

Jong-Ho Park

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

293
citations

1163117

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1125743

13
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16
all docs

16
docs citations

16
times ranked

451
citing authors

#	ARTICLE	IF	CITATIONS
1	Live-Cell Imaging and Optical Manipulation of Arabidopsis Early Embryogenesis. <i>Developmental Cell</i> , 2015, 34, 242-251.	7.0	132
2	Fabrication of metallic microstructure on curved substrate by optical soft lithography and copper electroplating. <i>Sensors and Actuators A: Physical</i> , 2011, 168, 105-111.	4.1	31
3	Separation of viable and nonviable mammalian cells using a deterministic lateral displacement microfluidic device. <i>Biomicrofluidics</i> , 2016, 10, .	2.4	29
4	Optimization of the fused deposition modeling-based fabrication process for polylactic acid microneedles. <i>Microsystems and Nanoengineering</i> , 2021, 7, 58.	7.0	22
5	Fabrication of aluminum/alumina patterns using localized anodization of aluminum. <i>International Journal of Precision Engineering and Manufacturing</i> , 2012, 13, 765-770.	2.2	15
6	Fabrication of microcage arrays to fix plant ovules for long-term live imaging and observation. <i>Sensors and Actuators B: Chemical</i> , 2014, 191, 178-185.	7.8	15
7	Kojyl cinnamate ester derivatives promote adiponectin production during adipogenesis in human adipose tissue-derived mesenchymal stem cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 2141-2145.	2.2	13
8	3D micro patterning on a concave substrate for creating the replica of a cylindrical PDMS stamp. <i>Microelectronic Engineering</i> , 2012, 98, 540-543.	2.4	11
9	Localised light delivery on melanoma cells using optical microneedles. <i>Biomedical Optics Express</i> , 2022, 13, 1045.	2.9	8
10	Sequential Cell-Processing System by Integrating Hydrodynamic Purification and Dielectrophoretic Trapping for Analyses of Suspended Cancer Cells. <i>Micromachines</i> , 2020, 11, 47.	2.9	4
11	Direct Force Measurement of the Interaction Between Liposome and the C2A Domain of Synaptotagmin I using Atomic Force Microscopy. <i>Biotechnology Letters</i> , 2006, 28, 505-509.	2.2	3
12	Localized porous silicon structures obtained by using shadow mask-assisted patternable illumination. <i>Microelectronic Engineering</i> , 2018, 200, 32-38.	2.4	3
13	An electroactive microwell array device to realize simultaneous trapping of single cancer cells and clusters. <i>Lab on A Chip</i> , 0, , .	6.0	3
14	Fabrication of PDMS Nano-Stamp by Replicating Si Nano-Moulds Fabricated by Interference Lithography. <i>Key Engineering Materials</i> , 0, 516, 25-29.	0.4	2
15	Manipulation of Phospholiposome in Microfluidic Channel Using Lorentz Force. , 2007, , .		1
16	Fabrication of 3D Micro Structures on Nonplanar Substrates and Its Applications for Roll Micro contact Printing. <i>Materials Research Society Symposia Proceedings</i> , 2012, 1436, 34.	0.1	1