

Punit Kohli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8704904/publications.pdf>

Version: 2024-02-01

39
papers

2,848
citations

361413
20
h-index

315739
38
g-index

39
all docs

39
docs citations

39
times ranked

3985
citing authors

#	ARTICLE	IF	CITATIONS
1	Device fabrication on curvilinear two-dimensional surfaces using polymer probes. <i>Polymer</i> , 2021, 218, 123521.	3.8	1
2	Encapsulation of Plant Growth-Promoting Bacterial Crude Extract in Nanoliposome and Its Antifungal Property Against <i>Fusarium oxysporum</i> . <i>ACS Agricultural Science and Technology</i> , 2021, 1, 691-701.	2.3	5
3	Chemically Engineered Synthetic Lipid Vesicles for Sensing and Visualization of Protein-Bilayer Interactions. <i>Bioconjugate Chemistry</i> , 2019, 30, 2136-2149.	3.6	5
4	Electrochemical Erasing Using a Polymer Lithography Editor for the Fabrication of Photoactive Devices. <i>ACS Applied Electronic Materials</i> , 2019, 1, 752-763.	4.3	2
5	Freestanding 3D Mesostructures, Functional Devices, and Shape-Programmable Systems Based on Mechanically Induced Assembly with Shape Memory Polymers. <i>Advanced Materials</i> , 2019, 31, e1805615.	21.0	105
6	Probing Liquid-Solid and Vapor-Liquid-Solid Interfaces of Hierarchical Surfaces Using High-Resolution Microscopy. <i>Langmuir</i> , 2018, 34, 3720-3730.	3.5	5
7	Large area ultra-thin graphene films for functional photovoltaic devices. <i>Journal of Materials Research</i> , 2018, 33, 2306-2317.	2.6	3
8	Antimicrobial efficacy of liposomes containing d-limonene and its effect on the storage life of blueberries. <i>Postharvest Biology and Technology</i> , 2017, 128, 130-137.	6.0	92
9	Polymeric lithography editor: Editing lithographic errors with nanoporous polymeric probes. <i>Science Advances</i> , 2017, 3, e1602071.	10.3	7
10	Immunogenicity of antigen-conjugated biodegradable polydiacetylene liposomes administered mucosally. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 557-565.	4.0	5
11	Calligraphic solar cells: acknowledging paper and pencil. <i>Journal of Materials Research</i> , 2016, 31, 2578-2589.	2.6	19
12	Vapor-enhanced covalently bound ultra-thin films on oxidized surfaces for enhanced resolution imaging. <i>Journal of Materials Chemistry C</i> , 2016, 4, 8634-8647.	5.5	12
13	Wax patterned microwells for stem cell fate study. <i>RSC Advances</i> , 2016, 6, 104919-104924.	3.6	12
14	Polydiacetylene Nanovesicles as Carriers of Natural Phenylpropanoids for Creating Antimicrobial Food-Contact Surfaces. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 2557-2565.	5.2	39
15	Fabrication and characterization of non-linear parabolic microporous membranes. <i>Journal of Membrane Science</i> , 2015, 473, 28-35.	8.2	4
16	Nanoencapsulation and immobilization of cinnamaldehyde for developing antimicrobial food packaging material. <i>LWT - Food Science and Technology</i> , 2014, 57, 470-476.	5.2	98
17	Investigating Ligand-Receptor Interactions at Bilayer Surface Using Electronic Absorption Spectroscopy and Fluorescence Resonance Energy Transfer. <i>Langmuir</i> , 2012, 28, 12989-12998.	3.5	32
18	Real-time Monitoring of Ligand-receptor Interactions with Fluorescence Resonance Energy Transfer. <i>Journal of Visualized Experiments</i> , 2012, , e3805.	0.3	5

#	ARTICLE	IF	CITATIONS
19	Modulating molecular and nanoparticle transport in flexible polydimethylsiloxane membranes. <i>Journal of Membrane Science</i> , 2012, 401-402, 25-32.	8.2	17
20	Investigating Photoinduced Charge Transfer in Carbon Nanotube/Perylene/Quantum Dot Hybrid Nanocomposites. <i>ACS Nano</i> , 2010, 4, 6883-6893.	14.6	55
21	Investigating Molecular Interactions in Biosensors Based on Fluorescence Resonance Energy Transfer. <i>Journal of Physical Chemistry C</i> , 2010, 114, 6255-6264.	3.1	20
22	Photo-Pens: A Simple and Versatile Tool for Maskless Photolithography. <i>Langmuir</i> , 2010, 26, 17726-17732.	3.5	10
23	Synthesis and characterization of quantum dot/polymer composites. <i>Journal of Materials Chemistry</i> , 2009, 19, 3198.	6.7	49
24	Two dimensional anisotropic etching in tracked glass. <i>Journal of Materials Chemistry</i> , 2009, 19, 8142.	6.7	10
25	Adaptive Mo2N/MoS2/Ag Tribological Nanocomposite Coatings for Aerospace Applications. <i>Tribology Letters</i> , 2008, 29, 95-103.	2.6	148
26	Fluorescence Resonance Energy Transfer in Polydiacetylene Liposomes. <i>Journal of Physical Chemistry B</i> , 2008, 112, 13263-13272.	2.6	30
27	Synthesis and Characterization of Polydiacetylene Films and Nanotubes. <i>Langmuir</i> , 2008, 24, 11947-11954.	3.5	15
28	Electric field-induced direct delivery of proteins by a nanofountain probe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 16438-16443.	7.1	50
29	Synthesis and Characterization of Nonlinear Nanopores in Alumina Films. <i>Chemistry of Materials</i> , 2007, 19, 1954-1963.	6.7	26
30	Modulating Fluorescence Resonance Energy Transfer in Conjugated Liposomes. <i>Langmuir</i> , 2006, 22, 8615-8617.	3.5	45
31	Smart Nanotubes for Biotechnology. <i>Current Pharmaceutical Biotechnology</i> , 2005, 6, 35-47.	1.6	63
32	Protein Biosensors Based on Biofunctionalized Conical Gold Nanotubes. <i>Journal of the American Chemical Society</i> , 2005, 127, 5000-5001.	13.7	491
33	Template Synthesis of Gold Nanotubes in an Anodic Alumina Membrane. <i>Journal of Nanoscience and Nanotechnology</i> , 2004, 4, 605-610.	0.9	54
34	Nanotube Membrane Based Biosensors. <i>Electroanalysis</i> , 2004, 16, 9-18.	2.9	109
35	DNA-Functionalized Nanotube Membranes with Single-Base Mismatch Selectivity. <i>Science</i> , 2004, 305, 984-986.	12.6	309
36	Layer-by-Layer Nanotube Template Synthesis. <i>Journal of the American Chemical Society</i> , 2004, 126, 5674-5675.	13.7	144

#	ARTICLE	IF	CITATIONS
37	The emerging field of nanotube biotechnology. Nature Reviews Drug Discovery, 2003, 2, 29-37.	46.4	733
38	Smart nanotubes for biomedical and biotechnological applications. Drug News and Perspectives, 2003, 16, 566.	1.5	17
39	An Inquiry-Based Introduction to Atomic Force Microscopy Techniques through Optical Storage Disc Surface Imaging. Journal of Chemical Education, 0, , .	2.3	2