

Tomas Rakickas

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

329
citations

1040056

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1125743

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16
all docs

16
docs citations

16
times ranked

513
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional fabrication of recombinant human collagenâ€“phosphorylcholine hydrogels for regenerative medicine applications. <i>Acta Biomaterialia</i> , 2015, 12, 70-80.	8.3	88
2	Patterning of indiumâ€“tin oxide on glass with picosecond lasers. <i>Applied Surface Science</i> , 2007, 253, 6570-6574.	6.1	78
3	Proteinâ€“Protein Interactions in Reversibly Assembled Nanopatterns. <i>Nano Letters</i> , 2008, 8, 3369-3375.	9.1	34
4	Electropolymerisation of the natural monomer riboflavin and its characterisation. <i>Electrochimica Acta</i> , 2016, 222, 1818-1830.	5.2	20
5	Lipid dip-pen nanolithography on self-assembled monolayers. <i>Journal of Micromechanics and Microengineering</i> , 2016, 26, 025016.	2.6	19
6	Fixed DNA Molecule Arrays for High-Throughput Single DNAâ€“Protein Interaction Studies. <i>Langmuir</i> , 2019, 35, 5921-5930.	3.5	16
7	Results of a round-robin experiment in multiple-pulse LIDT measurement with ultrashort pulses. , 2004, , .		15
8	Photografting and Patterning of Poly(ethylene glycol) Methacrylate Hydrogel on Glass for Biochip Applications. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 32233-32246.	8.0	15
9	Functional Hydrogel Density Patterns Fabricated by Dipâ€“Pen Nanolithography and Photografting. <i>Small</i> , 2011, 7, 2153-2157.	10.0	13
10	Scanning Probe-Directed Assembly and Rapid Chemical Writing Using Nanoscopic Flow of Phospholipids. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 28449-28460.	8.0	11
11	Oriented Soft DNA Curtains for Single-Molecule Imaging. <i>Langmuir</i> , 2021, 37, 3428-3437.	3.5	8
12	Application of Polyfolates in the Development of Electrochemical Glucose Biosensors. <i>Electroanalysis</i> , 2014, 26, 2273-2282.	2.9	5
13	Cup-Shaped Nanoantenna Arrays for Zeptoliter Volume Biochemistry and Plasmonic Sensing in the Visible Wavelength Range. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 19082-19091.	8.0	4
14	Meso-scale surface patterning of self-assembled monolayers with water. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 628, 127353.	4.7	2
15	Effect of deposition method and substrate surface quality on laser-induced damage threshold for repetitive 13-ns and 130-fs pulses. , 2005, , .		1