

Ramesh Asapu

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

319
citations

1163117

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1588992

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10
all docs

10
docs citations

10
times ranked

613
citing authors

#	ARTICLE	IF	CITATIONS
1	Polypyrrole-Titania Nanocomposites Derived from Different Oxidants. Journal of the Electrochemical Society, 2011, 158, K205.	2.9	74
2	Phosphorus-doped titania nanotubes with enhanced photocatalytic activity. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 225, 81-87.	3.9	59
3	Silver-polymer core-shell nanoparticles for ultrastable plasmon-enhanced photocatalysis. Applied Catalysis B: Environmental, 2017, 200, 31-38.	20.2	48
4	Plasmonic Near-Field Localization of Silver Core-Shell Nanoparticle Assemblies via Wet Chemistry Nanogap Engineering. ACS Applied Materials & Interfaces, 2017, 9, 41577-41585.	8.0	34
5	Electron Transfer and Near-Field Mechanisms in Plasmonic Gold-Nanoparticle-Modified TiO ₂ Photocatalytic Systems. ACS Applied Nano Materials, 2019, 2, 4067-4074.	5.0	34
6	Gas phase photocatalytic spiral reactor for fast and efficient pollutant degradation. Chemical Engineering Journal, 2017, 316, 850-856.	12.7	32
7	Plasma-Enhanced Atomic Layer Deposition of Silver Using Ag(fod)(PEt ₃) and NH ₃ -Plasma. Chemistry of Materials, 2017, 29, 7114-7121.	6.7	20
8	Characterization of silver-polymer core-shell nanoparticles using electron microscopy. Nanoscale, 2018, 10, 9186-9191.	5.6	11
9	Performance Evaluation of Automotive HVAC System with the Use of Liquid Cooled Condenser. , 2014, , .		6
10	Retrospective on Cubic Equation of State for R134a Refrigerant Used in Automotive Application. , 0, , .		1