

# Sylvia devi Henam

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

464  
citations

1163117

8  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

602  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biosynthesis and antifungal activities of CuO and Al <sub>2</sub> O <sub>3</sub> nanoparticles. Comprehensive Analytical Chemistry, 2021, , 533-546.	1.3	5
2	Controlled phase synthesis of V <sub>m</sub> O <sub>n</sub> in differing oxidation states using a simplified formic acid process, quantified with a new generalized index designed for use with public domain material process information. Green Chemistry, 2021, 23, 8200-8211.	9.0	2
3	Facile Hydrothermal Synthesis of Cu and Al Oxide Nanoparticles for Photodegradation of Chlorpyrifos. Journal of Nanoscience and Nanotechnology, 2019, 19, 7707-7713.	0.9	5
4	Microwave synthesis of nanoparticles and their antifungal activities. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 213, 337-341.	3.9	53
5	High resistive state retention in room temperature solution processed biocompatible memory devices for health monitoring applications. MRS Advances, 2019, 4, 1409-1415.	0.9	2
6	Green synthesis of iron oxide nanoparticles using Platanus orientalis leaf extract for antifungal activity. Green Processing and Synthesis, 2019, 8, 38-45.	3.4	173
7	Preparation, characterization and antifungal activity of iron oxide nanoparticles. Microbial Pathogenesis, 2018, 115, 287-292.	2.9	134
8	Sustainable Synthesis of Ultrasmall Biogenic Platinum Nanoparticles for Selective Aqueous Phase Conversion of Glucose and Effective Hydrogen Peroxide Decomposition. Industrial & Engineering Chemistry Research, 2018, 57, 5190-5194.	3.7	9
9	Unique dual responsive activity of a platinum nanozyme stabilized by a green solvent: deep eutectic solvents. New Journal of Chemistry, 2018, 42, 12369-12373.	2.8	11
10	Degradation of m-Cresol by Silver Nanoparticles Synthesized Using Night Jasmine (<i>Nyctanthes Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Science, 2017, 34, 433-442.	1.6	2
11	Optically understanding the dependence of catalysis kinetics on work function of nanocatalyst. Bulletin of Materials Science, 2017, 40, 163-170.	1.7	9
12	Green synthesis, growth and catalytic activity of silver nanoparticles. Green Materials, 2017, 5, 165-172.	2.1	6
13	Synthesis of Mn <sub>2</sub> O <sub>3</sub> nanoparticles using choline chloride-ethylene glycol deep eutectic solvent: A green solvent. Integrated Ferroelectrics, 2017, 185, 82-89.	0.7	6
14	Cu-Zn and Cu-Ni Bimetallic Particles Fabricated Using Ascorbic Acid and Its Role in Photodegradation of Methyl Orange. Asian Journal of Chemistry, 2016, 28, 2255-2260.	0.3	2
15	Tailoring of bimetallic NiO@Ag nanoparticles for degradation of methyl violet through a benign approach. Journal of Materials Research, 2016, 31, 3459-3471.	2.6	3
16	Iron oxide nanoparticles synthesis through a benign approach and its catalytic application. Perspectives in Science, 2016, 8, 287-289.	0.6	12
17	A Benign Approach for Synthesis of Silver Nanoparticles and Their Application in Treatment of Organic Pollutant. Arabian Journal for Science and Engineering, 2016, 41, 2249-2256.	1.1	5
18	Facile synthesis of biogenic gold nanocatalyst for efficient degradation of organic pollutants. Journal of Environmental Chemical Engineering, 2015, 3, 2042-2049.	6.7	24

#	ARTICLE	IF	CITATIONS
19	Extraction of electromechanical coefficients from capacitance-voltage measurements of unannealed solution-processed KNN thin films: effects of frequency, and electrostatic and mechanical deformation. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 0, , .	1.8	1