

List of Publications in Year 2019

JCR Journals Publications:

Dr. Saba Javaid

1. Babar, I. M., **Saba Javaid**, and Shabana Rizvi. "Transport Properties of Chalcopyrite (CuFeS₂) in a Wide Range of Temperatures." *Journal of Electronic Materials* 48.4 (2019): 2215-2218. (I.F=1.18)

Mr. Junaid Kareem Khan

1. Naimatullah Channa, Muhammad Khalid, Ali Dad Chandio, Ghulam Mustafa, Muhammad Saeed Akhtar, **Junaid Kareem Khan**, Jamshed Ahmad, Kashif Ali Kalhoro. Nickel-substituted Manganese Spinel Ferrite nanoparticles for high-frequency applications. *Journal of Materials Science: Materials in Electronics* <https://doi.org/10.1007/s10854-019-02684-0>. Springer Science+Business Media, LLC, part of Springer Nature 2019(I.F: 2.22)
2. M. Khalid, **J. K. Khan**, G. Mustafa, M. S. Akhtar, Z. A. Gilani, H. M. N. ul Huda Khan Asghar, S. Riaz, S. Naseem. Design and Analysis of normally on 4H-SiC vertical junction field effect transistor (VJFET) using sentaurus TCAD simulation. *Journal of Ovonic Research*. Vol. 15, No. 5 September – October 2019, p. 335 – 343.(I.F: 0.68)

Mr. Ghulam Mustafa

1. Faiza Shaikh, Tahira Mohsin Ali, **Ghulam Mustafa**, Abid Hasnain. Comparative study on effects of citric and lactic acid treatment on morphological, functional, resistant starch fraction and glycemic index of corn and sorghum starches. *International Journal of Biological Macromolecules* 135 (2019) 314–327.(I.F: 5.16)
2. Naimatullah Channa, Muhammad Khalid, Ali Dad Chandio, **Ghulam Mustafa**, Muhammad Saeed Akhtar, Junaid Kareem Khan, Jamshed Ahmad, Kashif Ali Kalhoro. Nickel-substituted Manganese Spinel Ferrite nanoparticles for high-frequency applications. *Journal of Materials Science: Materials in Electronics* <https://doi.org/10.1007/s10854-019-02684-0>. Springer Science+Business Media, LLC, part of Springer Nature 2019(I.F: 2.22)
3. M. Khalid, J. K. Khan, **G. Mustafa**, M. S. Akhtar, Z. A. Gilani, H. M. N. ul Huda Khan Asghar, S. Riaz, S. Naseem. Design and Analysis of normally on 4H-SiC vertical junction field effect transistor (VJFET) using sentaurus TCAD simulation. *Journal of Ovonic Research*. Vol. 15, No. 5 September – October 2019, p. 335 – 343.(I.F: 0.68)

Local Journals Publications:

Dr. Saba Javaid

1. **Saba Javaid**, Roohi Zafar, and Zaheer Uddin. "Theoretical analysis of 4f25d2 configuration of singly ionized praseodymium." *Journal of Physics Communications* 3, no. 9 (2019): 095012.

Dr. Roohi Zafar

1. Saba Javaid, **Roohi Zafar**, and Zaheer Uddin. "Theoretical analysis of 4f25d2 configuration of singly ionized praseodymium." *Journal of Physics Communications* 3, no. 9 (2019): 095012.

Conference Publications/Proceedings

Dr. Hira Ashfaq Lodhi

1. 1945 Makran Tsunami: Validation through oral and written histories