

# 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

1163117

8  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

1546  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrophilic modification of polyethersulfone membranes by low temperature plasma-induced graft polymerization. Journal of Membrane Science, 2002, 209, 255-269.	8.2	368
2	Membrane Surface Modification by Plasma-Induced Polymerization of Acrylamide for Improved Surface Properties and Reduced Protein Fouling. Langmuir, 2003, 19, 79-85.	3.5	296
3	Surface chemistry influences cancer killing effect of TiO <sub>2</sub> nanoparticles. Nanomedicine: Nanotechnology, Biology, and Medicine, 2008, 4, 226-236.	3.3	203
4	Modification of polysulfone ultrafiltration membranes by CO <sub>2</sub> plasma treatment. Desalination, 2005, 172, 189-205.	8.2	149
5	Investigation of Gas Phase Species and Deposition of SiO <sub>2</sub> Films from HMDSO/O <sub>2</sub> Plasmas. Plasma Processes and Polymers, 2006, 3, 276-287.	3.0	96
6	Modification of porous poly(ether sulfone) membranes by low-temperature CO <sub>2</sub> -plasma treatment. Journal of Polymer Science, Part B: Polymer Physics, 2002, 40, 2473-2488.	2.1	43
7	Mechanisms of SiO <sub>2</sub> film deposition from tetramethylcyclotetrasiloxane, dimethyldimethoxysilane, and trimethylsilane plasmas. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2004, 22, 201-213.	2.1	29
8	Composites of Plasma Surface Functionalized Barium Titanate Nanoparticles Covalently Attached to Epoxide Matrices: Synthesis and Evaluation. ACS Applied Materials & Interfaces, 2010, 2, 397-407.	8.0	21
9	Hydrophilic Surface Modification of Microporous Polymer Membranes Using A Variety of Low-Temperature Plasma Treatments. Materials Research Society Symposia Proceedings, 2002, 752, 1.	0.1	3
10	Synthesis of Electrically Conducting Tin Films by Low-Temperature, Plasma-Enhanced CVD. Chemistry of Materials, 2009, 21, 4442-4447.	6.7	2