

CO₂ and compressive immobilization of C.

Lab on A Chip

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The future of quark matter at RHIC. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2007, 34, S543-S550.	1.4	4
2	A programmable microvalve-based microfluidic array for characterization of neurotoxin-induced responses of individual <i>C. elegans</i> . <i>Biomicrofluidics</i> , 2009, 3, 44114.	1.2	48
3	Effects of Thickness Deviation of Elastic Plates in Multi-Layered Resonance Systems on Frequency Spectra. <i>Chinese Physics Letters</i> , 2009, 26, 084301.	1.3	2
4	Microfluidics for the analysis of behavior, nerve regeneration, and neural cell biology in <i>C. elegans</i> . <i>Current Opinion in Neurobiology</i> , 2009, 19, 561-567.	2.0	114
5	Automated high-throughput cell microsurgery on-chip. <i>Lab on A Chip</i> , 2009, 9, 2764.	3.1	69
6	An automated microfluidic platform for calcium imaging of chemosensory neurons in <i>Caenorhabditis elegans</i> . <i>Lab on A Chip</i> , 2010, 10, 2758.	3.1	90
7	Microfluidic immobilization of physiologically active <i>Caenorhabditis elegans</i> . <i>Nature Protocols</i> , 2010, 5, 1888-1902.	5.5	63
8	Effective dynamics using conditional expectations. <i>Nonlinearity</i> , 2010, 23, 2131-2163.	0.6	74
9	THE ARCHITECTURE OF THE CASSINI DIVISION. <i>Astronomical Journal</i> , 2010, 139, 228-251.	1.9	52
10	Behavior of <i>Caenorhabditis elegans</i> in alternating electric field and its application to their localization and control. <i>Applied Physics Letters</i> , 2010, 96, 153702.	1.5	34
11	Latest Developments in Microfluidic Cell Biology and Analysis Systems. <i>Analytical Chemistry</i> , 2010, 82, 4848-4864.	3.2	194
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14	Droplet microfluidics for characterizing the neurotoxin-induced responses in individual <i>Caenorhabditis elegans</i> . <i>Lab on A Chip</i> , 2010, 10, 2855.	3.1	89
15	Long-term high-resolution imaging and culture of <i>C. elegans</i> in chip-gel hybrid microfluidic device for developmental studies. <i>Lab on A Chip</i> , 2010, 10, 1862.	3.1	138
16	Large-scale in vivo femtosecond laser neurosurgery screen reveals small-molecule enhancer of regeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 18342-18347.	3.3	109
17	Worm chips: Microtools for <i>C. elegans</i> biology. <i>Lab on A Chip</i> , 2010, 10, 432-437.	3.1	94
18	Microfluidic Platform for the Study of <i>Caenorhabditis elegans</i> . <i>Topics in Current Chemistry</i> , 2011, 304, 323-338.	4.0	23

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19	Subcellular in vivo time-lapse imaging and optical manipulation of <i>Caenorhabditis elegans</i> in standard multiwell plates. <i>Nature Communications</i> , 2011, 2, 271.	5.8	28
20	Technologies for Micromanipulating, Imaging, and Phenotyping Small Invertebrates and Vertebrates. <i>Annual Review of Biomedical Engineering</i> , 2011, 13, 185-217.	5.7	64
21	Imaging <i>in vivo</i> Neuronal Transport in Genetic Model Organisms Using Microfluidic Devices. <i>Traffic</i> , 2011, 12, 372-385.	1.3	70
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28	Unidirectional, electrotactic-response valve for <i>Caenorhabditis elegans</i> in microfluidic devices. <i>Applied Physics Letters</i> , 2011, 98, .	1.5	13
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41	Microfluidic chip-based <i>C. elegans</i> microinjection system for investigating cell-cell communication in vivo. Biosensors and Bioelectronics, 2013, 50, 28-34.	5.3	44
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68	A size threshold governs <i>Caenorhabditis elegans</i> developmental progression. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20151283.	1.2	47
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