

# Ananta G Dhodamani

## List of Publications by Year in descending order

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21  
papers

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687220

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22  
docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Compositional-dependent enhanced physicochemical and photovoltaic studies of nanocrystalline Ti <sub>1-x</sub> Fe <sub>x</sub> O <sub>2</sub> - $\gamma$ photoelectrodes co-sensitized with CdS QDs-N719 dye. Journal of Solid State Electrochemistry, 2022, 26, 1075-1084.	1.2	2
2	Ultrasonochemically Modified Ag@TiO <sub>2</sub> Nanocomposites as Potent Antibacterial Agent in the Paint Formulation for Surface Disinfection. ChemistrySelect, 2021, 6, 113-122.	0.7	11
3	Effect of Mn <sup>2+</sup> Substitution into the Host Lattice of ZnO via sol-gel Route for Boosting the Dye-Sensitized Solar Cells Performance. Chemical Papers, 2021, 75, 4001-4017.	1.0	3
4	Enhanced photocatalytic performance of ultrasound treated GO/TiO <sub>2</sub> composite for photocatalytic degradation of salicylic acid under sunlight illumination. Ultrasonics Sonochemistry, 2020, 61, 104849.	3.8	124
5	Interfacially Interactive Ternary Silver-Supported Polyaniline/Multiwalled Carbon Nanotube Nanocomposites for Catalytic and Antibacterial Activity. ACS Omega, 2020, 5, 219-227.	1.6	58
6	Catalytic Reclamation of Silver Present in Photographic Waste Using Magnetically Separable TiO <sub>2</sub> @CuFe <sub>2</sub> O <sub>4</sub> Nanocomposites and Thereof Its Use in Antibacterial Activity. ACS Omega, 2020, 5, 1098-1108.	1.6	10
7	Structural Refinement and Optoelectronic Properties of (Mo <sub>x</sub> Ti <sub>1-x</sub> O <sub>2</sub> ) <sub>1-y</sub> (RGO) <sub>y</sub> Nanocomposites and Their Photovoltaic Studies with Natural Pigments as Sensitizers. ChemistrySelect, 2020, 5, 218-230.	0.7	5
8	Structural refinement and electrochemical properties of one dimensional (ZnO NRs) <sub>1-x</sub> (CNs) <sub>x</sub> functional hybrids for serotonin sensing studies. Scientific Reports, 2020, 10, 15955.	1.6	17
9	Synergistics of Cr(III) doping in TiO <sub>2</sub> /MWCNTs nanocomposites: Their enhanced physicochemical properties in relation to photovoltaic studies. Solar Energy, 2020, 201, 398-408.	2.9	12
10	Compositional Dependent Physicochemical and Photovoltaic Properties of the (TiO <sub>2</sub> ) <sub>1-x</sub> (RGO) <sub>x</sub> Nanocomposites for Sensitized Solar Cells Using Ru(II) Dyes. ChemistrySelect, 2019, 4, 1055-1068.	0.7	10
11	Noncovalent interactions based self-assembled bichromophoric sensitizer for dye-sensitized solar cells. Journal of Solid State Electrochemistry, 2019, 23, 1099-1107.	1.2	3
12	Sulfated TiO <sub>2</sub> /WO <sub>3</sub> nanocomposite: An efficient photocatalyst for degradation of Congo red and methyl red dyes under visible light irradiation. Materials Chemistry and Physics, 2019, 225, 247-255.	2.0	63
13	Structural and Optical Properties of Nanocrystalline TiO <sub>2</sub> with Multiwalled Carbon Nanotubes and Its Photovoltaic Studies Using Ru(II) Sensitizers. ACS Omega, 2018, 3, 2743-2756.	1.6	74
14	Multi-applicative tetragonal TiO <sub>2</sub> /SnO <sub>2</sub> nanocomposites for photocatalysis and gas sensing. Journal of Physics and Chemistry of Solids, 2018, 115, 127-136.	1.9	64
15	Molecular self-assembled designing and characterization of TiO <sub>2</sub> NPs-CdS QDs-dye composite for photoanode materials. Materials Characterization, 2018, 139, 337-346.	1.9	25
16	NH <sub>3</sub> gas sensing performance of ternary TiO <sub>2</sub> /SnO <sub>2</sub> /WO <sub>3</sub> hybrid nanostructures prepared by ultrasonic-assisted sol-gel method. Journal of Materials Science: Materials in Electronics, 2018, 29, 11830-11839.	1.1	14
17	Efficient degradation of Azorubin S colourant in the commercial jam-jelly food samples using TiO <sub>2</sub> -CoFe <sub>2</sub> O <sub>4</sub> nanocomposites in visible light. Materials Research Bulletin, 2017, 89, 79-88.	2.7	26
18	A simple strategy for the anchoring of anatase titania on multi-walled carbon nanotubes for solar energy harvesting. Solar Energy, 2017, 149, 188-194.	2.9	35

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19	In situ sol-gel synthesis of anatase TiO <sub>2</sub> -MWCNTs nanocomposites and their photocatalytic applications. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 333, 40-48.	2.0	53
20	Different Strategies for Modification of Titanium Dioxide as Heterogeneous Catalyst in Chemical Transformations. <i>Current Organic Chemistry</i> , 2017, 21, 821-833.	0.9	30
21	Visible light photo-induced antibacterial activity of TiO <sub>2</sub> -MWCNTs nanocomposites with varying the contents of MWCNTs. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 328, 50-58.	2.0	62