

LIST OF PUBLICATIONS:

1. **Awan, I.Z.**, A.Q. Khan, Recovery, Recrystallization, and grain-Growth. Journal of the Chemical Society of Pakistan. 41, 1 (2019) 1-42.
2. **Awan, I.Z.**, A.Q. Khan, Corrosion-Occurrence and Prevention. Journal of the Chemical Society of Pakistan. 40, 4 (2018) 602-655.
3. **Awan, I.Z.**, A.Q. Khan, Shape Memory Alloys. Journal of the Chemical Society of Pakistan. 40, 1 (2018) 1-23.
4. **Awan, I.Z.**, A.Q. Khan, Precipitation from Solid Solutions. Journal of the Chemical Society of Pakistan. 39, 3 (2017) 319-336.
5. **Awan, I.Z.**, S.B. Hussain., A. Haq., A.Q. Khan, Wondrous Nanotechnology. Journal of the Chemical Society of Pakistan. 38, 6 (2016) 1026-1055.
6. Rehman, Z., S. Ibrahim., A. Khan., M. Imran., M.M. Naseer., I. Khan., A. Shah., M.N. Tahir., M. Rahman., M., **I. Z. Awan**, Homobimetallic zinc(II) dithiocarbamates: synthesis, characterization and in vivo antihyperglycemic activity. Journal of Coordination Chemistry. 69, 3 (2016) 551-561.
7. Ahmed, F., K. Shah., **I.Z. Awan**, M. R. Shah, Triazole-based highly selective supramolecular sensor for the detection of diclofenac in real samples. Ecotoxicology and Environmental Safety, 129 (2016) 103-108.
8. **Awan, I.Z.**, A.Q. Khan, Uranium-The Element: Its Occurrence and Uses. Journal of the Chemical Society of Pakistan. 37, 6 (2015) 1056.
9. Khan, S. Z., M.K. Amir., M.M. Naseer., R. Abbasi., K. Mazhar., M.N. Tahir., **I.Z. Awan.**, Z. Rehman., Heteroleptic Pd(II) dithiocarbamates: synthesis, characterization, packing and in vitro anticancer activity against HeLa cell line Journal of Coordination Chemistry, 68, 14 (2015) 2539-2551.

Book Chapter:

I.Z. Awan, N. Tanchoux, F. Quignard, S. Albonetti, F. Cavani, F. Di Renzo, Heterogeneous catalysis as a tool for production of functional aromatic compounds from lignin, in S. Albonetti, S. Perathoner, E. A. Quadrelli (Eds.), Horizons in Sustainable Industrial Chemistry and Catalysis, Elsevier, 178, Amsterdam (2019) 257-275.