times Cited:** 244

**Accession Number:** WOS:000884673500004

**Affiliations:** Zhejiang Ocean University; Zhejiang Ocean University; South Central Minzu University; University of Missouri System; University of Missouri Kansas City

**Research Areas:** Chemistry; Engineering

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**Record 42 of 63**

**Title:** High performance of a cobalt-nitrogen complex for the reduction and reductive coupling of nitro compounds into amines and their derivatives

**Author(s):** Zhou, P (Zhou, Peng); Jiang, L (Jiang, Liang); Wang, F (Wang, Fan); Deng, KJ (Deng, Kejian); Lv, KL (Lv, Kangle); Zhang, ZH (Zhang, Zehui)

**Source:** SCIENCE ADVANCES **Volume:** 3 **Issue:** 2 **Article Number:** e1601945

**DOI:** 10.1126/sciadv.1601945 **Published:** FEB 2017

**Times Cited in Web of Science Core Collection:** 247

**Total Times Cited:** 258

**Accession Number:** WOS:000397039500027

**Affiliations:** South Central Minzu University

**Research Areas:** Science & Technology - Other Topics

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**Record 43 of 63**

**Title:** Lag Synchronization of Switched Neural Networks via Neural Activation Function and Applications in Image Encryption

**Author(s):** Wen, SP (Wen, Shiping); Zeng, ZG (Zeng, Zhigang); Huang, TW (Huang, Tingwen); Meng, QG (Meng, Qinggang); Yao, W (Yao, Wei)

**Source:** IEEE TRANSACTIONS ON NEURAL NETWORKS AND LEARNING SYSTEMS **Volume:** 26 **Issue:** 7 **Pages:** 1493-1502

**DOI:** 10.1109/TNNLS.2014.2387355 **Published:** JUL 2015

**Times Cited in Web of Science Core Collection:** 267

**Total Times Cited:** 269

**Accession Number:** WOS:000356506700012

**Affiliations:** Huazhong University of Science & Technology; Qatar Foundation (QF); Texas A&M University Qatar; Loughborough University; South Central Minzu University

**Research Areas:** Computer Science; Engineering

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**Record 44 of 63**

**Title:** High efficiency photocatalytic hydrogen production over ternary Cu/TiO<sub>2</sub>@Ti<sub>3</sub>C<sub>2</sub>T<sub>x</sub> enabled by low-work-function 2D titanium carbide

**Author(s):** Peng, C (Peng, Chao); Wei, P (Wei, Ping); Li, XY (Li, Xiaoyao); Liu, YP (Liu, Yunpeng); Cao, YH (Cao, Yonghai); Wang, HJ (Wang, Hongjuan); Yu, H (Yu, Hao); Peng, F (Peng, Feng); Zhang, LY (Zhang, Liyun); Zhang, BS (Zhang, Bingsen); Lv, KL (Lv, Kangle)

**Source:** NANO ENERGY **Volume:** 53 **Pages:** 97-107

**DOI:** 10.1016/j.nanoen.2018.08.040 **Published:** NOV 2018

**Times Cited in Web of Science Core Collection:** 272

**Total Times Cited:** 274

**Accession Number:** WOS:000448994600012

**Affiliations:** South China University of Technology; Foshan University; Guangzhou University; Chinese Academy of Sciences; Institute of Metal Research, CAS; South Central Minzu University

**Research Areas:** Chemistry; Science & Technology - Other Topics; Materials Science; Physics

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**Record 45 of 63**

**Title:** Munc18 and Munc13 serve as a functional template to orchestrate neuronal SNARE complex assembly

**Author(s):** Wang, S (Wang, Shen); Li, Y (Li, Yun); Gong, JH (Gong, Jihong); Ye, S (Ye, Sheng); Yang, XF (Yang, Xiaofei); Zhang, RG (Zhang, Rongguang); Ma, C (Ma, Cong)

**Source:** NATURE COMMUNICATIONS **Volume:** 10 **Article Number:** 69 **DOI:** 10.1038/s41467-018-08028-6 **Published:** JAN 8 2019

**Times Cited in Web of Science Core Collection:** 274

**Total Times Cited:** 299

**Accession Number:** WOS:000455102900008

**Affiliations:** Huazhong University of Science & Technology; Huazhong University of Science & Technology; Chinese Academy of Sciences; Institute of Biophysics, CAS; South Central Minzu University; Chinese Academy of Sciences; Center for Excellence in Molecular Cell Science, CAS

**Research Areas:** Science & Technology - Other Topics

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**Record 46 of 63**

**Title:** Recent advances in nanomaterials for enhanced photothermal therapy of tumors

**Author(s):** Hu, JJ (Hu, Jing-Jing); Cheng, YJ (Cheng, Ying-Jia); Zhang, XZ (Zhang, Xian-Zheng)

**Source:** NANOSCALE **Volume:** 10 **Issue:** 48 **Pages:** 22657-22672

**DOI:** 10.1039/c8nr07627h **Published:** DEC 28 2018

**Times Cited in Web of Science Core Collection:** 278

**Total Times Cited:** 286

**Accession Number:** WOS:000453248100001

**Affiliations:** Wuhan University; Wuhan University; South Central Minzu University

**Research Areas:** Chemistry; Science & Technology - Other Topics; Materials Science; Physics

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#### Record 47 of 63

**Title:** Selective Oxidation of 5-Hydroxymethylfurfural to 2,5-Furandicarboxylic Acid Using O<sub>2</sub> and a Photocatalyst of Co-thioporphyrine Bonded to g-C<sub>3</sub>N<sub>4</sub>

**Author(s):** Xu, S (Xu, Shuai); Zhou, P (Zhou, Peng); Zhang, ZH (Zhang, Zehui); Yang, CJ (Yang, Changjun); Zhang, BG (Zhang, Bingguang); Deng, KJ (Deng, Kejian); Bottle, S (Bottle, Steven); Zhu, HY (Zhu, Huaiyong)

**Source:** JOURNAL OF THE AMERICAN CHEMICAL SOCIETY **Volume:** 139 **Issue:** 41 **Pages:** 14775-14782

**DOI:** 10.1021/jacs.7b08861 **Published:** OCT 18 2017

**Times Cited in Web of Science Core Collection:** 281

**Total Times Cited:** 294

**Accession Number:** WOS:000413503300058

**Affiliations:** South Central Minzu University; Queensland University of Technology (QUT)

**Research Areas:** Chemistry

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#### Record 48 of 63

**Title:** Hybridization of rutile TiO<sub>2</sub> (rTiO<sub>2</sub>) with g-C<sub>3</sub>N<sub>4</sub> quantum dots (CN QDs): An efficient visible-light-driven Z-scheme hybridized photocatalyst

**Author(s):** Li, YH (Li, Yuhang); Lv, KL (Lv, Kangle); Ho, WK (Ho, Wingkei); Dong, F (Dong, Fan); Wu, XF (Wu, Xiaofeng); Xia, Y (Xia, Yang)

**Source:** APPLIED CATALYSIS B-ENVIRONMENTAL **Volume:** 202 **Pages:** 611-619

**DOI:** 10.1016/j.apcatb.2016.09.055 **Published:** MAR 2017

**Times Cited in Web of Science Core Collection:** 287

**Total Times Cited:** 293

**Accession Number:** WOS:000388052100063

**Affiliations:** Education University of Hong Kong (EdUHK); South Central Minzu University; South Central Minzu University; Chongqing Technology & Business University

**Research Areas:** Chemistry; Engineering

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#### Record 49 of 63

**Title:** Dependence of electronic structure of g-C<sub>3</sub>N<sub>4</sub> on the layer number of its nanosheets: A study by Raman spectroscopy coupled with first-principles calculations

**Author(s):** Jiang, JZ (Jiang, Jizhou); Lei, OY (Lei Ou-yang); Zhu, LH (Zhu, Lihua); Zheng, AM (Zheng, Anmin); Zou, J (Zou, Jing); Yi, XF (Yi, Xianfeng); Tang, HQ (Tang, Heqing)

**Source:** CARBON **Volume:** 80 **Pages:** 213-221

**DOI:** 10.1016/j.carbon.2014.08.059 **Published:** DEC 2014

**Times Cited in Web of Science Core Collection:** 296

**Total Times Cited:** 303

**Accession Number:** WOS:000344132400024

**Affiliations:** Huazhong University of Science & Technology; South Central Minzu University; South Central Minzu University; Chinese Academy of Sciences; Wuhan Institute of Physics & Mathematics, CAS; Wuhan Institute of Technology

**Research Areas:** Chemistry; Materials Science

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#### Record 50 of 63

**Title:** Effect of carbon-dots modification on the structure and photocatalytic activity of g-C<sub>3</sub>N<sub>4</sub>

**Author(s):** Fang, S (Fang, Shun); Xia, Y (Xia, Yang); Lv, KL (Lv, Kangle); Li, Q (Li, Qin); Sun, J (Sun, Jie); Li, M (Li, Mei)

**Source:** APPLIED CATALYSIS B-ENVIRONMENTAL **Volume:** 185 **Pages:** 225-232

**DOI:** 10.1016/j.apcatb.2015.12.025 **Published:** MAY 15 2016

**Times Cited in Web of Science Core Collection:** 313

**Total Times Cited:** 318

**Accession Number:** WOS:000369452000022

**Affiliations:** South Central Minzu University; South Central Minzu University

**Research Areas:** Chemistry; Engineering

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#### Record 51 of 63

**Title:** Degradation of bisphenol A by hydrogen peroxide activated with CuFeO<sub>2</sub> microparticles as a heterogeneous Fenton-like catalyst: Efficiency, stability and mechanism

**Author(s):** Zhang, XY (Zhang, Xinyue); Ding, YB (Ding, Yaobin); Tang, HQ (Tang, Heqing); Han, XY (Han, Xiaoyan); Zhu, LH (Zhu, Lihua); Wang, N (Wang, Nan)

**Source:** CHEMICAL ENGINEERING JOURNAL **Volume:** 236 **Pages:** 251-262

**DOI:** 10.1016/j.cej.2013.09.051 **Published:** JAN 15 2014

**Times Cited in Web of Science Core Collection:** 352

**Total Times Cited:** 374

**Accession Number:** WOS:000328801100027

**Affiliations:** South Central Minzu University; South Central Minzu University; Huazhong University of Science & Technology

**Research Areas:** Engineering

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#### Record 52 of 63

**Title:** 2D/2D  $\text{Ti}_3\text{C}_2$  MXene/g- $\text{C}_3\text{N}_4$  nanosheets heterojunction for high efficient  $\text{CO}_2$  reduction photocatalyst: Dual effects of urea

**Author(s):** Yang, C (Yang, Chao); Tan, QY (Tan, Qiuyan); Li, Q (Li, Qin); Zhou, J (Zhou, Jie); Fan, JJ (Fan, Jiajie); Li, B (Li, Bing); Sun, J (Sun, Jie); Lv, KL (Lv, Kangle)

**Source:** APPLIED CATALYSIS B-ENVIRONMENTAL **Volume:** 268 **Article**

**Number:** 118738 **DOI:** 10.1016/j.apcatb.2020.118738 **Published:** JUL 5 2020

**Times Cited in Web of Science Core Collection:** 373

**Total Times Cited:** 380

**Accession Number:** WOS:000521513300006

**Affiliations:** South Central Minzu University; Zhengzhou University; Zhejiang A&F University

**Research Areas:** Chemistry; Engineering

---

#### Record 53 of 63

**Title:** Catalytic oxidation of carbohydrates into organic acids and furan chemicals

**Author(s):** Zhang, ZH (Zhang, Zehui); Huber, GW (Huber, George W.)

**Source:** CHEMICAL SOCIETY REVIEWS **Volume:** 47 **Issue:** 4 **Pages:** 1351-1390

**DOI:** 10.1039/c7cs00213k **Published:** FEB 21 2018

**Times Cited in Web of Science Core Collection:** 382

**Total Times Cited:** 396

**Accession Number:** WOS:000425374900008

**Affiliations:** South Central Minzu University; South Central Minzu University; University of Wisconsin System; University of Wisconsin Madison

**Research Areas:** Chemistry

---

#### Record 54 of 63

**Title:** Drug self-delivery systems for cancer therapy

**Author(s):** Qin, SY (Qin, Si-Yong); Zhang, AQ (Zhang, Ai-Qing); Cheng, SX (Cheng, Si-Xue); Rong, L (Rong, Lei); Zhang, XZ (Zhang, Xian-Zheng)

**Source:** BIOMATERIALS **Volume:** 112 **Pages:** 234-247 **DOI:** 10.1016/j.biomaterials.2016.10.016 **Published:** JAN 2017

**Times Cited in Web of Science Core Collection:** 396

**Total Times Cited:** 410

**Accession Number:** WOS:000389166700020

**Affiliations:** South Central Minzu University; Wuhan University; Wuhan University

**Research Areas:** Engineering; Materials Science

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#### Record 55 of 63

**Title:** Macroscopic Foam-Like Holey Ultrathin g- $\text{C}_3\text{N}_4$  Nanosheets for Drastic Improvement of Visible-Light Photocatalytic Activity

**Author(s):** Li, YF (Li, Yunfeng); Jin, RX (Jin, Renxi); Xing, Y (Xing, Yan); Li, JQ (Li, Junqi); Song, SY (Song, Shuyan); Liu, XC (Liu, Xianchun); Li, M (Li, Mei); Jin, RC (Jin, Rongchao)

**Source:** ADVANCED ENERGY MATERIALS **Volume:** 6 **Issue:** 24 **Article Number:** 1601273 **DOI:** 10.1002/aenm.201601273 **Published:** DEC 21 2016

**Times Cited in Web of Science Core Collection:** 416

**Total Times Cited:** 428

**Accession Number:** WOS:000396320500014

**Affiliations:** Northeast Normal University - China; Chinese Academy of Sciences; Changchun Institute of Applied Chemistry, CAS; South Central Minzu University; South Central Minzu University; Carnegie Mellon University

**Research Areas:** Chemistry; Energy & Fuels; Materials Science; Physics

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#### Record 56 of 63

**Title:** Recent Advances in the Catalytic Synthesis of 2,5-Furandicarboxylic Acid and Its Derivatives

**Author(s):** Zhang, ZH (Zhang, Zehui); Deng, KJ (Deng, Kejian)

**Source:** ACS CATALYSIS **Volume:** 5 **Issue:** 11 **Pages:** 6529-6544 **DOI:** 10.1021/acscatal.5b01491 **Published:** NOV 2015

**Times Cited in Web of Science Core Collection:** 452

**Total Times Cited:** 485

**Accession Number:** WOS:000364441300034

**Affiliations:** South Central Minzu University; South Central Minzu University

**Research Areas:** Chemistry

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#### Record 57 of 63

**Title:** Effect of contact interface between  $\text{TiO}_2$  and  $\text{g-C}_3\text{N}_4$  on the photoreactivity of  $\text{g-C}_3\text{N}_4/\text{TiO}_2$  photocatalyst: (001) vs (101) facets of  $\text{TiO}_2$

**Source:** APPLIED CATALYSIS B-ENVIRONMENTAL **Volume:** 164 **Pages:** 420-444 **Author(s):** Huang, ZA (Huang, Ze'ai); Sun, Q (Sun, Qiong); Lv, KL (Lv, Kangle); Zhang, ZH (Zhang, Zehui); Li, M (Li, Mei); Li, B (Li, Bing)

27 **DOI:** 10.1016/j.apcatb.2014.09.043 **Published:** MAR 2015

**Times Cited in Web of Science Core Collection:** 457

**Total Times Cited:** 472

**Accession Number:** WOS:000345181800047

**Affiliations:** South Central Minzu University; South Central Minzu University; Qingdao University of Science & Technology; Zhejiang A&F University

**Research Areas:** Chemistry; Engineering

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#### Record 58 of 63

**Title:** Nitrogen-Doped Reduced Graphene Oxide as a Bifunctional Material for Removing Bisphenols: Synergistic Effect between Adsorption and Catalysis

**Author(s):** Wang, XB (Wang, Xiaobo); Qin, YL (Qin, Yanlei); Zhu, LH (Zhu, Lihua); Tang, HQ (Tang, Heqing)

**Source:** ENVIRONMENTAL SCIENCE & TECHNOLOGY **Volume:** 49 **Issue:** 11 **Pages:** 6855-6864 **DOI:** 10.1021/acs.est.5b01059 **Published:** JUN 2 2015

**Times Cited in Web of Science Core Collection:** 500

**Total Times Cited:** 520

**Accession Number:** WOS:000355779100059

**Affiliations:** South Central Minzu University; South Central Minzu University; Huazhong University of Science & Technology

**Research Areas:** Engineering; Environmental Sciences & Ecology

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#### Record 59 of 63

**Title:** Sulfate radicals induced degradation of tetrabromobisphenol A with nanoscaled magnetic  $\text{CuFe}_2\text{O}_4$  as a heterogeneous catalyst of peroxymonosulfate

**Author(s):** Ding, YB (Ding, Yaobin); Zhu, LH (Zhu, Lihua); Wang, N (Wang, Nan); Tang, HQ (Tang, Heqing)

**Source:** APPLIED CATALYSIS B-ENVIRONMENTAL **Volume:** 129 **Pages:** 153-162 **DOI:** 10.1016/j.apcatb.2012.09.015 **Published:** JAN 17 2013

**Times Cited in Web of Science Core Collection:** 536

**Total Times Cited:** 576

**Accession Number:** WOS:000312689500018

**Affiliations:** South Central Minzu University; South Central Minzu University; Huazhong University of Science & Technology

**Research Areas:** Chemistry; Engineering

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#### Record 60 of 63

**Title:** Perovskite Oxides: Preparation, Characterizations, and Applications in Heterogeneous Catalysis

**Author(s):** Zhu, JJ (Zhu, Junjiang); Li, HL (Li, Hailong); Zhong, LY (Zhong, Linyun); Xiao, P (Xiao, Ping); Xu, XL (Xu, Xuelian); Yang, XG (Yang, Xiangguang); Zhao, Z (Zhao, Zhen); Li, JL (Li, Jinlin)

**Source:** ACS CATALYSIS **Volume:** 4 **Issue:** 9 **Pages:** 2917-2940 **DOI:** 10.1021/cs500606g **Published:** SEP 2014

**Times Cited in Web of Science Core Collection:** 659

**Total Times Cited:** 705

**Accession Number:** WOS:000341405600010

**Affiliations:** South Central Minzu University; Chinese Academy of Sciences; Changchun Institute of Applied Chemistry, CAS; China University of Petroleum

**Research Areas:** Chemistry

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#### Record 61 of 63

**Title:** Comparison and Modelling of Country-level Microblog User and Activity in Cyber-physical-social Systems Using Weibo and Twitter Data

**Author(s):** Yang, P (Yang, Po); Liu, J (Liu, Jing); Qi, J (Qi, Jun); Yang, Y (Yang, Yun); Wang, XL (Wang, Xulong); Lv, ZH (Lv, Zhihan)

**Source:** ACM TRANSACTIONS ON INTELLIGENT SYSTEMS AND TECHNOLOGY **Volume:** 10 **Issue:** 6 **Article**

**Number:** 65 **DOI:** 10.1145/3339474 **Published:** DEC 2019

**Times Cited in Web of Science Core Collection:** 752

**Total Times Cited:** 778

**Accession Number:** WOS:000512295100007

**Affiliations:** Liverpool John Moores University; University of Liverpool; South Central Minzu University; University of Oxford; Yunnan University; Qingdao University

**Research Areas:** Computer Science

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#### Record 62 of 63

**Title:** CdS/Graphene Nanocomposite Photocatalysts

**Author(s):** Li, Q (Li, Qin); Li, X (Li, Xin); Wageh, S (Wageh, S.); Al-Ghamdi, AA (Al-Ghamdi, Ahmed A.); Yu, JG (Yu, Jianguo)

**Source:** ADVANCED ENERGY MATERIALS **Volume:** 5 **Issue:** 14 **Article**

**Number:** 1500010 **DOI:** 10.1002/aenm.201500010 **Published:** JUL 22 2015

**Times Cited in Web of Science Core Collection:** 793

**Total Times Cited:** 841

**Accession Number:** WOS:000358369700001

**Affiliations:** Wuhan University of Technology; South China Agricultural University; King Abdulaziz University; South Central Minzu University

**Research Areas:** Chemistry; Energy & Fuels; Materials Science; Physics

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#### Record 63 of 63

**Title:** Graphitic Carbon Nitride: Synthesis, Properties, and Applications in Catalysis

**Author(s):** Zhu, JJ (Zhu, Junjiang); Xiao, P (Xiao, Ping); Li, HL (Li, Hailong); Carabineiro, SAC (Carabineiro, Sonia A. C.)

**Source:** ACS APPLIED MATERIALS & INTERFACES **Volume:** 6 **Issue:** 19 **Pages:** 16449-16465 **DOI:** 10.1021/am502925j **Published:** OCT 8 2014

**Times Cited in Web of Science Core Collection:** 900

**Total Times Cited:** 935

**Accession Number:** WOS:000343018200001

**Affiliations:** South Central Minzu University; Universidade do Porto

**Research Areas:** Science & Technology - Other Topics; Materials Science

二、本期3篇热点论文：

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**Record 1 of 3**

**Title:** Toughness and its mechanisms in epoxy resins

**Author(s):** Mi, XQ (Mi, Xiaoqian); Liang, N (Liang, Nuo); Xu, HF (Xu, Haifeng); Wu, J (Wu, Juan); Jiang, Y (Jiang, Yu); Nie, B (Nie, Bei); Zhang, DH (Zhang, Daohong)

**Source:** PROGRESS IN MATERIALS SCIENCE **Volume:** 130 **Article**

**Number:** 100977 **DOI:** 10.1016/j.pmatsci.2022.100977 **Published:** OCT 2022

**Times Cited in Web of Science Core Collection:** 67

**Total Times Cited:** 70

**Accession Number:** WOS:000815784300001

**Research Areas:** Materials Science

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**Record 2 of 3**

**Title:** S-Scheme photocatalyst TaON/Bi<sub>2</sub>WO<sub>6</sub> nanofibers with oxygen vacancies for efficient abatement of antibiotics and Cr(VI): Intermediate eco-toxicity analysis and mechanistic insights

**Author(s):** Li, SJ (Li, Shijie); Cai, MJ (Cai, Mingjie); Liu, YP (Liu, Yanping); Wang, CC (Wang, Chunchun); Lv, KL (Lv, Kangle); Chen, XB (Chen, Xiaobo)

**Source:** CHINESE JOURNAL OF CATALYSIS **Volume:** 43 **Issue:** 10 **Pages:** 2652-

2664 **DOI:** 10.1016/S1872-2067(22)64106-8 **Early Access Date:** OCT 2022 **Published:** OCT 2022

**Times Cited in Web of Science Core Collection:** 208

**Total Times Cited:** 210

**Accession Number:** WOS:000884673500004

**Research Areas:** Chemistry; Engineering

---

**Record 3 of 3**

**Title:** Does digital transformation enhance a firm's performance? Evidence from China

**Author(s):** Zhai, HY (Zhai, Huayun); Yang, M (Yang, Min); Chan, KC (Chan, Kam C.)

**Source:** TECHNOLOGY IN SOCIETY **Volume:** 68 **Article**

**Number:** 101841 **DOI:** 10.1016/j.techsoc.2021.101841 **Published:** FEB 2022

**Times Cited in Web of Science Core Collection:** 87

**Total Times Cited:** 87

**Accession Number:** WOS:000781096100014

**Research Areas:** Social Issues; Social Sciences - Other Topics

撰写人: 陈朋 吴琼