Essential Science Indicators for Hot papers for Hunan Univ on 170511

Hot Papers by Institutions

Results List: Institutions

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Total: 1	Institutions	Web of Science Documents	Cites	Cites/Paper	Hot Papers
1	HUNAN UNIV	13,284	138,884	10.45	8

Papers by Research Field

Citation Trends

Documents

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Sort By: Citations — Customize Documents — 1 - 8 of 8

1 **BROADBAND NONLINEAR OPTICAL RESPONSE IN MULTI-LAYER BLACK PHOSPHORUS: AN EMERGING INFRARED AND MID-INFRARED OPTICAL MATERIAL**
By: LU, SB; MIAO, LL; GUO, ZN; et.al
Source: OPT EXPRESS 23 (9): 11183-11194 MAY 4 2015
Research Fields: PHYSICS
Times Cited: 137
ESI Hot

2 **AN ULTRAFAST RECHARGEABLE ALUMINIUM-ION BATTERY**
By: LIN, MC; GONG, M; LU, BG; et.al
Source: NATURE 520 (7547): 325-+ APR 16 2015
Research Fields: CHEMISTRY
Times Cited: 113
ESI Hot

3 **MECHANICALLY EXFOLIATED BLACK PHOSPHORUS AS A NEW SATURABLE ABSORBER FOR BOTH Q-SWITCHING AND MODE-LOCKING LASER OPERATION**
By: CHEN, Y; JIANG, GB; CHEN, SQ; et.al
Source: OPT EXPRESS 23 (10): 12823-12833 MAY 18 2015
Research Fields: PHYSICS
Times Cited: 107
ESI Hot

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4 **APPLICATION OF BIOCHAR FOR THE REMOVAL OF POLLUTANTS FROM AQUEOUS SOLUTIONS**
By: TAN, XF; LIU, YG; ZENG, GM; et.al
Source: CHEMOSPHERE 125: 70-85 APR 2015
Research Fields: ENVIRONMENT/ECOLOGY
Times Cited: 77
ESI Hot

5 **SYNTHESIS AND APPLICATIONS OF NOVEL GRAPHITIC CARBON NITRIDE/METAL-ORGANIC FRAMEWORKS MESOPOROUS PHOTOCATALYST FOR DYES REMOVAL**
By: WANG, H; YUAN, XZ; WU, Y; et.al
Source: APPL CATAL B-ENVIRON 174: 445-454 SEP 2015
Research Fields: CHEMISTRY
Times Cited: 48
ESI Hot

以上 8 篇 Hot Paper 中 有 4 篇是环境学院的论文：

1. Xiaofei Tan, Yunguo Liu*, Guangming Zeng, Xin Wang, Xinjiang Hu, Yanling Gu, Zhongzhu Yang. Application of biochar for the removal of pollutants from aqueous solutions. Chemosphere. 2015.125:70-85
2. Hou Wang; Xingzhong yuan*; Yan Wu; Guangming Zeng; Xiaohong Chen; Lijian Leng; Hui Li. Synthesis and applications of novel graphitic carbon nitride/metal–organic frameworks mesoporous photocatalyst for dyes removal.Applied Catalysis B：Environmental .2015.174: 445-454
3. Min Cheng, Guangming Zeng*, Danlian Huang*, Cui Lai, Piao Xu, Chen Zhang, Yang Liu. Hydroxyl radicals based advanced oxidation processes (AOPs) for remediation of soils contaminated with organic compounds: A review. Chemical Engineering Journal 2016. 284 : 582–598
4. Fei Chen, Qi Yang*, Yu Zhong, Hongxue An, Jianwei Zhao, Ting Xie, Qiuxiang Xu, Xiaoming Li, Dongbo Wang*, Guangming Zeng. Photo-reduction of bromate in drinking water by metallic Ag and reduced graphene oxide (RGO) jointly modified BiVO4 under visible light irradiation. Water Research. 2016. 101:555-563