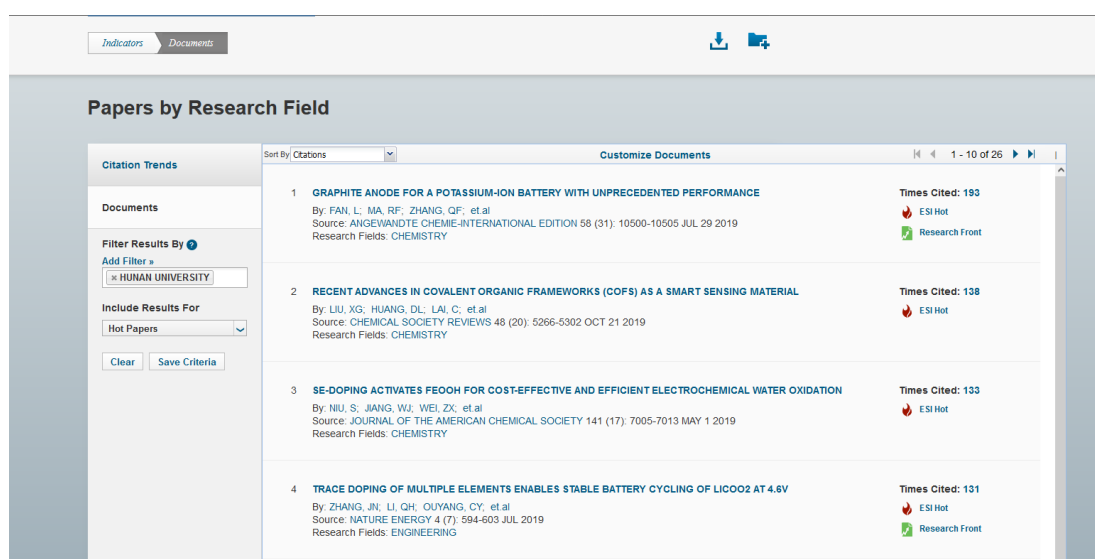
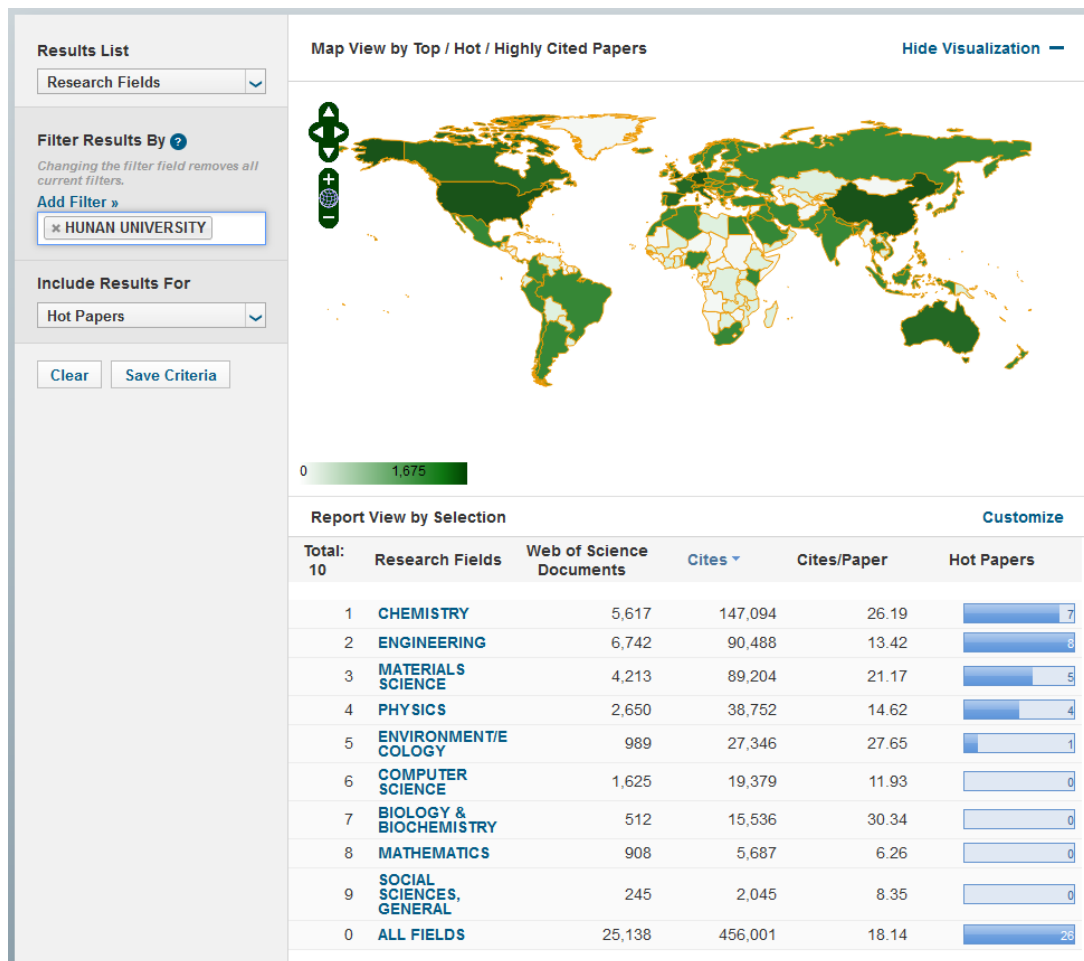


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	6 A REVIEW OF DEEP LEARNING FOR RENEWABLE ENERGY FORECASTING By: WANG, HZ; LEI, ZX; ZHANG, X; et al Source: ENERGY CONVERSION AND MANAGEMENT 198: - OCT 15 2019 Research Fields: ENGINEERING	Times Cited: 115
	7 PEDOT/PSS FOR FLEXIBLE AND STRETCHABLE ELECTRONICS: MODIFICATIONS, STRATEGIES, AND APPLICATIONS By: FAN, X; NIE, WY; TSAI, SH; et al Source: ADVANCED SCIENCE 6 (19): - OCT 2019 Research Fields: PHYSICS	Times Cited: 111
	8 SINGLE ATOM ELECTROCATALYSTS SUPPORTED ON GRAPHENE OR GRAPHENE-LIKE CARBONS By: FEI, HL; DONG, JC; CHEN, DL; et al Source: CHEMICAL SOCIETY REVIEWS 48 (20): 5207-5241 OCT 21 2019 Research Fields: CHEMISTRY	Times Cited: 90
	9 DEFECT ENGINEERING ON ELECTRODE MATERIALS FOR RECHARGEABLE BATTERIES By: ZHANG, YQ; TAO, L; XIE, C; et al Source: ADVANCED MATERIALS 32 (7): - FEB 2020 Research Fields: MATERIALS SCIENCE	Times Cited: 90
	10 FLEXIBLE, ROBUST AND MULTIFUNCTIONAL ELECTROMAGNETIC INTERFERENCE SHIELDING FILM WITH ALTERNATING CELLULOSE NANOFIBER AND MXENE LAYERS By: ZHOU, B; ZHANG, Z; LI, YL; et al Source: ACS APPLIED MATERIALS & INTERFACES 12 (4): 4895-4905 JAN 29 2020 Research Fields: MATERIALS SCIENCE	Times Cited: 65

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IRON-MEDIATED ACTIVATION OF PERSULFATE AND PEROXYMONOSULFATE IN BOTH HOMOGENEOUS AND HETEROGENEOUS WAYS: A REVIEW
By: XIAO, S; CHENG, M; ZHONG, H; et al
Source: CHEMICAL ENGINEERING JOURNAL 384: - MAR 15 2020
Research Fields: ENGINEERING

Times Cited: 63

12

RECENT ADVANCES IN PHOTO-ACTIVATED SULFATE RADICAL-ADVANCED OXIDATION PROCESS (SR-AOP) FOR REFRACTORY ORGANIC POLLUTANTS REMOVAL IN WATER
By: YANG, Q; MA, YH; CHEN, F; et al
Source: CHEMICAL ENGINEERING JOURNAL 378: - DEC 15 2019
Research Fields: ENGINEERING

Times Cited: 56

13

ROLE OF RADICAL AND NON-RADICAL PATHWAY IN ACTIVATING PERSULFATE FOR DEGRADATION OF P-NITROPHENOL BY SULFUR-DOPED ORDERED MESOPOROUS CARBON
By: LIU, SY; LAI, C; LI, BS; et al
Source: CHEMICAL ENGINEERING JOURNAL 384: - MAR 15 2020
Research Fields: ENGINEERING

Times Cited: 43

14

COVALENT ORGANIC FRAMEWORK PHOTOCATALYSTS: STRUCTURES AND APPLICATIONS
By: WANG, H; WANG, H; WANG, ZW; et al
Source: CHEMICAL SOCIETY REVIEWS 49 (12): 4135-4165 JUN 21 2020
Research Fields: CHEMISTRY

Times Cited: 39

15

METAL-ORGANIC FRAMEWORK NANOCARRIERS FOR DRUG DELIVERY IN BIOMEDICAL APPLICATIONS
By: SUN, YJ; ZHENG, LW; YANG, Y; et al
Source: NANO-MICRO LETTERS 12 (1) - MAY 2 2020
Research Fields: MATERIALS SCIENCE

Times Cited: 38

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	17 FEATURE EXTRACTION FOR HYPERSPECTRAL IMAGERY: THE EVOLUTION FROM SHALLOW TO DEEP: OVERVIEW AND TOOLBOX By: RASTI, B; HONG, DF; HANG, RL; et al Source: IEEE GEOSCIENCE AND REMOTE SENSING MAGAZINE 8 (4): 60-88 DEC 2020 Research Fields: GEOSCIENCES	Times Cited: 34
	18 A REVIEW OF STUDIES USING HYDROCARBON ADSORPTION MATERIAL FOR REDUCING HYDROCARBON EMISSIONS FROM COLD START OF GASOLINE ENGINE By: HAN, DD; JIAQIANG, E; DENG, YW; et al Source: RENEWABLE & SUSTAINABLE ENERGY REVIEWS 135: - JAN 2021 Research Fields: ENGINEERING	Times Cited: 21
	19 OBSERVATION OF STRUCTURE IN THE J/PSI-PAIR MASS SPECTRUM By: AAU, R; BETETA, CA; ADEVA, B; et al Source: SCIENCE BULLETIN 65 (23): 1983-1993 DEC 15 2020 Research Fields: PHYSICS	Times Cited: 21
	20 NUCLEIC ACIDS ANALYSIS By: ZHAO, YX; ZUO, XL; LI, Q; et al Source: CHINA-CHEMISTRY 64 (2): 171-203 FEB 2021 Research Fields: CHEMISTRY	Times Cited: 17
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SULFUR-ASSISTED LARGE-SCALE SYNTHESIS OF GRAPHENE MICROSPHERES FOR SUPERIOR POTASSIUM-ION BATTERIES
By: ZHANG, QF; CHENG, XL; WANG, CX; et al
Source: ENERGY & ENVIRONMENTAL SCIENCE 14 (2): 965-974 FEB 1 2021
Research Fields: ENVIRONMENT/ECOLOGY

Times Cited: 13
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22

CARBON NITRIDE BASED PHOTOCATALYSTS FOR SOLAR PHOTOCATALYTIC DISINFECTION, CAN WE GO FURTHER?
By: WANG, WJ; ZHOU, CY; YANG, Y; et al
Source: CHEMICAL ENGINEERING JOURNAL 404: - JAN 15 2021
Research Fields: ENGINEERING

Times Cited: 11
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23

ELECTROLYTES ENRICHED BY POTASSIUM PERFLUORINATED SULFONATES FOR LITHIUM METAL BATTERIES
By: QI, SH; WANG, HP; HE, J; et al
Source: SCIENCE BULLETIN 66 (7): 685-693 APR 15 2021
Research Fields: MATERIALS SCIENCE

Times Cited: 10
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24

A REVIEW OF CONTROLLING STRATEGIES OF THE IGNITION TIMING AND COMBUSTION PHASE IN HOMOGENEOUS CHARGE COMPRESSION IGNITION (HCCI) ENGINE
By: DUAN, XB; LAI, MC; JANSONS, M; et al
Source: FUEL 285: - FEB 1 2021
Research Fields: ENGINEERING

Times Cited: 10
 ESI Hot
 Research Front

25

DETERMINISTIC INTERFACE MODES IN TWO-DIMENSIONAL ACOUSTIC SYSTEMS
By: HUO, SY; HUANG, HB; WANG, LJ; et al
Source: INTERNATIONAL JOURNAL OF MODERN PHYSICS B 35 (1): - JAN 10 2021
Research Fields: PHYSICS

Times Cited: 9
 ESI Hot
 Research Front

26

THE 2021 BATTERY TECHNOLOGY ROADMAP
By: MA, JM; LI, YT; GRUNDISH, NS; et al
Source: JOURNAL OF PHYSICS D-APPLIED PHYSICS 54 (18): - APR 29 2021
Research Fields: PHYSICS

Times Cited: 6
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以上 26 篇论文中有 6 篇是环境学院的论文：

- 1) Xigui Liu, Danlian Huang*, Cui Lai*, Guangming Zeng, Lei Qin, Han Wang, Huan Yi, Bisheng Li, Shiyu Liu, Mingming Zhang, Rui Deng, Yukui Fu, Ling Li, Wenjing Xue, Sha Chen. Recent advances in covalent organic frameworks (COFs) as a smart sensing material. Chemical Society Reviews (SCI 2020 IF=54.564), 2019, 48(20), 5266-5302.(ESI Hot Paper, ESI Hot Paper 第 7 次上榜).
- 2) Shiyu Liu, Cui Lai, Bisheng Li, Chen Zhang, Mingming Zhang, Danlian Huang, Lei Qin, Huan Yi, Xigui Liu, Fanglong Huang, Xuerong Zhou, Liang Chen, Role of radical and non-radical pathway in activating persulfate for degradation of p-nitrophenol by sulfur-doped ordered mesoporous carbon, Chemical Engineering Journal (SCI 2020 IF=13.273), 384, 2020, 123304, (ESI Hot Paper, ESI Hot Paper 第 1 次上榜)
- 3) Han Wang¹, Hui Wang¹, Ziwei Wang¹, Lin Tang¹, Guangming Zeng*, Piao Xu*, Ming Chen, Ting Xiong, Chengyun Zhou, Xiyi Li, Danlian Huang, Yuan Zhu, Zixuan Wang and Junwang Tang*. Covalent Organic Framework Photocatalysts: Structures and Applications. Chemical Society Reviews (SCI 2020 IF=54.564) 2020.49:4135-4165. (ESI Hot Paper and ESI Highly Cited Paper, ESI Hot Paper 第 1 次上榜)
- 4) Sa Xiao¹, Min Cheng¹, Hua Zhong*, Zhifeng Liu*, Yang Liu, Xin Yang, Qinghua Liang. Iron-mediated activation of persulfate and peroxymonosulfate in both homogeneous and heterogeneous ways: A review. Chemical Engineering Journal (SCI 2020 IF=13.273), 2020, 384:123265 (ESI Hot Paper, ESI Hot Paper 第 2 次上榜).
- 5) Qi Yang*, Yinghao Ma, Fei Chen, Fubing Yao, Jian Sun, Shana Wang, Kaixin Yi, Lihua Hou, Xiaoming Li, Dongbo Wang*, Recent advances in photo-activated sulfate radical-advanced oxidation process (SR-AOP) for refractory organic pollutants removal in water, Chemical Engineering Journal (SCI 2020 IF=13.273), 2019, 378:122149 (ESI Hot Paper, ESI Hot Paper 第 2 次上榜).
- 6) Wenjun Wang, Chengyun Zhou, Yang Yang, Guangming Zeng*, Chen Zhang*, Yin Zhou, Jingnan Yang, Danlian Huang,, Han Wang, Weiping Xiong, Xiaopei Li, Yukui Fu, Ziwei Wang, Qingyun He, Meiyang Jia, Hanzhuo Luo. Carbon nitride based photocatalysts for solar photocatalytic

disinfection, can we go further? Chemical Engineering Journal (SCI 2020 IF=13.273). 2021.404
(126540) :1-23 (ESI Hot Paper and ESI Highly Cited Paper and ESI Research Front, ESI Hot
Paper 第 1 次上榜)