

# Dattatray S Wavhal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9018789/publications.pdf>

Version: 2024-02-01

10  
papers

1,210  
citations

1162889

8  
h-index

1372474

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

1546  
citing authors

#	ARTICLE	IF	CITATIONS
1	Composites of Plasma Surface Functionalized Barium Titanate Nanoparticles Covalently Attached to Epoxide Matrices: Synthesis and Evaluation. <i>ACS Applied Materials &amp; Interfaces</i> , 2010, 2, 397-407.	4.0	21
2	Synthesis of Electrically Conducting Tin Films by Low-Temperature, Plasma-Enhanced CVD. <i>Chemistry of Materials</i> , 2009, 21, 4442-4447.	3.2	2
3	Surface chemistry influences cancer killing effect of TiO <sub>2</sub> nanoparticles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2008, 4, 226-236.	1.7	203
4	Investigation of Gas Phase Species and Deposition of SiO <sub>2</sub> Films from HMDSO/O <sub>2</sub> Plasmas. <i>Plasma Processes and Polymers</i> , 2006, 3, 276-287.	1.6	96
5	Modification of polysulfone ultrafiltration membranes by CO <sub>2</sub> plasma treatment. <i>Desalination</i> , 2005, 172, 189-205.	4.0	149
6	Mechanisms of SiO <sub>2</sub> film deposition from tetramethylcyclotetrasiloxane, dimethyldimethoxysilane, and trimethylsilane plasmas. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2004, 22, 201-213.	0.9	29
7	Membrane Surface Modification by Plasma-Induced Polymerization of Acrylamide for Improved Surface Properties and Reduced Protein Fouling. <i>Langmuir</i> , 2003, 19, 79-85.	1.6	296
8	Hydrophilic Surface Modification of Microporous Polymer Membranes Using A Variety of Low-Temperature Plasma Treatments. <i>Materials Research Society Symposia Proceedings</i> , 2002, 752, 1.	0.1	3
9	Hydrophilic modification of polyethersulfone membranes by low temperature plasma-induced graft polymerization. <i>Journal of Membrane Science</i> , 2002, 209, 255-269.	4.1	368
10	Modification of porous poly(ether sulfone) membranes by low-temperature CO <sub>2</sub> -plasma treatment. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2002, 40, 2473-2488.	2.4	43