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1	Khairnar, A. G., V. S. Patil, K. S. Agrawal, R. S. Salunke, and A. M. Mahajan. "PEALD grown high-k ZrO ₂ thin films on SiC group IV compound semiconductor." <i>Semiconductors</i> 51, no. 1 (2017): 131-133.
2	Salunke, Rahul S., Chetan K. Kasar, Mangesh A. Bangar, Padmakar G. Chavan, and Dhammanand J. Shirale. "Electrodeposition of gold nanoparticles decorated single polypyrrole nanowire for arsenic detection in potable water: a chemiresistive sensor device." <i>Journal of Materials Science: Materials in Electronics</i> 28, no. 19 (2017): 14672-14677.
3	Bagal, Vivekanand S., Girish P. Patil, Amol B. Deore, Prashant K. Baviskar, Dhammanand J. Shirale, and Padmakar G. Chavan. "Enhanced field emission properties from surface-modified 2D Cd(OH) ₂ nanocoins." <i>Applied Physics A</i> 123, no. 2 (2017): 125.
4	Dixit, Shantanu, E. Dhanumalayan, J. Anandraj, Mayank Pandey, Girish M. Joshi, N. Madhusudhana Rao, S. Kaleemulla, D. J. Shirale, and M. Teresa Cuberes. "Resonance Frequency, Bandwidth and Quality factor of Varying Grades of Poly (Tetrafluoroethylene) Films15." (2017).
5	Agrawal, Khushabu S., Vilas S. Patil, Anil G. Khairnar, and Ashok M. Mahajan. "Preparation of rare earth CeO ₂ thin films using metal organic decomposition method for metal-oxide-semiconductor capacitors." <i>Journal of Materials Science: Materials in Electronics</i> 28, no. 17 (2017): 12503-12508.
6	Gupta, Swati A., Anil S. Gaikwad, and Ashok M. Mahajan. "Tween-80 based ultra low-k (ULK) mesoporous films." <i>Journal of Materials Science: Materials in Electronics</i> 28, no. 19 (2017): 14763-14768.
7	Kasar, Chetan K., Jaspal P. Bange, and D. S. Patil. "Effect of cerium composition on optical and structural properties of cerium doped ZnO nanowires." <i>Journal of Materials Science: Materials in Electronics</i> 28, no. 15 (2017): 11217-11221.
8	Bhole, Shalaka V., Ulhas S. Sonawane, Chetan K. Kasar, Jaspal P. Bange, and D. S. Patil. "Study of Varying Tubes in Carbon Nanotube FET Based Inverter." In <i>Recent Trends in Materials and Devices</i> , pp. 535-542. Springer, Cham, 2017.
9	Kasar, Chetan K., Ulhas S. Sonawane, Jaspal P. Bange, and D. S. Patil. "Structural and Optical Properties of Single Crystalline Cerium Doped ZnO Thin Films." In <i>Recent Trends in Materials and Devices</i> , pp. 237-241. Springer, Cham, 2017.
10	Sonawane, Ulhas S., E. P. Samuel, C. K. Kasar, and D. S. Patil. "Effect of biasing voltage on quantum confinement in GaN/Al _x Ga _{1-x} N nanowire structure." <i>Optik-International Journal for Light and Electron Optics</i> 137 (2017): 115-123.
11	Bhole, Shalaka V., Ulhas S. Sonawane, Chetan K. Kasar, Jaspal P. Bange, and D. S. Patil. "Study of Varying Tubes in Carbon Nanotube FET Based Inverter." In <i>Recent Trends in Materials and Devices</i> , pp. 535-542. Springer, Cham, 2017.
12	Patil, Girish P., Vivekanand S. Bagal, Mahendra A. More, D. S. Joag, N. S. Gajbhiye, Khemchand Dewangan, and Padmakar G. Chavan. "Tapered V ₂ O ₅ Nanofibers for Field Emission Application." <i>Journal of Nanoelectronics and Optoelectronics</i> 12, no. 3 (2017): 286-290.

13	Patil, Girish P., Vivekanand S. Bagal, Amol B. Deore, M. A. More, and Padmakar G. Chavan. "TiO ₂ nanotubes decorated by silver nanocubes: Extraction of high field emission current density." In <i>AIP Conference Proceedings</i> , vol. 1832, no. 1, p. 050004. AIP Publishing, 2017.
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