

Year 2021 Accepted/Published	
1	Nakate, Y. T., Nakate, U. T., Mane, R. S., & Shirale, D. J. (2021). Natural Coconut Liquid Derived Nanosheets Structured Carbonaceous Material for High-Performance Supercapacitors. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 127012.
2	Salunke, R. S., Nakate, Y. T., Umar, A., Nakate, U. T., Ahmad, R., & Shirale, D. J. (2021). Anodic stripping voltammetry analysis of gold nanoparticles functionalized one-dimensional single polypyrrole nanowire for arsenic sensing. <i>Surfaces and Interfaces</i> , 23, 100895.
3	Barhate, V. N., Agrawal, K. S., Patil, V. S., & Mahajan, A. M. (2021). Post-deposition-annealed lanthanum-doped cerium oxide thin films: structural and electrical properties. <i>Rare Metals</i> , 40(7), 1835-1843.
4	Patil, S., Barhate, V., Mahajan, A., Xu, H., Rasadujjaman, M., & Zhang, J. (2021). Investigation of electrical properties of peald-deposited Ti/Al ₂ O ₃ /Al/Si MIM capacitors. <i>International Journal of Modern Physics B</i> , 2140045.
5	Gupta, S., Gaikwad, A., Mahajan, A., Hongxiao, L., & Zhewei, H. (2021). Sol-gel deposited xerogel, aerogel and porogen based porous low-k thin films: A comparative investigation. <i>International Journal of Modern Physics B</i> , 2140019.
6	Jadhav, C. D., Rondiya, S. R., Hambire, R. C., Baviskar, D. R., Deore, A. V., Cross, R. W., ... & Chavan, P. G. (2021). Highly efficient field emission properties of vertically aligned 2D CuSe nanosheets: An experimental and theoretical investigation. <i>Journal of Alloys and Compounds</i> , 875, 159987.
7	Deore, A. B., More, M. A., Musmade, B. B., Nerkar, S. D., Chavan, P. G., & Koinkar, P. M. (2021). Photo-enhanced field-emission behavior of CdSSe microflowers. <i>International Journal of Modern Physics B</i> , 2140032.
8	Patil, G. P., Rondiya, S. R., Bagal, S., Shivhare, S., Cross, R. W., Dzade, N. Y., & Chavan, P. G. (2021). Field Emission Characteristics of Double Walled TiO ₂ Nanotubes. <i>ES Materials & Manufacturing</i> , 13, 76-81.
9	Nasane, M. P., Rondiya, S. R., Jadhav, C. D., Rahane, G., Cross, R. W., Jathar, S., ... & Jadkar, S. R. (2021). An Interlinked Computational-Experimental Investigation into SnS Nano-Flakes for Field Emission Application. <i>New Journal of Chemistry</i> .
10	Kulkarni S. C., and D. S. Patil, "Synthesis of In ₂ O ₃ nano powder by Aloe barbadensis Miller extract and its application as H ₂ S gas sensor", American Institute of Physics Conference Proceedings 2335(1) (2021) 100005.