

| Advisor Information | | | | |
|---------------------|--|--|---------------|-------------------|
| Name | WANG Zhiqiang | | Gender | Male |
| Academic Title | Professor | | Qualification | Doctor Degree |
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Personal detailed introduction

Graduated from East China Institute of Chemical Engineering (East China University of Science and Technology) In July 1986, major of inorganic materials science and engineering, bestowed Bachelor degree. Graduated from Dalian Institute of Light Industry (Dalian Polytechnic University) in April 1991, major of silicate engineering, bestowed Master of Engineering degree. Graduated from Dalian University of Technology in September 2008 major of Chemical Process, bestowed Doctor degree. Started working in the major of inorganic nonmetallic materials of Dalian Polytechnic University and to be appointed as a professor in September 2003.

Research direction (field)

Main academic research interests: inorganic functional powder preparation, glass physical chemistry and industrial slag comprehensive utilization. In the last five years, To preside over a natural science foundation of Liaoning Province and participated in a natural science foundation of Liaoning Province, presided over the completion of horizontal scientific and technological development projects.

Representative works and papers

1. Yu Fu, **Zhiqiang Wang**,* Jingjing Zhang, et al. Preparation and characterization of SrS:Eu²⁺_{0.02}, Dy³⁺_{0.01}/polyvinyl butyral composites. Optical Engineering, 56(6): 067111-1-067111-6 (Corresponding author, SCI)
2. Shengyue Gu, **Zhiqiang Wang**,*, ShuwenJiang, et al. Influences of Fe₂O₃ on the structure and properties of Bi₂O₃-B₂O₃-SiO₂ low-melting glasses, Ceramics International, 2014, 40: 7643-7645 (Corresponding author, SCI)
3. HAINING NIE, JINGJING ZHANG, **ZHIQIANG WANG***, et al. Influence of composition on the structure and properties of SrO-Sb₂O₃-P₂O₅ low-melting sealing glasses. Materials

Science-Poland, 33(4), 2015:862-866 (Corresponding author, SCI)

4. Xinyu Zhao, Xiaoli Wang, Hai Lin, **Zhiqiang Wang***. Correlation among electronic polarizability, optical basicity and interaction parameter of Bi₂O₃–B₂O₃ glasses, Physica B, 2007, 390: 293–300 (Corresponding author, SCI)

5. **Zhiqiang Wang**, Dongfeng Xue, Xiaoxu Chen, et al. Mechanical and biomedical properties of hydroxyapatite-based gradient coating on α -Al₂O₃ ceramic substrate, Journal of Non-Crystalline Solids, 2005, 351: 1675–1681 (SCI)