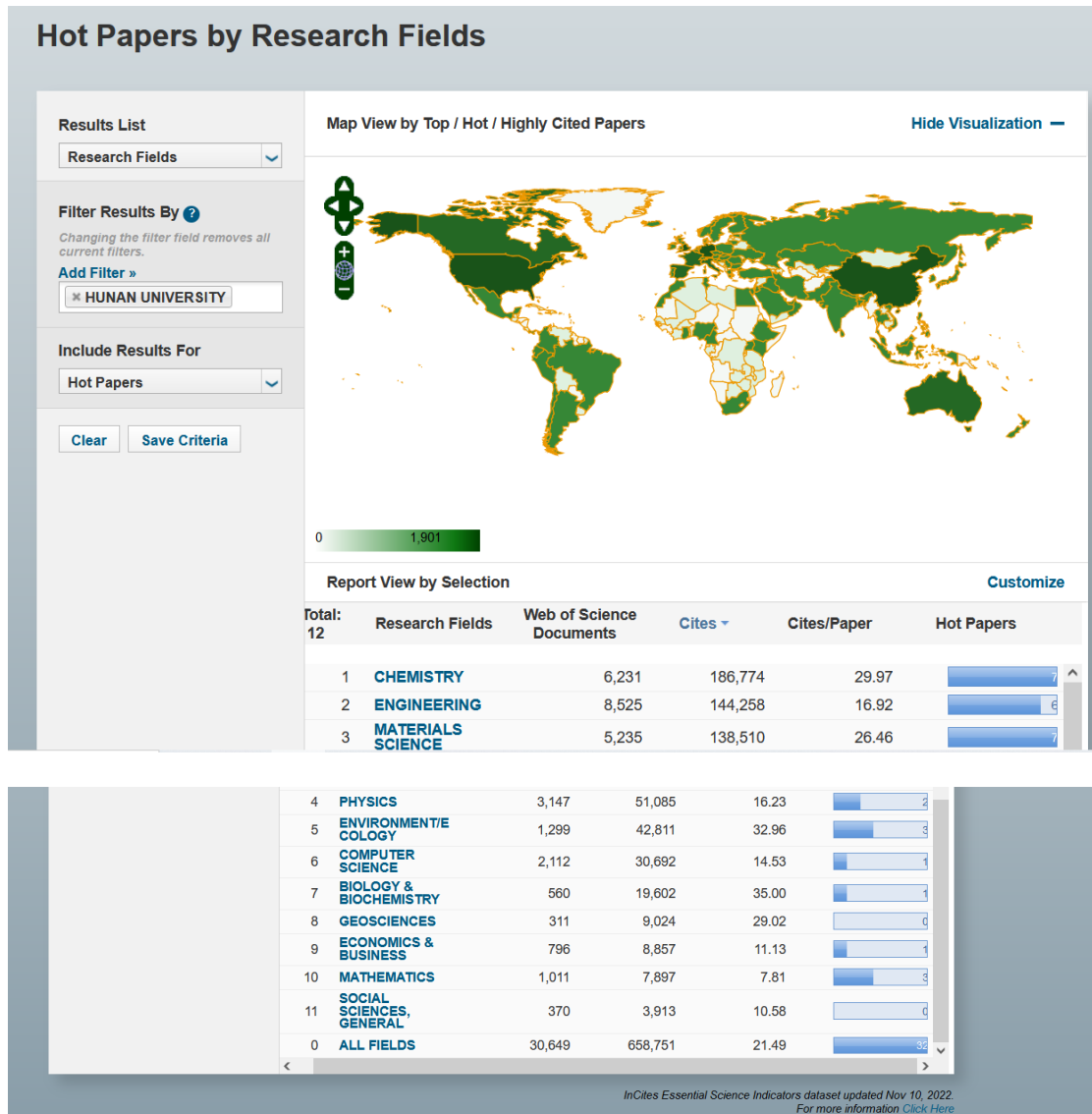


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		By: WANG, J; GAO, Y; KONG, H; et.al Source: CHEMICAL SOCIETY REVIEWS 49 (24): 9154-9196 DEC 21 2020 Research Fields: CHEMISTRY	
	2	SURFACE-PREFERRED CRYSTAL PLANE FOR A STABLE AND REVERSIBLE ZINC ANODE	Times Cited: 139 ESI Hot
		By: ZHOU, M; GUO, S; LI, JL; et.al Source: ADVANCED MATERIALS 33 (21): - MAY 2021 Research Fields: MATERIALS SCIENCE	
	3	PROMISES AND PROSPECTS OF TWO-DIMENSIONAL TRANSISTORS	Times Cited: 134 ESI Hot Research Front
		By: LIU, Y; DUAN, XD; SHIN, HJ; et.al Source: NATURE 591 (7848): 43-53 MAR 4 2021 Research Fields: MATERIALS SCIENCE	
	4	DEFECT CHEMISTRY IN HETEROGENEOUS CATALYSIS: RECOGNITION, UNDERSTANDING, AND UTILIZATION	Times Cited: 131 ESI Hot
		By: XIE, C; YAN, DF; LI, H; et.al Source: ACS CATALYSIS 10 (19): 11082-11098 OCT 2 2020 Research Fields: CHEMISTRY	
	5	ADMETLAB 2.0: AN INTEGRATED ONLINE PLATFORM FOR ACCURATE AND COMPREHENSIVE PREDICTIONS OF ADMET PROPERTIES	Times Cited: 124 ESI Hot Research Front
		By: XIONG, GL; WU, ZX; YI, JC; et.al Source: NUCLEIC ACIDS RESEARCH 49 (W1): W5-W14 JUL 2 2021 Research Fields: BIOLOGY & BIOCHEMISTRY	

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	6	A REVIEW OF LITHIUM-ION BATTERY SAFETY CONCERNS: THE ISSUES, STRATEGIES, AND TESTING STANDARDS	Times Cited: 123 ESI Hot
		By: CHEN, YQ; KANG, YQ; ZHAO, Y; et.al Source: JOURNAL OF ENERGY CHEMISTRY 59: 83-99 AUG 2021 Research Fields: CHEMISTRY	
	7	SHARP BOUNDS FOR THE WEIGHTED HOLDER MEAN OF THE ZERO-BALANCED GENERALIZED COMPLETE ELLIPTIC INTEGRALS	Times Cited: 120 ESI Hot Research Front
		By: ZHAO, TH; HE, ZY; CHU, YM Source: COMPUTATIONAL METHODS AND FUNCTION THEORY 21 (3): 413-426 SEP 2021 Research Fields: MATHEMATICS	
	8	INTERFACIAL ADSORPTION-INSERTION MECHANISM INDUCED BY PHASE BOUNDARY TOWARD BETTER AQUEOUS ZN-ION BATTERY	Times Cited: 116 ESI Hot Research Front
		By: SHAN, LT; WANG, YR; LIANG, SQ; et.al Source: INFOMAT 3 (9): 1028-1036 SEP 2021 Research Fields: MATERIALS SCIENCE	
	9	SHARP BOUNDS FOR THE TOADER MEAN OF ORDER 3 IN TERMS OF ARITHMETIC, QUADRATIC AND CONTRAHARMONIC MEANS	Times Cited: 113 ESI Hot Research Front
		By: CHU, HH; ZHAO, TH; CHU, YM Source: MATHEMATICA SLOVACA 70 (5): 1097-1112 OCT 2020 Research Fields: MATHEMATICS	
	10	ELECTROLYTE STRATEGIES TOWARD BETTER ZINC-ION BATTERIES	Times Cited: 110 ESI Hot
		By: LIU, CX; XIE, XS; LU, BG; et.al Source: ACS ENERGY LETTERS 6 (3): 1015-1033 MAR 12 2021 Research Fields: MATERIALS SCIENCE	

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	12	CRITICAL REVIEW OF ADVANCED OXIDATION PROCESSES IN ORGANIC WASTEWATER TREATMENT By: MA, DS; YI, H; LAI, C; et al Source: CHEMOSPHERE 275: - JUL 2021 Research Fields: ENVIRONMENT/ECOLOGY	Times Cited: 85 ESI Hot
	13	PH-BUFFER CONTAINED ELECTROLYTE FOR SELF-ADJUSTED CATHODE-FREE ZN-MNO2 BATTERIES WITH COEXISTENCE OF DUAL MECHANISMS By: LIU, ZX; YANG, YQ; LIANG, SQ; et al Source: SMALL STRUCTURES 2 (11): - NOV 2021 Research Fields: MATERIALS SCIENCE	Times Cited: 79 ESI Hot Research Front
	14	ADAPTIVE PAYLOAD DISTRIBUTION IN MULTIPLE IMAGES STEGANOGRAPHY BASED ON IMAGE TEXTURE FEATURES By: LIAO, X; YIN, JJ; CHEN, ML; et al Source: IEEE TRANSACTIONS ON DEPENDABLE AND SECURE COMPUTING 19 (2): 897-911 MAR-APR 2022 Research Fields: COMPUTER SCIENCE	Times Cited: 74 ESI Hot Research Front
	15	FRACTIONAL-ORDER DISCRETE-TIME SIR EPIDEMIC MODEL WITH VACCINATION: CHAOS AND COMPLEXITY By: HE, ZY; ABBES, A; JAHANSAHI, H; et al Source: MATHEMATICS 10 (2): - JAN 2022 Research Fields: MATHEMATICS	Times Cited: 70 ESI Hot Research Front

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	19	ACTIVATION OF PEROXYMONOSULFATE BY BIOCHAR-BASED CATALYSTS AND APPLICATIONS IN THE DEGRADATION OF ORGANIC CONTAMINANTS: A REVIEW By: ZHAO, CH; SHAO, BB; YAN, M; et al Source: CHEMICAL ENGINEERING JOURNAL 416: - JUL 15 2021 Research Fields: ENGINEERING	Times Cited: 57 ESI Hot
	20	PROSPECTS OF ELECTRODE MATERIALS AND ELECTROLYTES FOR PRACTICAL POTASSIUM-BASED BATTERIES By: FAN, L; HU, YY; RAO, AM; et al Source: SMALL METHODS 5 (12): - DEC 2021 Research Fields: MATERIALS SCIENCE	Times Cited: 52 ESI Hot Research Front

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27	TUNING Zn₂+ COORDINATION TUNNEL BY HIERARCHICAL GEL ELECTROLYTE FOR DENDRITE-FREE ZINC ANODE By: ZHANG, BY; QIN, LP; FANG, Y; et al Source: SCIENCE BULLETIN 67 (9): 955-962 MAY 15 2022 Research Fields: MATERIALS SCIENCE	Times Cited: 17 ESI Hot Research Front
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32	ADDITIVE-ASSISTED HYDROPHOBIC Li+ SOLVATED STRUCTURE FOR STABILIZING DUAL ELECTRODE ELECTROLYTE INTERPHASES THROUGH SUPPRESSING LiPF₆ HYDROLYSIS By: LI, F; LIU, JD; HE, J; et al Source: ANGEWANDTE CHEMIE-INTERNATIONAL EDITION: - MAY 12 2022 Research Fields: CHEMISTRY	Times Cited: 8 ESI Hot Research Front

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processes in organic wastewater treatment. *Chemosphere* (SCI 2021 IF=8.943) 275 (2021) 130104. (ESI Hot Paper and ESI Highly Cited Paper and ESI Research Front, ESI Hot Paper 第 2 次上榜)

2) Chenhui Zhao, Binbin Shao, Ming Yan, Zhifeng Liu*, Qinghua Liang, Qingyun He, Ting Wu, Yang Liu, Yuan Pan, Jing Huang, Jiajia Wang, Jie Liang, Lin Tang*. Activation of peroxymonosulfate by biochar-based catalysts and applications in the degradation of organic contaminants: A review. *Chemical Engineering Journal* (SCI 2021 IF=16.744), 2021, 416: 128829 (ESI Hot Paper and ESI Highly Cited Paper and ESI Research Front, ESI Hot Paper 第 1 次上榜)