

# Manish Dubey

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10590819/publications.pdf>

Version: 2024-02-01

24  
papers

1,317  
citations

394421

19  
h-index

580821

25  
g-index

25  
all docs

25  
docs citations

25  
times ranked

2190  
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation of Self-Assembled Monolayers of Alkylphosphonic Acid on the Native Oxide Surface of SS316L. <i>Langmuir</i> , 2006, 22, 6469-6472.	3.5	166
2	Monolayer vs. multilayer self-assembled alkylphosphonate films: X-ray photoelectron spectroscopy studies. <i>Surface Science</i> , 2006, 600, 773-781.	1.9	163
3	Interaction of Tau Protein with Model Lipid Membranes Induces Tau Structural Compaction and Membrane Disruption. <i>Biochemistry</i> , 2012, 51, 2539-2550.	2.5	122
4	Organophosphonate-Based PNA-Functionalization of Silicon Nanowires for Label-Free DNA Detection. <i>ACS Nano</i> , 2008, 2, 1653-1660.	14.6	104
5	Structure and Order of Phosphonic Acid-Based Self-Assembled Monolayers on Si(100). <i>Langmuir</i> , 2010, 26, 14747-14754.	3.5	100
6	Simultaneous Modification of Bottom Contact Electrode and Dielectric Surfaces for Organic Thin-Film Transistors Through Single-Component Spin-Cast Monolayers. <i>Advanced Functional Materials</i> , 2011, 21, 1476-1488.	14.9	76
7	Immobilized Antibody Orientation Analysis Using Secondary Ion Mass Spectrometry and Fluorescence Imaging of Affinity-Generated Patterns. <i>Analytical Chemistry</i> , 2010, 82, 2947-2958.	6.5	75
8	Characterization of Self-Assembled Organic Films Using Differential Charging in X-ray Photoelectron Spectroscopy. <i>Langmuir</i> , 2006, 22, 4649-4653.	3.5	56
9	Imaging Surface Immobilization Chemistry: Correlation with Cell Patterning on Non-Adhesive Hydrogel Thin Films. <i>Advanced Functional Materials</i> , 2008, 18, 2079-2088.	14.9	52
10	An Organophosphonate Strategy for Functionalizing Silicon Photonic Biosensors. <i>Langmuir</i> , 2012, 28, 3338-3344.	3.5	50
11	Affinity-Based Protein Surface Pattern Formation by Ligand Self-Selection from Mixed Protein Solutions. <i>Advanced Functional Materials</i> , 2009, 19, 3046-3055.	14.9	49
12	Neutron Reflectometry and QCM-D Study of the Interaction of Cellulases with Films of Amorphous Cellulose. <i>Biomacromolecules</i> , 2011, 12, 2216-2224.	5.4	43
13	Highly Sensitive Nitric Oxide Detection Using X-ray Photoelectron Spectroscopy. <i>Journal of the American Chemical Society</i> , 2007, 129, 6980-6981.	13.7	38
14	Surface analysis of photolithographic patterns using ToF-SIMS and PCA. <i>Surface and Interface Analysis</i> , 2009, 41, 645-652.	1.8	36
15	In-Plane Correlations in a Polymer-Supported Lipid Membrane Measured by Off-Specular Neutron Scattering. <i>Physical Review Letters</i> , 2011, 106, 138101.	7.8	36
16	Interactions of Endoglucanases with Amorphous Cellulose Films Resolved by Neutron Reflectometry and Quartz Crystal Microbalance with Dissipation Monitoring. <i>Langmuir</i> , 2012, 28, 8348-8358.	3.5	29
17	Comparison of Bi <sup>1</sup> , Bi <sup>3</sup> and C <sup>60</sup> primary ion sources for ToF-SIMS imaging of patterned protein samples. <i>Surface and Interface Analysis</i> , 2011, 43, 261-264.	1.8	25
18	Investigating phosphonate monolayer stability on ALD oxide surfaces. <i>Applied Surface Science</i> , 2014, 288, 98-108.	6.1	22

#	ARTICLE	IF	CITATIONS
19	Effects of $\beta$ -Cyclodextrin on the Structure of Sphingomyelin/Cholesterol Model Membranes. Biophysical Journal, 2010, 99, 1475-1481.	0.5	21
20	Polyelectrolyte multilayers as a platform for pH-responsive lipid bilayers. Soft Matter, 2013, 9, 8938.	2.7	17
21	Imaging Analysis of Carbohydrate-Modified Surfaces Using ToF-SIMS and SPRI. Materials, 2010, 3, 3948-3964.	2.9	16
22	Influence of Lipid Membrane Rigidity on Properties of Supporting Polymer. Biophysical Journal, 2011, 101, 128-133.	0.5	10
23	Differential charging in X-ray photoelectron spectroscopy for characterizing organic thin films. Journal of Electron Spectroscopy and Related Phenomena, 2010, 176, 18-23.	1.7	5
24	Investigations of surrogate cellular membranes using neutron reflectometry. Acta Crystallographica Section D: Biological Crystallography, 2010, 66, 1237-1243.	2.5	5