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- 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: 159
ESI Hot
- 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: 124
ESI Hot
- THE LIMITATIONS OF APPLYING ZERO-VALENT IRON TECHNOLOGY IN CONTAMINANTS SEQUESTRATION AND THE CORRESPONDING COUNTERMEASURES: THE DEVELOPMENT IN ZERO-VALENT IRON TECHNOLOGY IN THE LAST TWO DECADES (1994-2014)**

By: GUAN, XH; SUN, YK; QIN, HJ; et.al
Source: WATER RES 75: 224-248 MAY 15 2015
Research Fields: ENVIRONMENT/ECOLOGY

Times Cited: 79
ESI Hot

- SURFACE PLASMON-ENHANCED PHOTODETECTION IN FEW LAYER MOS₂ PHOTOTRANSISTORS WITH AU NANOSTRUCTURE ARRAYS**

By: MIAO, JS; HU, WD; JING, YL; et.al
Source: SMALL 11 (20): 2392-2398 MAY 27 2015
Research Fields: MATERIALS SCIENCE

Times Cited: 74
ESI Hot
- HYDROXYL RADICALS BASED ADVANCED OXIDATION PROCESSES (AOPS) FOR REMEDIATION OF SOILS CONTAMINATED WITH ORGANIC COMPOUNDS: A REVIEW**

By: CHENG, M; ZENG, GM; HUANG, DL; et.al
Source: CHEM ENG J 284: 582-598 JAN 15 2016
Research Fields: ENGINEERING

Times Cited: 37
ESI Hot
- EFFICACY OF CARBONACEOUS NANOCOMPOSITES FOR SORBING IONIZABLE ANTIBIOTIC SULFAMETHAZINE FROM AQUEOUS SOLUTION**

By: ZHANG, C; LAI, C; ZENG, GM; et.al
Source: WATER RES 95: 103-112 MAY 15 2016
Research Fields: ENVIRONMENT/ECOLOGY

Times Cited: 17
ESI Hot
- SMART HOME ENERGY MANAGEMENT SYSTEMS: CONCEPT, CONFIGURATIONS, AND SCHEDULING STRATEGIES**

By: ZHOU, B; LI, WT; CHAN, KW; et.al
Source: RENEW SUSTAIN ENERGY REV 61: 30-40 AUG 2016
Research Fields: ENGINEERING

Times Cited: 10
ESI Hot

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| 8 | HOPF BIFURCATION IN A DIFFUSIVE LOTKA-VOLTERRA TYPE SYSTEM WITH NONLOCAL DELAY EFFECT | Times Cited: 7 ESI Hot |
| By: GUO, SJ; YAN, SL; Source: J DIFFERENTIAL EQUATIONS 260 (1): 781-817 JAN 5 2016 Research Fields: MATHEMATICS | | |
| 9 | POSITIVE SOLUTIONS OF KIRCHHOFF TYPE ELLIPTIC EQUATIONS IN R^4 WITH CRITICAL GROWTH | Times Cited: 2 ESI Hot |
| By: LIU, ZS; GUO, SJ; FANG, YQ; Source: MATH NACHR 290 (2-3): 367-381 FEB 2017 Research Fields: MATHEMATICS | | |

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以上 9 篇 Hot Paper 中 有 3 篇是环境学院的论文:

1. GUAN XH, SUN YK, QIN HJ, LI JX, LO IMC, HE D, DONG HR*. THE LIMITATIONS OF APPLYING ZERO-VALENT IRON TECHNOLOGY IN CONTAMINANTS SEQUESTRATION AND THE CORRESPONDING COUNTERMEASURES: THE DEVELOPMENT IN ZERO-VALENT IRON TECHNOLOGY IN THE LAST TWO DECADES (1994-2014). WATER RES. 2015. 75: 224-248
2. 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
3. Chen Zhang, Cui Lai, Guang-Ming Zeng*, Dan-Lian Huang*, Chunping Yang, Yang Wang, Yao-Yu Zhou, Min Cheng. Efficacy of carbonaceous nanocomposites for sorbing ionizable antibiotic sulfamethazine from aqueous solution. Water Research . 2016. 95:103-112