

Year 2015	
Accepted/Published	
1	<i>"Fabrication of ALD-ZrO₂/n-Ge MOS capacitors with Pt/Ti bilayer metal electrodes for advanced CMOS devices"</i> , A. M. Mahajan, Anil G. Khairnar, Brian J. Thibeault, accepted in Silicon (Springer) DOI: 10.1007/s12633-015-9322-7 (2015) IF – 1.07.
2	<i>"Electrical properties of HfO₂ high-k thin film MOS capacitor for advanced CMOS technology"</i> , A. G. Khairnar, L. S. Patil, R. S. Salunke and A. M. Mahajan, accepted for publication in Indian Journal of Physics (Springer), 89(11), 1177-1181 (2015) IF-1.78.
3	<i>"Effect of PdCl₂ Molarity on the Gas Sensing Properties of Nanocrystalline Indium Oxide"</i> , S.C.Kulkarni, D.S.Patil Sensor Letters, 13,(2015), 294-299
4	<i>"Enhanced field emission study of SnS/TiO₂ nanocomposite"</i> , Girish P. Patil, Vivekanand S. Bagal, Sachin R. Suryawanshi, Mahendra A. More, Padmakar G. Chavan, IEEE 978-1-4673-9357-7/15, DOI: 10.1109/IVNC.2015.7225553 (2015).
5	<i>"First Report on SILAR Deposited Nanostructured Uranyl Sulphide Thin Films and Its Chemical Conversion to Silver Sulphide"</i> , D J Garole, S R Tetgure, A U Borse, Y R Toda, V J Garole, B R Sankapal & <u>P K Baviskar</u> , New Journal of Chemistry, 39 (2015) 8695-8702
6	<i>"1-D electron path of 3-D architecture consisting of dye loaded CdS nanowires: dye sensitized solar cell"</i> , B Sankapal, A Tripude, S Majumder, & <u>P Baviskar</u> , Journal of Alloys & Compounds, 651 (2015) 399-404
7	<i>"SILAR coated Bi₂S₃ nanoparticles on vertically aligned ZnO nanorods: Synthesis and Characterizations"</i> , P R Nikam, <u>P K Baviskar</u> , J V Sali, K V Gurav, J H Kim & B R Sankapal, Ceramics International, 41 (2015) 10394-10399
8	<i>"Electrical properties of HfO₂ high-k thin film MOS capacitor for advanced CMOS technology"</i> A. G. Khairnar, L. S. Patil, R. S. Salunke and A. M. Mahajan, Indian Journal of Physics (Springer), 89(11), 1177-1181 (2015) IF- 1.166