

Manish Dubey

List of Publications by Year in descending order

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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	Investigating phosphonate monolayer stability on ALD oxide surfaces. Applied Surface Science, 2014, 288, 98-108.	6.1	22
2	Polyelectrolyte multilayers as a platform for pH-responsive lipid bilayers. Soft Matter, 2013, 9, 8938.	2.7	17
3	Interaction of Tau Protein with Model Lipid Membranes Induces Tau Structural Compaction and Membrane Disruption. Biochemistry, 2012, 51, 2539-2550.	2.5	122
4	An Organophosphonate Strategy for Functionalizing Silicon Photonic Biosensors. Langmuir, 2012, 28, 3338-3344.	3.5	50
5	Interactions of Endoglucanases with Amorphous Cellulose Films Resolved by Neutron Reflectometry and Quartz Crystal Microbalance with Dissipation Monitoring. Langmuir, 2012, 28, 8348-8358.	3.5	29
6	Neutron Reflectometry and QCM-D Study of the Interaction of Cellulases with Films of Amorphous Cellulose. Biomacromolecules, 2011, 12, 2216-2224.	5.4	43
7	Influence of Lipid Membrane Rigidity on Properties of Supporting Polymer. Biophysical Journal, 2011, 101, 128-133.	0.5	10
8	In-Plane Correlations in a Polymer-Supported Lipid Membrane Measured by Off-Specular Neutron Scattering. Physical Review Letters, 2011, 106, 138101.	7.8	36
9	Comparison of Bi ₁ ⁺ , Bi ₃ ⁺ and C ₆₀ ⁺ primary ion sources for ToF-SIMS imaging of patterned protein samples. Surface and Interface Analysis, 2011, 43, 261-264.	1.8	25
10	Simultaneous Modification of Bottom-Contact Electrode and Dielectric Surfaces for Organic Thin-Film Transistors Through Single-Component Spin-Cast Monolayers. Advanced Functional Materials, 2011, 21, 1476-1488.	14.9	76
11	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
12	Investigations of surrogate cellular membranes using neutron reflectometry. Acta Crystallographica Section D: Biological Crystallography, 2010, 66, 1237-1243.	2.5	5
13	Imaging Analysis of Carbohydrate-Modified Surfaces Using ToF-SIMS and SPRi. Materials, 2010, 3, 3948-3964.	2.9	16
14	Effects of β -Cyclodextrin on the Structure of Sphingomyelin/Cholesterol Model Membranes. Biophysical Journal, 2010, 99, 1475-1481.	0.5	21
15	Immobilized Antibody Orientation Analysis Using Secondary Ion Mass Spectrometry and Fluorescence Imaging of Affinity-Generated Patterns. Analytical Chemistry, 2010, 82, 2947-2958.	6.5	75
16	Structure and Order of Phosphonic Acid-Based Self-Assembled Monolayers on Si(100). Langmuir, 2010, 26, 14747-14754.	3.5	100
17	Affinity-Based Protein Surface Pattern Formation by Ligand Self-Selection from Mixed Protein Solutions. Advanced Functional Materials, 2009, 19, 3046-3055.	14.9	49
18	Surface analysis of photolithographic patterns using ToF-SIMS and PCA. Surface and Interface Analysis, 2009, 41, 645-652.	1.8	36

#	ARTICLE	IF	CITATIONS
19	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
20	Organophosphonate-Based PNA-Functionalization of Silicon Nanowires for Label-Free DNA Detection. <i>ACS Nano</i> , 2008, 2, 1653-1660.	14.6	104
21	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
22	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
23	Characterization of Self-Assembled Organic Films Using Differential Charging in X-ray Photoelectron Spectroscopy. <i>Langmuir</i> , 2006, 22, 4649-4653.	3.5	56
24	Monolayer vs. multilayer self-assembled alkylphosphonate films: X-ray photoelectron spectroscopy studies. <i>Surface Science</i> , 2006, 600, 773-781.	1.9	163