


## 淮北师范大学研究生导师简介表

姓名：张敏	性别：女	出生年月：1988.09	
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招生专业名称	材料物理与化学		
主要研究方向	磁性功能材料		
个人简历	<p>张敏，女，1988年9月出生，2006.09-2010.07 淮北师范大学物理专业学士；2010.09-2015.06 中国科学院合肥物质科学研究院固体物理研究所材料物理与化学专业博士；2015.06-至今 淮北师范大学物理与电子信息学院副教授、硕士生导师。</p> <p>主要从事氧化物磁性功能材料方面的研究，先后主持安徽省自然科学基金1项，安徽省高校学校自然科学研究重点项目1项，安徽省高校学校自然科学研究一般项目1项；先后在 <i>Electrochim. Acta</i>、<i>Ceram. Int.</i>、<i>J. Alloys Compd.</i>、<i>J. Magn. Magn. Mater. Sci. China Tech. Sci.</i> 等期刊上发表论文20余篇；曾被评为2016-2017学年度本科生优秀指导教师，2019届本科毕业论文优秀指导教师。</p>		
主要学术成就	<p><b>承担的科研项目：</b></p> <ol style="list-style-type: none"> <li>1. 主持安徽省自然科学基金青年项目：<math>Ba_2Zn_{1.2}Mg_{0.8}Fe_{12}O_{22}</math> 基 Y 型六角铁氧体的可控制备及磁电性能研究，批准号：1908085QA36；</li> <li>2. 支持安徽省高等学校自然科学研究重点项目：强磁场下 Y 型六角铁氧体的制备及其磁电性能研究，批准号：KJ2018A0393；</li> <li>3. 主持安徽省高等学校自然科学研究一般项目：强磁场辅助低温下 Ni-Zn 铁氧体的制备及微波吸收性能研究，批准号：KJ2016B004.</li> </ol> <p><b>代表论著：</b></p> <p>[1] <b>M. Zhang</b>, C. Ma, H.M. Liu, Q.C. Liu, Controllable magnetic properties and enhanced microwave absorbing of <math>Ba_2Mg_2Fe_{12}O_{22}@Ni_{0.5}Zn_{0.5}Fe_2O_4</math>/multi-walled carbon nanotubes composites. <i>Journal of Alloys and Compounds</i>, 861, 158624 (2021).</p> <p>[2] <b>M. Zhang</b>, H.M. Liu, L.L. Pan, G.P. Zhu, Q. Li, C.P. Cui, Structural and magnetic properties of Ni-substituted <math>Ba_{0.5}Sr_{1.5}</math>-based Y-type</p>		

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- [10] **M. Zhang**, L.H. Yin, J.M. Dai, S. Lin, Z.F. Zi, X.B. Zhu, C.H. Liang, and Y.P. Sun, Large room-temperature magnetocaloric effect in the Mg or Cu Doped  $\text{Ba}_{0.5}\text{Sr}_{1.5}\text{Zn}_2\text{Fe}_{12}\text{O}_{22}$  hexagonal ferrites. *Ceramics International*. 41, 4923-4929 (2015).
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填表时间： 2021 年 3 月 12 日