

| 单位    | 申报人 | 论文题目  | 论文分类      | 奖励核时  | 申报时间    | 奖励时间    |
|-------|-----|---|-----------|-------|---------|---------|
| 能源研究院 | 许晖  | Construction of MnO <sub>2</sub> /Monolayer g-C <sub>3</sub> N <sub>4</sub> with Mn vacancies for Z-scheme overall water pitting, Applied Catalysis B: Environmental, doi: 10.1016/j.apcatb.2018.08.073   | SCI<br>一区 | 10000 | 2018.09 | 2018.09 |
| 能源研究院 | 许晖  | Construction of novel CNT/LaVO <sub>4</sub> nanostructures for efficient antibiotic photodegradation, Chemical Engineering Journal, doi: 10.1016/j.cej.2018.09.098  | SCI<br>一区 | 10000 | 2018.09 | 2018.09 |
| 能源研究院 | 许晖  | Graphene oxide-modified LaVO <sub>4</sub> nanocomposites with enhanced photocatalytic degradation efficiency of antibiotics, Inorganic Chemistry Frontiers, doi: 10.1039/C8QI00864G   | SCI<br>一区 | 10000 | 2018.09 | 2018.09 |
| 能源研究院 | 许晖  | Conjugated conducting polymers PANI decorated Bi <sub>2</sub> O <sub>3</sub> /C <sub>12</sub> photocatalyst with extended light response range and enhanced photoactivity, Applied Surface Science 464(2019)552-561, doi:10.1016/j.apsusc.2018.09.103 | SCI<br>一区 | 10000 | 2018.09 | 2018.09 |
| 能源研究院 | 邓久军 | Phase and interlayer effect of transition metal dichalcogenide cocatalyst toward photocatalytic hydrogen evolution: The case of MoSe <sub>2</sub> . Applied   | SCI<br>一区 | 10000 | 2018.11 | 2018.11 |

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|-------|-----|--|-----------|-------|---------|---------|
|       |     | Catalysis B:<br>Environmental 243(2019)330-336,<br>DIO:10.1016/j.apcatb.2018.10.054  |           |       |         |         |
| 能源研究院 | 邓久军 | Multidimensional In <sub>2</sub> S <sub>3</sub> -CuInS <sub>2</sub> Heterostructure for Photocatalytic Carbon Dioxide Reduction, Inorg. Chem. Front., 2018, DOI: 10.1039/C8QI00924D  | SCI<br>一区 | 10000 | 2018.11 | 2018.11 |
| 能源研究院 | 余小杰 | Controllable synthesized heterostructure photocatalyst Mo <sub>2</sub> C@C/2D g-C <sub>3</sub> N <sub>4</sub> : enhanced catalytic performance for hydrogen production, Dalton Transactions, doi:10.1039/c8dt03161d                          | SCI<br>一区 | 10000 | 2018.11 | 2018.11 |
| 能源研究院 | 余小杰 | Construction of 2D SnS <sub>2</sub> /g-C <sub>3</sub> N <sub>4</sub> Z-scheme composite with superior visible-light photocatalytic performance, Applied Surface Science doi:10.1016/j.apsusc.2018.10.118                                     | SCI<br>一区 | 10000 | 2018.11 | 2018.11 |
| 能源研究院 | 余小杰 | Constructing Pd/2D-C <sub>3</sub> N <sub>4</sub> composites for efficient photocatalytic H <sub>2</sub> evolution through nonplasmon-induced bound electrons, Applied Surface Science 467-468(2019)151-157, doi:10.1016/j.apsusc,2018.10.115 | SCI<br>一区 | 10000 | 2018.11 | 2018.11 |

