

Noemi Rozlosnik

List of Publications by Year in descending order

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26
papers

1,021
citations

623734

14
h-index

642732

23
g-index

26
all docs

26
docs citations

26
times ranked

1796
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Solvents and Concentration on the Formation of a Self-Assembled Monolayer of Octadecylsiloxane on Silicon (001). <i>Langmuir</i> , 2003, 19, 1182-1188.	3.5	134
2	Detection of cancer cells using a peptidnanotubeâ€“folic acid modified graphene electrode. <i>Analyst</i> , The, 2013, 138, 1026-1031.	3.5	130
3	New directions in medical biosensors employing poly(3,4-ethylenedioxy thiophene) derivative-based electrodes. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 637-645.	3.7	109
4	Comparative study on aptamers as recognition elements for antibiotics in a label-free all-polymer biosensor. <i>Biosensors and Bioelectronics</i> , 2013, 43, 315-320.	10.1	93
5	Continuous Plasma Treatment of Ultraâ€“Highâ€“Molecularâ€“Weight Polyethylene (UHMWPE) Fibres for Adhesion Improvement. <i>Plasma Processes and Polymers</i> , 2009, 6, S375.	3.0	79
6	Ultrathin, Ultrasoother Gold Layer on Dielectrics without the Use of Additional Metallic Adhesion Layers. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 5797-5802.	8.0	69
7	High sensitivity point-of-care device for direct virus diagnostics. <i>Biosensors and Bioelectronics</i> , 2013, 49, 374-379.	10.1	68
8	Formation of Crystalline Ring Patterns on Extremely Hydrophobic Supersmooth Substrates: Extension of Ring Formation Paradigms. <i>Crystal Growth and Design</i> , 2005, 5, 551-557.	3.0	58
9	Non-covalent conjugates of single-walled carbon nanotubes and folic acid for interaction with cells over-expressing folate receptors. <i>Journal of Materials Chemistry B</i> , 2013, 1, 1475.	5.8	45
10	Synthesis, Properties, and Langmuirâ€“Blodgett Film Studies of an Ionic Dye Terminated Rigid Conducting Oligomer. <i>Langmuir</i> , 2003, 19, 7873-7880.	3.5	36
11	Polymer based biosensor for rapid electrochemical detection of virus infection of human cells. <i>Biosensors and Bioelectronics</i> , 2011, 28, 386-392.	10.1	31
12	Cell-Based Biosensors: Electrical Sensing in Microfluidic Devices. <i>Diagnostics</i> , 2012, 2, 83-96.	2.6	27
13	Plasma Surface Modification of Glass-Fibre-Reinforced Polyester Enhanced by Ultrasonic Irradiation. <i>Journal of Adhesion Science and Technology</i> , 2010, 24, 1831-1839.	2.6	23
14	Modification of Glassy Carbon Surfaces by Atmospheric Pressure Cold Plasma Torch. <i>Japanese Journal of Applied Physics</i> , 2006, 45, 8506-8511.	1.5	20
15	Performance Improvement by Layout Designs of Conductive Polymer Microelectrode Based Impedimetric Biosensors. <i>Electroanalysis</i> , 2014, 26, 1400-1408.	2.9	14
16	Synthesis and characterization of covalent diphenylalanine nanotube-folic acid conjugates. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	14
17	Microfluidic device to study cell transmigration under physiological shear stress conditions. <i>Biomedical Microdevices</i> , 2011, 13, 899-907.	2.8	12
18	Fabrication and characterization of PEDOT nanowires based on self-assembled peptide nanotube lithography. <i>Organic Electronics</i> , 2013, 14, 1370-1375.	2.6	12

#	ARTICLE	IF	CITATIONS
19	Computational and experimental studies of the interaction between single-walled carbon nanotubes and folic acid. <i>Chemical Physics Letters</i> , 2013, 564, 60-64.	2.6	12
20	Investigation of the interaction between modified ISCOMs and stratum corneum lipid model systems. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010, 1798, 1779-1789.	2.6	11
21	Rapid and specific detection of cell-derived microvesicles using a magnetoresistive biochip. <i>Analyst</i> , 2017, 142, 979-986.	3.5	10
22	Screen-Printed All-Polymer Aptasensor for Impedance Based Detection of Influenza A Virus. <i>Methods in Molecular Biology</i> , 2017, 1572, 55-70.	0.9	10
23	Generation and Characterization of Cell-Derived Microvesicles from HUVECs. <i>BioNanoScience</i> , 2018, 8, 140-153.	3.5	2
24	Polymer Based Biosensors for Medical Applications. , 2015, , 513-537.		1
25	Ultra-thin metal and dielectric layers for nanophotonic applications. , 2015, , .		1
26	Light harvesting and energy transfer in large multidomain molecules. , 2005, , .		0