**附件6**

**博士研究生国家奖学金候选人评选材料汇总表**

学院： 物理学院（加盖公章）

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| --- | --- | --- | --- | --- | --- |
| 序号 | 姓名 | 所在学院  专业学号 | 导师 | 科研条件 | 成绩、综合测评 |
| 1 | 冯振 | 物理学院  物理学  1802083013 | 戴宪起 | 1. [Oxygen molecule dissociation on heteroatom doped graphdiyne](https://www.sciencedirect.com/science/article/pii/S0169433219322378), **Applied Surface Science**, 2019, 494, 421-429.（第一作者，二区，IF=6.18）   2. [Molecule-level graphdiyne coordinated transition metals as new class of bifunctional electrocatalysts for oxygen reduction and oxygen evolution reactions](https://scihub.wikicn.top/10.1039/c9cp04068d), **Physical Chemistry Chemical Physics**, 2019, 21, 19651-19659.（第一作者，二区，IF=3.56）  3. [O-doped graphdiyne as metal-free catalysts for nitrogen reduction reaction](https://scihub.wikicn.top/10.1016/j.mcat.2019.110705), **Molecular Catalysis**, 2020, 483, 110705. （第一作者，二区，IF=3.68）  4. [Charge-compensated co-doping of graphdiyne with boron and nitrogen to form metal-free electrocatalysts for oxygen reduction reaction](https://scihub.wikicn.top/10.1039/c9cp05344a), **Physical Chemistry Chemical Physics**, 2020, 22, 1493-1501. （第一作者，IF=3.43, 二区）  5. [Atomic alkali metal anchoring on graphdiyne as single-atom catalysts for capture and conversion of CO2 to HCOOH](https://scihub.wikicn.top/10.1016/j.mcat.2020.111142), **Molecular Catalysis**, 2020, 494, 111142.（第一作者，IF=3.68, 二区） | 平均分：90.90  综合测评：1/12(8.3%) |
| 2 | 杨新伟 | 物理学院  物理学  1802083010 | 杨宗献 | 1. [Tailoring the Electronic Structure of Transition Metals by the V2C MXene Support: Excellent Oxygen Reduction Performance Triggered by Metal–Support Interactions](https://scihub.wikicn.top/10.1021/acsami.0c06174)，**ACS Appl. Mater. Interfaces**2020, 12, 25, 28206–28216.(第一作者， 一区，IF=8.758) 2. [Identification of Efficient Single-Atom Catalysts Based on V2CO2 MXene by ab Initio Simulations](https://scihub.wikicn.top/10.1021/acs.jpcc.9b09912)，**J. Phys. Chem. C** 2020, 124, 7, 4090–4100. (第一作者， 二区， IF =4.189) | 平均分：87.33  综合测评：2/12(16.6%) |

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