

Abraham P Lee

List of Publications by Year in descending order

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161
papers

12,787
citations

34016

52
h-index

23472

111
g-index

175
all docs

175
docs citations

175
times ranked

12342
citing authors

#	ARTICLE	IF	CITATIONS
1	Droplet microfluidics. Lab on A Chip, 2008, 8, 198.	3.1	2,385
2	Human neural stem cell growth and differentiation in a gradient-generating microfluidic device. Lab on A Chip, 2005, 5, 401.	3.1	501
3	Thin film shape memory alloy microactuators. Journal of Microelectromechanical Systems, 1996, 5, 270-282.	1.7	466
4	Design of microfluidic channel geometries for the control of droplet volume, chemical concentration, and sorting. Lab on A Chip, 2004, 4, 292.	3.1	446
5	Alternating droplet generation and controlled dynamic droplet fusion in microfluidic device for CdS nanoparticle synthesis. Lab on A Chip, 2006, 6, 174.	3.1	362
6	An AC magnetohydrodynamic micropump. Sensors and Actuators B: Chemical, 2000, 63, 178-185.	4.0	361
7	<i>In Vitro</i> Perfused Human Capillary Networks. Tissue Engineering - Part C: Methods, 2013, 19, 730-737.	1.1	337
8	Engineering microscale cellular niches for three-dimensional multicellular co-cultures. Lab on A Chip, 2009, 9, 1740.	3.1	331
9	3D microtumors in vitro supported by perfused vascular networks. Scientific Reports, 2016, 6, 31589.	1.6	301
10	Photothermal properties of shape memory polymer micro-actuators for treating stroke. Lasers in Surgery and Medicine, 2002, 30, 1-11.	1.1	282
11	Monodispersed microfluidic droplet generation by shear focusing microfluidic device. Sensors and Actuators B: Chemical, 2006, 114, 350-356.	4.0	277
12	1-Million droplet array with wide-field fluorescence imaging for digital PCR. Lab on A Chip, 2011, 11, 3838.	3.1	274
13	Dielectrophoresis switching with vertical sidewall electrodes for microfluidic flow cytometry. Lab on A Chip, 2007, 7, 1114.	3.1	258
14	A vascularized and perfused organ-on-a-chip platform for large-scale drug screening applications. Lab on A Chip, 2017, 17, 511-520.	3.1	250
15	Controlled Microfluidic Encapsulation of Cells, Proteins, and Microbeads in Lipid Vesicles. Journal of the American Chemical Society, 2006, 128, 5656-5658.	6.6	249
16	On-chip generation of microbubbles as a practical technology for manufacturing contrast agents for ultrasonic imaging. Lab on A Chip, 2007, 7, 463.	3.1	248
17	Single beam acoustic trapping. Applied Physics Letters, 2009, 95, 73701.	1.5	199
18	Engineering anastomosis between living capillary networks and endothelial cell-lined microfluidic channels. Lab on A Chip, 2016, 16, 282-290.	3.1	197

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19	Unique Dielectric Properties Distinguish Stem Cells and Their Differentiated Progeny. <i>Stem Cells</i> , 2008, 26, 656-665.	1.4	185
20	A microfluidic platform for generating large-scale nearly identical human microphysiological vascularized tissue arrays. <i>Lab on A Chip</i> , 2013, 13, 2990.	3.1	175
21	PLGA micro/nanosphere synthesis by droplet microfluidic solvent evaporation and extraction approaches. <i>Lab on A Chip</i> , 2010, 10, 1820.	3.1	139
22	Droplet coalescence by geometrically mediated flow in microfluidic channels. <i>Microfluidics and Nanofluidics</i> , 2007, 3, 495-499.	1.0	137
23	Dual frequency dielectrophoresis with interdigitated sidewall electrodes for microfluidic flow-through separation of beads and cells. <i>Electrophoresis</i> , 2009, 30, 782-791.	1.3	132
24	Stable, biocompatible lipid vesicle generation by solvent extraction-based droplet microfluidics. <i>Biomicrofluidics</i> , 2011, 5, 44113-4411312.	1.2	127
25	Full range physiological mass transport control in 3D tissue cultures. <i>Lab on A Chip</i> , 2013, 13, 81-89.	3.1	112
26	Microfluidic separation of satellite droplets as the basis of a monodispersed micron and submicron emulsification system. <i>Lab on A Chip</i> , 2005, 5, 1178.	3.1	109
27	Tailoring the Size Distribution of Ultrasound Contrast Agents: Possible Method for Improving Sensitivity in Molecular Imaging. <i>Molecular Imaging</i> , 2007, 6, 7290.2007.00034.	0.7	109
28	Rapid microfabrication of solvent-resistant biocompatible microfluidic devices. <i>Lab on A Chip</i> , 2008, 8, 983.	3.1	102
29	Maintaining Monodispersity in a Microbubble Population Formed by Flow-Focusing. <i>Langmuir</i> , 2008, 24, 1745-1749.	1.6	102
30	A practical microgripper by fine alignment, eutectic bonding and SMA actuation. <i>Sensors and Actuators A: Physical</i> , 1996, 54, 755-759.	2.0	97
31	Cardiac tissue engineering: state-of-the-art methods and outlook. <i>Journal of Biological Engineering</i> , 2019, 13, 57.	2.0	89
32	Lateral cavity acoustic transducer. <i>Lab on A Chip</i> , 2009, 9, 41-43.	3.1	87
33	Mixed-sputter deposition of Ni-Ti-Cu shape memory films. <i>Thin Solid Films</i> , 1996, 274, 101-105.	0.8	86
34	Droplet microfluidics for amplification-free genetic detection of single cells. <i>Lab on A Chip</i> , 2012, 12, 3341.	3.1	81
35	Side-Wall Vertical Electrodes for Lateral Field Microfluidic Applications. <i>Journal of Microelectromechanical Systems</i> , 2007, 16, 454-461.	1.7	78
36	Vertical-actuated electrostatic comb drive with in situ capacitive position correction for application in phase shifting diffraction interferometry. <i>Journal of Microelectromechanical Systems</i> , 2003, 12, 960-971.	1.7	77

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37	Microfluidic sorting of droplets by size. <i>Microfluidics and Nanofluidics</i> , 2008, 4, 343-348.	1.0	76
38	Cavity-induced microstreaming for simultaneous on-chip pumping and size-based separation of cells and particles. <i>Lab on A Chip</i> , 2014, 14, 3860.	3.1	73
39	Fungi Use Efficient Algorithms for the Exploration of Microfluidic Networks. <i>Small</i> , 2006, 2, 1212-1220.	5.2	72
40	Targeted cell immobilization by ultrasound microbeam. <i>Biotechnology and Bioengineering</i> , 2011, 108, 1643-1650.	1.7	71
41	Lateral air cavities for microfluidic pumping with the use of acoustic energy. <i>Microfluidics and Nanofluidics</i> , 2011, 10, 1269-1278.	1.0	70
42	Biophysical Characteristics Reveal Neural Stem Cell Differentiation Potential. <i>PLoS ONE</i> , 2011, 6, e25458.	1.1	69
43	Lateral cavity acoustic transducer as an on-chip cell/particle microfluidic switch. <i>Lab on A Chip</i> , 2012, 12, 139-145.	3.1	69
44	Controllable microfluidic synthesis of multiphase drug-carrying lipospheres for site-targeted therapy. <i>Biotechnology Progress</i> , 2009, 25, 938-945.	1.3	68
45	A truly Lego-like modular microfluidics platform. <i>Journal of Micromechanics and Microengineering</i> , 2017, 27, 035004.	1.5	67
46	Microfluidic flow transducer based on the measurement of electrical admittance. <i>Lab on A Chip</i> , 2004, 4, 7.	3.1	59
47	Transverse Acoustic Trapping Using a Gaussian Focused Ultrasound. <i>Ultrasound in Medicine and Biology</i> , 2010, 36, 350-355.	0.7	58
48	An <i>in vitro</i> vascularized micro-tumor model of human colorectal cancer recapitulates <i>in vivo</i> responses to standard-of-care therapy. <i>Lab on A Chip</i> , 2021, 21, 1333-1351.	3.1	58
49	Tunable 3D droplet self-assembly for ultra-high-density digital micro-reactor arrays. <i>Lab on A Chip</i> , 2011, 11, 2509.	3.1	57
50	Whole-blood sorting, enrichment and <i>in situ</i> immunolabeling of cellular subsets using acoustic microstreaming. <i>Microsystems and Nanoengineering</i> , 2018, 4, .	3.4	57
51	Parallel generation of uniform fine droplets at hundreds of kilohertz in a flow-focusing module. <i>Biomicrofluidics</i> , 2013, 7, 34112.	1.2	55
52	An AC Magnetohydrodynamic Microfluidic Switch for Micro Total Analysis Systems. <i>Biomedical Microdevices</i> , 2003, 5, 55-60.	1.4	53
53	Molecular motors-based micro- and nano-biocomputation devices. <i>Microelectronic Engineering</i> , 2006, 83, 1582-1588.	1.1	53
54	Passive droplet sorting using viscoelastic flow focusing. <i>Lab on A Chip</i> , 2013, 13, 1308.	3.1	53

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55	Rapid and label-free identification of single leukemia cells from blood in a high-density microfluidic trapping array by fluorescence lifetime imaging microscopy. <i>Lab on A Chip</i> , 2018, 18, 1349-1358.	3.1	53
56	Counting single molecules in sub-nanolitre droplets. <i>Lab on A Chip</i> , 2010, 10, 161-164.	3.1	52
57	Rapid label-free DNA analysis in picoliter microfluidic droplets using FRET probes. <i>Microfluidics and Nanofluidics</i> , 2009, 6, 391.	1.0	51
58	Tailoring the size distribution of ultrasound contrast agents: possible method for improving sensitivity in molecular imaging. <i>Molecular Imaging</i> , 2007, 6, 384-92.	0.7	51
59	Flow-focusing regimes for accelerated production of monodisperse drug-loadable microbubbles toward clinical-scale applications. <i>Lab on A Chip</i> , 2013, 13, 4816.	3.1	48
60	Precision Manufacture of Phase-Change Perfluorocarbon Droplets Using Microfluidics. <i>Ultrasound in Medicine and Biology</i> , 2011, 37, 1952-1957.	0.7	47
61	Microfluidic droplet sorting with a high frequency ultrasound beam. <i>Lab on A Chip</i> , 2012, 12, 2736.	3.1	47
62	Microfluidics structures for probing the dynamic behaviour of filamentous fungi. <i>Microelectronic Engineering</i> , 2010, 87, 786-789.	1.1	46
63	High-speed, clinical-scale microfluidic generation of stable phase-change droplets for gas embolotherapy. <i>Lab on A Chip</i> , 2011, 11, 3990.	3.1	46
64	Advancing practical usage of microtechnology: a study of the functional consequences of dielectrophoresis on neural stem cells. <i>Integrative Biology (United Kingdom)</i> , 2012, 4, 1223-1236.	0.6	43
65	Particle manipulation in a microfluidic channel using acoustic trap. <i>Biomedical Microdevices</i> , 2011, 13, 779-788.	1.4	42
66	Defense Applications of MEMS. <i>MRS Bulletin</i> , 2001, 26, 318-319.	1.7	41
67	A high throughput microfluidic platform for size-selective enrichment of cell populations in tissue and blood samples. <i>Analyst, The</i> , 2017, 142, 2558-2569.	1.7	41
68	Acoustic responses of monodisperse lipid encapsulated microbubble contrast agents produced by flow focusing. <i>Bubble Science, Engineering & Technology</i> , 2010, 2, 33-40.	0.2	40
69	Nonviral gene vector formation in monodispersed picolitre incubator for consistent gene delivery. <i>Lab on A Chip</i> , 2009, 9, 2638.	3.1	39
70	A Laplace pressure based microfluidic trap for passive droplet trapping and controlled release. <i>Biomicrofluidics</i> , 2012, 6, 14110-1411013.	1.2	38
71	High-throughput continuous dielectrophoretic separation of neural stem cells. <i>Biomicrofluidics</i> , 2019, 13, 064111.	1.2	38
72	An on-chip microfluidic pressure regulator that facilitates reproducible loading of cells and hydrogels into microphysiological system platforms. <i>Lab on A Chip</i> , 2016, 16, 868-876.	3.1	37

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73	A hydrostatic pressure-driven passive micropump enhanced with siphon-based autofill function. <i>Lab on A Chip</i> , 2018, 18, 2167-2177.	3.1	37
74	Core Competencies for Undergraduates in Bioengineering and Biomedical Engineering: Findings, Consequences, and Recommendations. <i>Annals of Biomedical Engineering</i> , 2020, 48, 905-912.	1.3	37
75	Microfluidic Generation of Acoustically Active Nanodroplets. <i>Small</i> , 2012, 8, 1876-1879.	5.2	36
76	Lipoplex-Mediated Single-Cell Transfection via Droplet Microfluidics. <i>Small</i> , 2018, 14, e1802055.	5.2	36
77	Cell Surface N-Glycans Influence Electrophysiological Properties and Fate Potential of Neural Stem Cells. <i>Stem Cell Reports</i> , 2018, 11, 869-882.	2.3	35
78	Polysilicon angular microvibromotors. <i>Journal of Microelectromechanical Systems</i> , 1992, 1, 70-76.	1.7	34
79	In situ mRNA isolation from a microfluidic single-cell array using an external AFM nanoprobe. <i>Lab on A Chip</i> , 2017, 17, 1635-1644.	3.1	34
80	High-efficiency single cell encapsulation and size selective capture of cells in picoliter droplets based on hydrodynamic micro-vortices. <i>Lab on A Chip</i> , 2017, 17, 4324-4333.	3.1	34
81	A microfluidic concentration-gradient droplet array generator for the production of multi-color nanoparticles. <i>Lab on A Chip</i> , 2013, 13, 2815.	3.1	33
82	Membrane Biophysics Define Neuron and Astrocyte Progenitors in the Neural Lineage. <i>Stem Cells</i> , 2014, 32, 706-716.	1.4	33
83	Investigating PLGA microparticle swelling behavior reveals an interplay of expansive intermolecular forces. <i>Scientific Reports</i> , 2021, 11, 14512.	1.6	29
84	Polymer-lipid microbubbles for biosensing and the formation of porous structures. <i>Journal of Colloid and Interface Science</i> , 2010, 344, 521-527.	5.0	28
85	Scaled-up production of monodisperse, dual layer microbubbles using multi-array microfluidic module for medical imaging and drug delivery. <i>Bubble Science, Engineering & Technology</i> , 2012, 4, 12-20.	0.2	28
86	A slow-adapting microfluidic-based tactile sensor. <i>Journal of Micromechanics and Microengineering</i> , 2009, 19, 085002.	1.5	27
87	Motility of bacteria in microfluidic structures. <i>Microelectronic Engineering</i> , 2010, 87, 810-813.	1.1	27
88	Increasing label-free stem cell sorting capacity to reach transplantation-scale throughput. <i>Biomicrofluidics</i> , 2014, 8, 064106.	1.2	26
89	Frequency discretization in dielectrophoretic assisted cell sorting arrays to isolate neural cells. <i>Lab on A Chip</i> , 2012, 12, 2182.	3.1	25
90	Novel on-demand droplet generation for selective fluid sample extraction. <i>Biomicrofluidics</i> , 2012, 6, 24103-2410310.	1.2	23

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91	A modular microfluidic system based on a multilayered configuration to generate large-scale perfusable microvascular networks. <i>Microsystems and Nanoengineering</i> , 2021, 7, 4.	3.4	23
92	Piezoelectrically driven vertical cavity acoustic transducers for the convective transport and rapid detection of DNA and protein binding to DNA microarrays with SPR imaging—a parametric study. <i>Biosensors and Bioelectronics</i> , 2012, 35, 37-43.	5.3	22
93	Low-cost experimentation for the study of droplet microfluidics. <i>Lab on A Chip</i> , 2014, 14, 3978-3986.	3.1	22
94	Evaluation of quantum dot immunofluorescence and a digital CMOS imaging system as an alternative to conventional organic fluorescence dyes and laser scanning for quantifying protein microarrays. <i>Proteomics</i> , 2016, 16, 1271-1279.	1.3	22
95	Rapid immunodiagnostics of multiple viral infections in an acoustic microstreaming device with serum and saliva samples. <i>Lab on A Chip</i> , 2019, 19, 1524-1533.	3.1	22
96	Rapid isolation of circulating cancer associated fibroblasts by acoustic microstreaming for assessing metastatic propensity of breast cancer patients. <i>Lab on A Chip</i> , 2021, 21, 875-887.	3.1	22
97	Microfluidic Droplet Manipulations and Their Applications. , 2012, , 23-50.		21
98	The third decade of microfluidics. <i>Lab on A Chip</i> , 2013, 13, 1660.	3.1	21
99	A microfluidic device for blood plasma separation and fluorescence detection of biomarkers using acoustic microstreaming. <i>Sensors and Actuators A: Physical</i> , 2021, 317, 112482.	2.0	20
100	Special Issue on Biomedical Applications for MEMS and Microfluidics. <i>Proceedings of the IEEE</i> , 2004, 92, 3-5.	16.4	19
101	Label-free enrichment of fate-biased human neural stem and progenitor cells. <i>Biosensors and Bioelectronics</i> , 2020, 152, 111982.	5.3	19
102	High-Throughput and Dosage-Controlled Intracellular Delivery of Large Cargos by an Acoustic-Electric Microvortices Platform. <i>Advanced Science</i> , 2022, 9, e2102021.	5.6	18
103	SPECIAL ISSUE FOREWORD. <i>Lab on A Chip</i> , 2004, 4, 31N.	3.1	17
104	An integrated microfluidic platform for size-selective single-cell trapping of monocytes from blood. <i>Biomicrofluidics</i> , 2018, 12, 054104.	1.2	17
105	Control of serial microfluidic droplet size gradient by step-wise ramping of flow rates. <i>Microfluidics and Nanofluidics</i> , 2006, 3, 19-25.	1.0	16
106	Post-Formation Shrinkage and Stabilization of Microfluidic Bubbles in Lipid Solution. <i>Langmuir</i> , 2016, 32, 1939-1946.	1.6	15
107	LCAT pump optimization for an integrated microfluidic droplet generator. <i>Microfluidics and Nanofluidics</i> , 2015, 18, 1265-1275.	1.0	13
108	Integrated On-Chip Microfluidic Immunoassay for Rapid Biomarker Detection. <i>Procedia Engineering</i> , 2016, 159, 53-57.	1.2	13

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109	It's Electric: When Technology Gives a Boost to Stem Cell Science. <i>Current Stem Cell Reports</i> , 2018, 4, 116-126.	0.7	13
110	The vascular niche in next generation microphysiological systems. <i>Lab on A Chip</i> , 2021, 21, 3244-3262.	3.1	13
111	Microfluidic Compartmentalization Platforms for Single Cell Analysis. <i>Biosensors</i> , 2022, 12, 58.	2.3	12
112	3D Anastomosed Microvascular Network Model with Living Capillary Networks and Endothelial Cell-Lined Microfluidic Channels. <i>Methods in Molecular Biology</i> , 2017, 1612, 325-344.	0.4	11
113	A mass manufacturable thermoplastic based microfluidic droplet generator on cyclic olefin copolymer. <i>Journal of Micromechanics and Microengineering</i> , 2019, 29, 055009.	1.5	11
114	LCAT DNA Shearing. <i>Journal of the Association for Laboratory Automation</i> , 2014, 19, 163-170.	2.8	10
115	Impact, Friction, and Wear Testing of Microsamples of Polycrystalline Silicon. <i>Materials Research Society Symposia Proceedings</i> , 1992, 276, 67.	0.1	9
116	Microfluidics: an emerging technology for food and health science. <i>Annals of the New York Academy of Sciences</i> , 2010, 1190, 186-192.	1.8	8
117	Backscattering measurement from a single microdroplet. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2011, 58, 874-879.	1.7	8
118	High-throughput microfluidic single-cell trapping arrays for biomolecular and imaging analysis. <i>Methods in Cell Biology</i> , 2018, 148, 35-50.	0.5	8
119	Repetitive impact testing of micromechanical structures. <i>Sensors and Actuators A: Physical</i> , 1993, 39, 73-82.	2.0	6
120	Electrostatic comb drive for vertical actuation. , 1997, , .		6
121	Label-Free Metabolic Classification of Single Cells in Droplets Using the Phasor Approach to Fluorescence Lifetime Imaging Microscopy. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2019, 95, 93-100.	1.1	6
122	Microfluidic cellular and molecular detection for lab-on-a-chip applications. , 2009, 2009, 4147-9.		5
123	A microfabricated, optically accessible device to study the effects of mechanical cues on collagen fiber organization. <i>Biomedical Microdevices</i> , 2014, 16, 255-267.	1.4	5
124	Cell-sized lipid vesicles for cell-cell synaptic therapies. <i>Technology</i> , 2017, 05, 201-213.	1.4	5
125	Inspiring Engineering Minds to Advance Human Health: The Henry Samueli School of Engineering's Department of BME. <i>IEEE Pulse</i> , 2012, 3, 42-45.	0.1	4
126	A real-time characterization method to rapidly optimize molecular beacon signal for sensitive nucleic acids analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 3059-3067.	1.9	4

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127	10.1063/1.3206910.1., 2009, , .		4
128	3-D In-Bi-Sn Electrodes for Lab-on-PCB Cell Sorting. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2016, 6, 1295-1300.	1.4	3
129	2020 vision: celebrating the 20th year of <i>Lab on a Chip</i>. Lab on A Chip, 2020, 20, 1889-1890.	3.1	3
130	Shear-dependent microvortices in liquidâ€“liquid flow-focusing geometry: A theoretical, numerical, and experimental study. Physics of Fluids, 2021, 33, .	1.6	3
131	A Microfabrication Process for Polymer Microchannel With Embedded Vertical Electrodes for Microfluidic Applications. , 2004, , 439.		2
132	Cutting edge: Microfluidicâ€“micromagnetic blood cleansing device. Lab on A Chip, 2009, 9, 1167.	3.1	2
133	Micro-/Nanodroplets in Microfluidic Devices. , 2010, , 553-569.		2
134	Optimization of Shear Driven Droplet Generation in a Microfluidic Device. , 2003, , 579.		1
135	Fungal growth in confined microfabricated networks. , 2005, , .		1
136	Formulation of Monodisperse Contrast Agents in Microfluidic Systems for Ultrasonic Imaging. , 2006, , .		1
137	A slow-adapting microfluidic based tactile sensor. Proceedings of the IEEE International Conference on Micro Electro Mechanical Systems (MEMS), 2008, , .	0.0	1
138	Ultrasonic analysis of precision-engineered acoustically active lipospheres produced by microfluidic. , 2009, , .		1
139	Two-dimensional cell trapping by ultrasound microbeam. , 2011, , .		1
140	Functionalized Vesicles by Microfluidic Device. Methods in Molecular Biology, 2017, 1572, 489-510.	0.4	1
141	A Path Analysis of Physical Activity Intensity and Waist Circumference on the Lipid Profile: A Cross-sectional Study of NHANES Data. American Journal of Health Education, 2020, 51, 310-317.	0.3	1
142	Lab on a Chip â€“ past, present, and future. Lab on A Chip, 2021, 21, 1197-1198.	3.1	1
143	Micro-/Nanodroplets in Microfluidic Devices. , 2007, , 571-590.		1
144	A Multi-Functional Micro Total Analysis System (Î¼TAS) Platform for Transport and Sensing of Biological Fluids using Microchannel Parallel Electrodes. , 2006, , 135-158.		1

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145	Polymer microstructures for cellular growth studies. , 2005, , .		0
146	Monodisperse Lipoplex Generation by Integrated Picoliter Micro Reactor and Incubator. , 2006, , .		0
147	Design and Fabrication of Vertical Electrodes in Microchannels for Particles/cells Sorting by Dielectrophoresis. , 2006, , .		0
148	Acoustic characterization of individual monodisperse contrast agents with an optical-acoustical system. , 2009, , .		0
149	Acoustic cavity transducers for the manipulation of cells and biomolecules. Proceedings of SPIE, 2010, , .	0.8	0
150	Improving Cell Loading Efficiency Into Microfluidic Devices Using LCATs. , 2010, , .		0
151	Acoustic particle trapping in a microfluidic device using frequency modulated signal. , 2011, , .		0
152	Real time acoustic sensing of flowing microdroplets in a microfluidic device. , 2011, , .		0
153	High-throughput single-cell pathogen detection on a droplet microfluidic platform. , 2011, , .		0
154	Microfluidic Micro/Nano Droplets. Springer Handbooks, 2017, , 537-558.	0.3	0
155	Two in One: Echocardiographic Features of Right-Ventricular Diverticulum and Left-Ventricular Aneurysm in the Same Patient. CJC Open, 2020, 2, 719-721.	0.7	0
156	Right ventricular outflow tract ventricular tachycardia as a result of uncontrolled hyperthyroidism. Journal of Electrocardiology, 2020, 62, 110-112.	0.4	0
157	NADH Autofluorescence Phasor Flim for the Metabolic Characterization of T Cell and Leukemia Cell in a Droplet. Biophysical Journal, 2021, 120, 359a.	0.2	0
158	A Microfluidic Approach and Enhancement Towards a Colorimetric Enzyme-Linked-ImmunoSorbant-Assay for Diagnostic Detection of Infectious Diseases. , 2007, , .		0
159	Fast Real Time Binding for Surface Assays Using VCAT Coupled With SPRI. , 2010, , .		0
160	Flow Rate Measurements, Methods. , 2013, , 1-18.		0
161	LCAT pump optimization for an integrated microfluidic droplet generator. Microfluidics and Nanofluidics, 2015, 18, 1265-1275.	1.0	0