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Research interests

Development of novel Nitride phosphors for white light LED;
Synthesis and applications of nanoparticles for solid state lighting and biomedical fields

Education:

2003-2008 PhD., Physical Chemistry, Lanzhou Institute of Chemical Physics, Chinese Academy of Sciences, China

1998-2002 BSc, Chemistry, Shanxi University, China

Work Experiences:

2015.3- Associate Professor, Research Institute of Photonics, Dalian Polytechnic University, China

2011.5-2015.1 Senior Engineer, Dalian Luming light Co., Ltd., China

2008.6-2011.5 Post-doc, Dalian Institute of Chemical Physics, Chinese Academy of Sciences, China

Publications:

1. **Yanjie Zhang***, Han Zhang, Peipei Dong, Zhiyuan Cheng, Jingjie Yu, Desheng Li, Guanying Cao, *J Mater Sci: Mater Electron*, 2017, 28(1):86-93.
2. Han Zhang, Zhiyuan Cheng, **Yanjie Zhang***, Zeqing Hu, Jingjie Yu, Nianyu Zou, 2017, 52:7605-7614.
3. Zhiyuan Cheng, **Yanjie Zhang***, Jingjie Yu, Desheng Li, Guanying Cao, Zuoren Zhao, *Chinese Journal of Luminescence*, 2017, 38(7): 874-881.
4. Zeqing Hu, Zhiyuan Cheng, Peipei Dong, Han Zhang, **Yanjie Zhang***, *Journal of Alloys and Compounds* 727 (2017) 633-641.

5. **Yanjie Zhang**, Yanyan Zhao, Han Zhang, Liyuan Zhang, Huipeng Ma, Peipei Dong, Desheng Li, Jingjie Yu and Guanying Cao, *RSC Adv.* 2016, 6, 70653.
6. **Yanjie Zhang**, Junhu Wang, Virender K. Sharma. *Journal of Materials Science: Materials in Medicine*, 2014, 25(6): 1395-1401.
7. **Yanjie Zhang**, Jinjun Lu, Shengrong Yang. *Journal of Advanced Ceramics*, 2012, 1: 60-65.
8. **Yanjie Zhang**, Junhu Wang, Tao Zhang. *Chemical Communications*, 2011, 47: 5307-5309.
9. **Yanjie Zhang**, Junhu Wang, Jie Yin, Kunfeng Zhao, Changzi Jin, Yuying Huang, Zheng Jiang, Tao Zhang. *Journal of Physical Chemistry C*, 2010, 114: 16443-16450.
10. **Yanjie Zhang**, Jinjun Lu. *Journal of Crystal Growth*, 2009, 311: 4740-4746.
11. **Yanjie Zhang**, Jinjun Lu. *Crystal Growth & Design*, 2008, 8: 2101-2107.
12. **Yanjie Zhang**, Jinjun Lu. *Nanotechnology*, 2008, 19: 155608.
13. **Yanjie Zhang**, Jinjun Lu. *Journal of Nanoparticle Research*, 2007, 9: 589-594.
14. Jian Sui, **Yanjie Zhang**, Shufang Ren, Monika Rinke, Jinjun Lu, Junhong Jia. *Carbon*, 2009, 47: 629-634.
15. Jie Yin, Junhu Wang, **Yanjie Zhang**, Huanqiao Li, Yujiang Song, Changzi Jin, Ting Lu, Tao Zhang. *Chemical Communications*, 2011, 47(43): 11966-11968.
16. Kunfeng Zhao, Botao Qiao, Junhu Wang, **Yanjie Zhang**, Tao Zhang. *Chemical Communications*, 2011, 47, 1779-1781.
17. Botao Qiao, Aiqin Wang, Masashi Takahashi, **Yanjie Zhang**, Junhu Wang, Youquan Deng, Tao Zhang. *Journal of Catalysis*, 2011, 279: 361-365.
18. Jingjie Yu, Weitao Gong, **Yanjie Zhang**, Guiling Ning. *Journal of Luminescence*, 2014, 147: 250-252.
19. Yanjie Wang, **Yanjie Zhang**, Fuhai Yu, Changzi Jin, Xin Liu, Jingyuan Ma, Yu Wang, Yuying Huang, Junhu Wang. *Catalysis Today*, 2015, 258(1): 112-119.