

# Shobhit Charan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11972997/publications.pdf>

Version: 2024-02-01

11  
papers

1,116  
citations

840776

11  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

1751  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of Ag/PVA nanocomposite by chemical reduction method. <i>Materials Chemistry and Physics</i> , 2005, 93, 117-121.	4.0	352
2	Synthesis of Ag/polyaniline nanocomposite via an in situ photo-redox mechanism. <i>Materials Chemistry and Physics</i> , 2005, 92, 214-219.	4.0	214
3	Improving the Light Trapping Efficiency of Plasmonic Polymer Solar Cells through Photon Management. <i>Journal of Physical Chemistry C</i> , 2012, 116, 20731-20737.	3.1	122
4	Synthesis of nano-particles of anatase-TiO <sub>2</sub> and preparation of its optically transparent film in PVA. <i>Materials Letters</i> , 2007, 61, 4725-4730.	2.6	118
5	Water based simple synthesis of re-dispersible silver nano-particles. <i>Materials Letters</i> , 2007, 61, 3366-3370.	2.6	98
6	Development of Chitosan Oligosaccharide-Modified Gold Nanorods for in Vivo Targeted Delivery and Noninvasive Imaging by NIR Irradiation. <i>Bioconjugate Chemistry</i> , 2012, 23, 2173-2182.	3.6	65
7	Unusual formation of nano-particles of CdO and Cd(OH) <sub>2</sub> from the reaction of dimethyl cadmium with DMF. <i>Materials Letters</i> , 2006, 60, 3492-3498.	2.6	51
8	The processing of CdSe/Polymer nanocomposites via solution organometallic chemistry. <i>Materials Chemistry and Physics</i> , 2006, 97, 288-294.	4.0	37
9	Development of Lipid Targeting Raman Probes for In Vivo Imaging of <i>Caenorhabditis elegans</i> . <i>Chemistry - A European Journal</i> , 2011, 17, 5165-5170.	3.3	29
10	Direct Synthesis of Nanocrystalline Silver from the Reaction Between Silver Carboxylates and <i>n</i> -Trioctylphosphine. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 2095-2102.	0.9	16
11	Synthesis of surface enhanced Raman scattering active magnetic nanoparticles for cell labeling and sorting. <i>Journal of Applied Physics</i> , 2009, 105, 07B310.	2.5	14