

Valmiki B Koli

List of Publications by Year in descending order

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11
papers

469
citations

933447

10
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

683
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and characterization of copper-doped anatase TiO ₂ nanoparticles with visible light photocatalytic antibacterial activity. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2014, 280, 32-38.	3.9	169
2	Visible light photo-induced antibacterial activity of TiO ₂ -MWCNTs nanocomposites with varying the contents of MWCNTs. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 328, 50-58.	3.9	62
3	In situ sol-gel synthesis of anatase TiO ₂ -MWCNTs nanocomposites and their photocatalytic applications. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 333, 40-48.	3.9	53
4	Ag Nanoparticles Connected to the Surface of TiO ₂ Electrostatically for Antibacterial Photoinactivation Studies. <i>Photochemistry and Photobiology</i> , 2018, 94, 1249-1262.	2.5	39
5	A simple strategy for the anchoring of anatase titania on multi-walled carbon nanotubes for solar energy harvesting. <i>Solar Energy</i> , 2017, 149, 188-194.	6.1	35
6	Photocatalytic oxidation for removal of gases toluene by TiO ₂ -CeO ₂ nanocomposites under UV light irradiation. <i>Materials Science in Semiconductor Processing</i> , 2019, 94, 70-79.	4.0	31
7	Photoinactivation of bacteria by using Fe-doped TiO ₂ -MWCNTs nanocomposites. <i>Journal of Materials Science: Materials in Medicine</i> , 2016, 27, 177.	3.6	23
8	Boron-Doped TiO ₂ -CNT Nanocomposites with Improved Photocatalytic Efficiency toward Photodegradation of Toluene Gas and Photo-Inactivation of Escherichia coli. <i>Catalysts</i> , 2020, 10, 632.	3.5	21
9	Boron-doped TiO ₂ @CNTs nanocomposites for photocatalytic application. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 16660-16672.	2.2	18
10	Compositional Dependent Physicochemical and Photovoltaic Properties of the (TiO ₂) _{1-x} (RGO) _x Nanocomposites for Sensitized Solar Cells Using Ru(II) Dyes. <i>ChemistrySelect</i> , 2019, 4, 1055-1068.	1.5	10
11	Photocatalytic properties of TiO ₂ -SiO ₂ -coated concrete on toluene gas. <i>Materials Research Express</i> , 2018, 5, 125006.	1.6	8