

Siegfried Steltenkamp

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

320
citations

1040056

9
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

444
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>1/4</i> -biomimetic flow-sensorsâ€”introducing light-guiding PDMS structures into MEMS. <i>Bioinspiration and Biomimetics</i> , 2015, 10, 036001.	2.9	30
2	Another Phase Plate in the Zoo: Reducing Charging and Optimizing the Design of Electrostatic Phase Plates. <i>Microscopy and Microanalysis</i> , 2015, 21, 1941-1942.	0.4	1
3	The development of a <i>1/4</i> -biomimetic uncooled IR-Sensor inspired by the infrared receptors of <i>Melanophila acuminata</i> . <i>Bioinspiration and Biomimetics</i> , 2015, 10, 026007.	2.9	5
4	Micro-Machined Flow Sensors Mimicking Lateral Line Canal Neuromasts. <i>Micromachines</i> , 2015, 6, 1189-1212.	2.9	32
5	Towards an optimum design for electrostatic phase plates. <i>Ultramicroscopy</i> , 2015, 153, 22-31.	1.9	14
6	Cytoskeleton remodelling of confluent epithelial cells cultured on porous substrates. <i>Journal of the Royal Society Interface</i> , 2015, 12, 20141057.	3.4	23
7	In situ generation of electrochemical gradients across pore-spanning membranes. <i>RSC Advances</i> , 2013, 3, 15752.	3.6	13
8	Practical aspects of Boersch phase contrast electron microscopy of biological specimens. <i>Ultramicroscopy</i> , 2012, 116, 62-72.	1.9	14
9	Elasticity Mapping of Poreâ€”Suspending Native Cell Membranes. <i>Small</i> , 2009, 5, 832-838.	10.0	25
10	Mechanical Properties of Pore-Spanning Lipid Bilayers Probed by Atomic Force Microscopy. <i>Biophysical Journal</i> , 2006, 91, 217-226.	0.5	116
11	Membrane Stiffness of Animal Cells Challenged by Osmotic Stress. <i>Small</i> , 2006, 2, 1016-1020.	10.0	47