<table>
<tr><td colspan="2">姓名：董秀丽</td><td>职称/职务：副教授</td><td rowspan="5">  </td></tr>
<tr><td colspan="2">学科：化学化工学院化学系</td><td>最高学位：博士</td></tr>
<tr><td colspan="2">院系：化学系</td><td>办公电话：13208470717</td></tr>
<tr><td colspan="3">通迅地址：东北石油大学化学化工学院（202）</td></tr>
<tr><td colspan="3">E-mail: dongxiuli@nepu.edu.cn</td></tr>
<tr><td colspan="3">个人主页：</td></tr>
<tr><td colspan="4">个人简介：<br>董秀丽，女，汉族，中共党员，副教授、硕士研究生导师。2023 年 6 月毕业于东北石油大学化学化工学院，取得工学博士学位，2023 年 7 月至今在东北石油大学开展博士后研究工作。主要从事稠油油藏纳米催化剂、光电探测与传感材料及单原子催化剂的制备与研发等相关研究。主持及参与国家和省部级科研项目 10 余项，在 Applied Catalysis B: Environmental、Chemical Engineering Journal、ACS Applied Materials & Interfaces、 Journal of Cleaner Production 等国内外知名期刊发表多篇 SCI 论文，申请发明专利两项。<br>欢迎具有化学、化工、材料等背景，对纳米材料、多相催化、光电自供能传感器等感兴趣的同学加入我们研究团队。</td></tr>
<tr><td colspan="4">学习经历<br>2019.9－2023.06，东北石油大学，化学工程与技术，博士<br>2012.9－2016.6，东北石油大学，化学，硕士<br>工作经历<br>2023.7-至今，东北石油大学，石油工程学院，博士后<br>2023.7-至今，东北石油大学，化学化工学院，副教授<br>研究方向<br>稠油油藏纳米催化剂、单原子催化剂、光电自功能传感<br>主讲课程<br>催化化学、无机化学、基础化学<br>社会职务<br>中国化学会会员</td></tr>
</table>

**科研项目**

(1) 中国博士后科学基金，噻吩类硫化物加氢脱硫的低成本单原子催化剂可控制备及构效关系研究，2023/11-2023/11，主持。

(2) 黑龙江省博士后基金，基于 MOFs 限域高负载量单原子催化剂制备及噻吩类硫化物加氢脱硫机制，2023/11-2023/11，主持。

(3) 东北石油大学科研启动基金，高负载量单原子催化剂的构筑及噻吩类硫化物加氢脱硫研究，2023/11-2028/11，主持。

**代表性论文**

(1) **Dong Xiuli,** Wang Chun, Zhang Mingyang，et al, Atomically dispersed single ruthenium sites anchored on bismuth tungstate with synergistic geometric and electronic effects for epoxidation of *trans*-stilbene [J]. Chemical Engineering Journal, 2023, 454, 139940.

(2) **Dong Xiuli,** Jia Yufei, Zhang Mingyang， et al. Molten salt-induction of geometrically deformed ruthenium single atom catalysts with high performance for aerobic oxidation of alcohols [J]. Chemical Engineering Journal, 2023, 451: 138660.

(3) Li Zhijun, **Dong Xiuli**, Zhang Mingyang, et al. Selective hydrogenation on a highly active single-atom catalyst of palladium dispersed on ceria nanorods by defect engineering[J]. ACS Applied Materials & Interfaces, 2020, 12(51): 57569-57577.

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(5) Wang Yingjun, **Dong Xiuli**, Cui Yanhong, et al. Synthesis of Mo-MCM-48 and their isomerization performances of n-heptane [J]. Journal of Porous Materials, 2019, 26: 1279-1286.

(6) Wang Yingjun, **Dong Xiuli**, Ma Shoutao, et al. Study on synthesis of mesoporous M-MCM-48 (M=Zr, Mg) and its activity for isomerization of n-heptane [J]. China Petroleum Processing and Petrochemical Technology, 2018, 20(3): 68-72.

(7) Li Zhijun, Zhang Mingyang, **Dong Xiuli**, et al. Strong electronic interaction of indium oxide with palladium single atoms induced by quenching toward enhanced hydrogenation of nitrobenzene [J]. Applied Catalysis B: Environmental, 2022, 313: 121462.

(8) Li Zhijun, Wang Xuexia, **Dong Xiuli**, et al. Creating high-performance bi-functional composite coatings on magnesium− 8lithium alloy through electrochemical surface engineering with highly enhanced corrosion and wear protection [J]. Journal of Alloys and Compounds, 2020, 818: 153341.

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(10) Li Z, Zhang M, Zhang L, **Dong X**, et al. Engineering the atomic interface of porous ceria nanorod with single palladium atoms for hydrodehalogenation reaction[J]. Nano Research, 2022, 15: 1338-1346.

**专利**

(1) **董秀丽**, 李智君, 张铭洋. 负载型钯单原子催化剂及其在肉桂醛选择性加氢中应用, 2020-10-15, 中国, CN202011104746.9

(2) 汪颖军, **董秀丽**, 所艳华, 张微. 一种壳型 Al-MCM-48 催化剂的制备方法, 2019-03-25, 中国, CN201910229588.0