<table>
<tr><td>姓　　名</td><td>吕姚</td><td>性　　别</td><td>女</td><td>出生年月</td><td>1990.11</td><td rowspan="3">  </td></tr>
<tr><td>政治面貌</td><td>群众</td><td>学历学位</td><td>博士</td><td>职　　称</td><td>讲师</td></tr>
<tr><td>毕业院校和专业</td><td colspan="5">上海大学 凝聚态物理</td></tr>
<tr><td>研究方向和主讲课程</td><td colspan="6">研究方向：新能源材料的结构设计及其在电化学储能领域的应用与机理研究。
主讲课程：大学化学</td></tr>
<tr><td>主要荣誉和研究成果等</td><td colspan="6">代表论文
1. Lv Y, Huang S, Lu S, et al.Engineering of cobalt-free Ni-rich cathode material by dual element modification to enable 4.5 V-class high-energy-density lithium-ion batteries. Chemical Engineering Journal, 2023, 455: 140652
2. Lv Y, Huang S, et al. A review of nickel-rich layered oxide cathodes: synthetic strategies, structural characteristics, failure mechanism, improvement approaches and prospects. Applied Energy. 2022, 305, 117849.
3. Lv Y, Huang S, Lu S, et al. B_2O_3/$LiBO_2$ dual-modification layer stabilized Ni-rich cathode for lithium-ion battery. Journal of Power Sources, 2022, 536: 231510.
4. Lv Y, Huang S et al. N-B-F tridoped 3D hierarchical porous graphitized carbon derived from chitosan for high performance supercapacitors. Science of Advanced Materials. 2019,11(3): 418-424.
5. Huang S, Lv Y（共同一作）, et al. Three-dimensional hierarchical porous hard carbon for excellent sodium/potassium storage and mechanism investigation. Materials Today Energy. 2021, 20, 100673.
6. Huang S, Lv Y（共同一作）, et al. Realizing simultaneously enhanced energy and power density full-cell construction using mixed hard carbon/$Li_4Ti_5O_{12}$ electrode. Rare Metals, 2021, 40(1): 65-71.</td></tr>
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