

Dr. Zaka Ullah

List of Publications

(Journal Papers: 27, Cumulative Impact Factor: 66.137)

- [27] *Thermally Stable Polypyrrole/Hematite Composites with Tunable Dielectric and Magnetic Properties*
Aisha Batool, Farah Kanwal, Sumreen Asim, Saira Riaz, Shahid Atiq, Shahzad Naseem, Muhammad Waheed Mushtaq, **Zaka Ullah**
Polymer Science, Series A (Accepted on April 30, 2018) **IF: 0.729**
- [26] *Structural, Morphological and Optical Investigations of Silver Nanoparticles Synthesized by Sol-Gel Auto-combustion Method*
A. Aziz, M. Khalid, M. S. Akhtar, M. Nadeem, Z. A. Gilani, H. M. N. U. H. K. Asghar, J. Rehman, **Z. Ullah**, M. Saleem
Digest Journal of Nanomaterials and Biostructures 13 (2018) 679
http://www.chalcogen.ro/679_KhalidM.pdf **IF: 0.673**
- [25] *Realization of magnetostructural transition and magnetocaloric properties of Ni-Mn-Mo-Sn Heusler alloys*
Ishfaq Ahmad Shah, Najam ul Hassan, Abudu Keremu, Saira Riaz, Shahzad Naseem, Feng Xu, **Zaka Ullah**
Journal of Superconductivity and Novel Magnetism doi: 10.1007/s10948-018-4750-4
<https://link.springer.com/article/10.1007/s10948-018-4750-4> **IF: 1.142**
- [24] *Effect of Ni-Mn Ratio on Structural, Martensitic and Magnetic Properties of Ni-Mn-Co-Ti Ferromagnetic Shape Memory Alloys*
Najam ul Hassan, Ishfaq Ahmad Shah, Mohsan Jelani, M. Naeem, Saira Riaz, Shahzad Naseem, Feng Xu, **Zaka Ullah**
Materials Research Express 5 (2018) 086102
<http://iopscience.iop.org/article/10.1088/2053-1591/aad124> **IF: 1.151**
- [23] *Strongly coupled perylene bisimide/reduced graphene oxide as organic cathode materials for lithium ion batteries*
Wei Deng, Jing Yu, Yuting Qian, Rubing Wang, **Zaka Ullah**, Shoupu Zhu, Mingliang Chen, Weiwei Li, Yufen Guo, Qi Li, Liwei Liu
Electrochimica Acta 282 (2018) 24
<https://www.sciencedirect.com/science/article/pii/S0013468618313215> **IF: 5.116**
- [22] *A comparative study of graphene growth by APCVD, LPCVD and PECVD*
Zaka Ullah, Saira Riaz, Qi Li, Shahid Atiq, Muhammad Saleem, Muhammad Azhar, Shahzad Naseem, Liwei Liu
Materials Research Express 5 (2018) 035606
<http://iopscience.iop.org/article/10.1088/2053-1591/aab7b4/meta> **IF: 1.151**
- [21] *Synthesis of surfactant-coated cobalt ferrite nanoparticles for adsorptive removal of acid blue 45 dye*
Muhammad Waheed Mushtaq, Farah Kanwal, Muhammad Imran, Naila Ameen, Madeeha Batool, Aisha Batool, Shahid Bashir, Syed Mustansar Abbas, Ata ur Rehman, Saira Riaz, Shahzad Naseem, **Zaka Ullah**
Materials Research Express 5 (2018) 035058
<http://iopscience.iop.org/article/10.1088/2053-1591/aab6a4/meta> **IF: 1.151**
- [20] *Investigations on surface morphology and bandgap engineering of single crystal boron-doped silicon irradiated by nanosecond laser*
Maryam Sardar, Jun Chen, **Zaka Ullah**, Aasma Tabassum, Mohsan Jelani, Ju Cheng, Yuxiang Sun, Xueming Lv, Jian Lu
Applied Optics 57 (2018) 1296
<https://www.osapublishing.org/ao/abstract.cfm?uri=ao-57-6-1296> **IF: 1.791**
- [19] *Graphene/Ag-NWs Electrodes for Highly Transparent and Extremely Stretchable Supercapacitor*
Zaka Ullah, Qi Li, Rubing Wang, Qi Zeng, Weiwei Li, Liwei Liu
IEEE Transactions on Nanotechnology 17 (2018) 65
<http://ieeexplore.ieee.org/document/7763802/> **IF: 2.857**
- [18] *Multipulse nanosecond laser irradiation of silicon for the investigation of surface morphology and photoelectric properties*
Maryam Sardar, Jun Chen, **Zaka Ullah**, Mohsan Jelani, Aasma Tabassum, Ju Cheng, Yuxiang Sun, Jian Lu
Materials Research Express 4 (2017) 125902
<http://iopscience.iop.org/article/10.1088/2053-1591/aa9b68/meta> **IF: 1.068**

- [17] *Low resistivity of graphene nanoribbons with zigzag-dominated edge fabricated by hydrogen plasma etching combined with Zn/HCl pretreatment*
Fengkui Liu, Qi Li, Rubing Wang, Jianbao Xu, Junxiong Hu, Weiwei Li, Yufen Guo, Yuting Qian, Wei Deng, **Zaka Ullah**, Zhongming Zeng, Mengtao Sun, Liwei Liu
Applied Physics Letters 111 (2017) 203102
<http://aip.scitation.org/doi/abs/10.1063/1.4996055> **IF: 3.411**
- [16] *Ultra-broadband graphene-InSb heterojunction photodetector*
Jianbao Xu, Junxiong Hu, Rubing Wang, Qi Li, Weiwei Li, Yufen Guo, Fengkui Liu, **Zaka Ullah**, Long Wen, Liwei Liu
Applied Physics Letters 111 (2017) 051106
<http://aip.scitation.org/doi/abs/10.1063/1.4997327> **IF: 3.411**
- [15] *Annealing disintegrates Cu₂MoS₄ nanosheets into MoS₂ and Cu₂S nanoheterostructures*
Irfan Ali, **Zaka Ullah**, Imran Rehan, Adnan Khalil, Muhammad Habib, Hafiz Tariq Masood, Yasir Sohail, Muhammad Waseem
Journal of Materials Science: Materials in Electronics 28 (2017) 15936
<https://link.springer.com/article/10.1007/s10854-017-7490-5> **IF: 2.019**
- [14] *Assembly of highly stable aqueous dispersions and flexible films of nitrogen-doped graphene for high-performance stretchable supercapacitors*
Qi Zeng*, **Zaka Ullah***, Mingliang Chen*, Huitao Zhang, Rubing Wang, Lina Gao, Liwei Liu, Guanhong Tao, Qi Li
Journal of Materials Science 52 (2017) 12751
* These authors contributed equally
<https://link.springer.com/article/10.1007/s10853-017-1336-7> **IF: 2.599**
- [13] *Significant Enhancement of Metal Heat Dissipation from Mechanically Exfoliated Graphene Nanosheets through Thermal Radiation Effect*
Junxiong Hu, Jianbao Xu, Chao Zhu, Qi Li, **Zaka Ullah**, Fengkui Liu, Weiwei Li, Yufen Guo, Xinluo Zhao, Liwei Liu
AIP Advances 7 (2017) 055315
<http://aip.scitation.org/doi/full/10.1063/1.4984028> **IF: 1.568**
- [12] *Fast Batch Production of High-quality Graphene Films in Sealed Thermal Molecular Movement System*
Jianbao Xu, Junxiong Hu, Qi Li, Rubing Wang, Weiwei Li, Yufen Guo, Yongbo Zhu, Fengkui Liu, **Zaka Ullah**, Guocai Dong, Zhongming Zeng, Liwei Liu
Small (2017) 1700651
<http://onlinelibrary.wiley.com/doi/10.1002/sml.201700651/abstract> **IF: 8.643**
- [11] *Polymer-Coated CoFe₂O₄ Nanoassemblies as Biocompatible Magnetic Nanocarriers for Anticancer Drug Delivery*
Muhammad Waheed Mushtaq, Farah Kanwal, Aisha Batool, Tahir Jamil, Muhammad Zia-ul-Haq, Bushra Ijaz, Qingrong Huang, **Zaka Ullah**
Journal of Materials Science 52 (2017) 9282
<https://link.springer.com/article/10.1007/s10853-017-1141-3> **IF: 2.599**
- [10] *Roles of Oxygen and Hydrogen in Crystal Orientation Transition of Copper Foils for High-Quality Graphene Growth*
Junxiong Hu, Jianbao Xu, Yanfei Zhao, Lin Shi, Qi Li, Fengkui Liu, **Zaka Ullah**, Weiwei Li, Yufen Guo, Liwei Liu
Scientific Reports 7 (2017) 45358
<http://www.nature.com/articles/srep45358> **IF: 4.259**
- [9] *Inducing the Magnetic Character in Reduced Graphene Oxide through Incorporation of Fe₂O₃ Nanoparticles*
Abdur Rauf, Syed Sohail Ahmad Shah, Sobia Allah Rakha, Munazza Gul, Ishaq Ahmad, **Zaka Ullah**, Ishfaq Ahmad Shah, Shahzad Naseem
International Journal of Modern Physics B 31 (2017) 1750118
<http://www.worldscientific.com/doi/abs/10.1142/S0217979217501181> **IF: 0.736**
- [8] *Self-assembly of Urchin-like Porphyrin/Graphene Microspheres for Artificial Photosynthetic Production of Formic Acid from CO₂*
Qi Li, Qi Zeng, Lina Gao, **Zaka Ullah**, Hui Li, Yufen Guo, Weiwei Li, Ying Shi, Guanhong Tao, Liwei Liu
Journal of Materials Chemistry A 5 (2017) 155
<http://pubs.rsc.org/en/content/articlelanding/2016/ta/c6ta07508h#!divAbstract> **IF: 8.867**
- [7] *Influence of Ion Beam Irradiation on Structural, Magnetic and Electrical Characteristics of Ho-doped AlN Thin Films*
Najam ul Hassan, Zahid Hussain, M. Naeem, Ishfaq Ahmad Shah, G. Husnain, Ishaq Ahmad, **Zaka Ullah**
Surface Review and Letters 24 (2017) 1750021
<http://www.worldscientific.com/doi/abs/10.1142/S0218625X17500214> **IF: 0.491**
- [6] *Wide Range Strain Sensors Based on Highly Transparent and Supremely Stretchable Graphene/Ag-Nanowires Hybrid Structures*

Qi Li*, **Zaka Ullah***, Weiwei Li, Yufen Guo, Jianbao Xu, Rubing Wang, Qi Zeng, Mingliang Chen, Chaojun Liu, Liwei Liu

Small 12 (2016) 5058

* **These authors contributed equally**

<http://onlinelibrary.wiley.com/doi/10.1002/sml.201600487/full>

IF: 8.315

- [5] *Sintering Effects on Structural and Magnetic Behaviours of NdFeB Magnets*
Ishfaq Ahmad Shah, Tahir Abbas, **Zaka Ullah**, Najum ul Hassan, Abdur Rauf, Kaleem Ullah, Shahzad Naseem
Armenian Journal of Physics 8 (2015) 185
<http://ajp.asj-oa.am/750/> **IF: N/A**
- [4] *Optical Response of UV Laser Irradiated Extrinsic Semiconductor*
Maryam Sardar, **Zaka Ullah**, Anwar Latif, Bushra Jabar, Abida Perveen, Muhammad Shahid Rafique, Muhammad Khaleeq-Ur-Rahman
Armenian Journal of Physics 8 (2015) 79
<http://ajp.asj-oa.am/740/> **IF: N/A**
- [3] *Sn doped ZnO Thin Films Prepared by Pulsed Laser Deposition for Photovoltaic Applications*
Irfan Ali, **Zaka Ullah**, Khurram Siraj, Muhammad Shahid Rafique, Muhammad Khaleeq-ur-Rahman
International Journal of Thin Films Science and Technology 3 (2014) 107
<http://www.naturalspublishing.com/Article.asp?ArtcID=5527> **IF: N/A**
- [2] *Indexing the Diffraction Patterns and Investigating the Crystal Structure of Pb-doped Strontium Ferrites*
Zaka Ullah, Shahid Atiq, Shahzad Naseem
Journal of Scientific Research 5 (2013) 235
<http://banglajol.info/bd/index.php/JSR/article/view/11578> **IF: N/A**
- [1] *Influence of Pb Doping on Structural, Electrical and Magnetic Properties of Sr-Hexaferrites*
Zaka Ullah, Shahid Atiq, Shahzad Naseem
Journal of Alloys and Compounds 555 (2013) 263
<http://www.sciencedirect.com/science/article/pii/S0925838812022852> **IF: 2.390**

Chinese Patent

可拉伸的柔性压力传感器及其制造方法 (Invention and manufacturing of novel stretchable and flexible pressure sensor)
刘立伟, 扎卡乌拉, 李奇, 曾奇, 高丽娜, 王汝冰 (Liwei Liu, **Zaka Ullah**, Qi Li, Qi Zeng, Lina Gao, Rubing Wang)
申请号: 201610452659.X (Application Number: 201610452659.X)