

Katsuo Kurabayashi

List of Publications by Year in descending order

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141
papers

5,071
citations

94381

37
h-index

106281

65
g-index

146
all docs

146
docs citations

146
times ranked

6699
citing authors

#	ARTICLE	IF	CITATIONS
1	MEMS GC Column Performance for Analyzing Organics and Biological Molecules for Future Landed Planetary Missions. <i>Frontiers in Astronomy and Space Sciences</i> , 2022, 9, .	1.1	5
2	Emerging biotechnologies for evaluating disruption of stress, sleep, and circadian rhythm mechanism using aptamer-based detection of salivary biomarkers. <i>Biotechnology Advances</i> , 2022, 59, 107961.	6.0	16
3	An ultrahigh-throughput screening platform based on flow cytometric droplet sorting for mining novel enzymes from metagenomic libraries. <i>Environmental Microbiology</i> , 2021, 23, 996-1008.	1.8	11
4	Rapid single-molecule digital detection of protein biomarkers for continuous monitoring of systemic immune disorders. <i>Blood</i> , 2021, 137, 1591-1602.	0.6	21
5	A digital protein microarray for COVID-19 cytokine storm monitoring. <i>Lab on A Chip</i> , 2021, 21, 331-343.	3.1	30
6	Optimized gene expression from bacterial chromosome by high-throughput integration and screening. <i>Science Advances</i> , 2021, 7, .	4.7	35
7	Few-Layer MoS ₂ Photodetector Arrays for Ultrasensitive On-Chip Enzymatic Colorimetric Analysis. <i>ACS Nano</i> , 2021, 15, 7722-7734.	7.3	27
8	Machine learning-based cytokine microarray digital immunoassay analysis. <i>Biosensors and Bioelectronics</i> , 2021, 180, 113088.	5.3	26
9	Ultrasensitive Multiparameter Phenotyping of Rare Cells Using an Integrated Digital Molecular Counting Microfluidic Well Plate. <i>Small</i> , 2021, 17, e2101743.	5.2	4
10	Machine-Learning-Assisted Microfluidic Nanoplasmonic Digital Immunoassay for Cytokine Storm Profiling in COVID-19 Patients. <i>ACS Nano</i> , 2021, 15, 18023-18036.	7.3	33
11	Near-Infrared Multilayer MoS ₂ Photoconductivity-Enabled Ultrasensitive Homogeneous Plasmonic Colorimetric Biosensing. <i>Advanced Materials Interfaces</i> , 2021, 8, .	1.9	3
12	Near-Infrared Multilayer MoS ₂ Photoconductivity-Enabled Ultrasensitive Homogeneous Plasmonic Colorimetric Biosensing (<i>Adv. Mater. Interfaces</i> 24/2021). <i>Advanced Materials Interfaces</i> , 2021, 8, .	1.9	0
13	Peak focusing based on stationary phase thickness gradient. <i>Journal of Chromatography A</i> , 2020, 1614, 460737.	1.8	6
14	An Integrated Plasmonic Photoelectronic Nanostructure Biosensor Detects an Infection Biomarker Accompanying Cell Death in Neutrophils. <i>Small</i> , 2020, 16, 1905611.	5.2	27
15	Experimental Coupling of a MEMS Gas Chromatograph and a Mass Spectrometer for Organic Analysis in Space Environments. <i>ACS Earth and Space Chemistry</i> , 2020, 4, 1718-1729.	1.2	8
16	Integrated on-site collection and detection of airborne microparticles for smartphone-based micro-climate quality control. <i>Analyst</i> , 2020, 145, 6283-6290.	1.7	5
17	Treatment of Cytokine Storm in COVID-19 Patients With Immunomodulatory Therapy. <i>ASAIO Journal</i> , 2020, 66, 1079-1083.	0.9	28
18	Microfabricated ionic liquid column for separations in dry air. <i>Journal of Chromatography A</i> , 2020, 1620, 461002.	1.8	7

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19	Biosensors: An Integrated Plasmo-Photoelectronic Nanostructure Biosensor Detects an Infection Biomarker Accompanying Cell Death in Neutrophils (Small 1/2020). <i>Small</i> , 2020, 16, 2070004.	5.2	0
20	Mass-producible microporous silicon membranes for specific leukocyte subset isolation, immunophenotyping, and personalized immunomodulatory drug screening <i>in vitro</i> . <i>Lab on A Chip</i> , 2019, 19, 3065-3076.	3.1	6
21	Landscape of Intercellular Crosstalk in Healthy and NASH Liver Revealed by Single-Cell Secretome Gene Analysis. <i>Molecular Cell</i> , 2019, 75, 644-660.e5.	4.5	488
22	Single-cell RT-LAMP mRNA detection by integrated droplet sorting and merging. <i>Lab on A Chip</i> , 2019, 19, 2425-2434.	3.1	29
23	Syntrophic co-culture amplification of production phenotype for high-throughput screening of microbial strain libraries. <i>Metabolic Engineering</i> , 2019, 54, 232-243.	3.6	40
24	System Integration of Nanostructured Materials for Point-of-Care Immune Biosensing. , 2019, , .		0
25	Efficient molecular evolution to generate enantioselective enzymes using a dual-channel microfluidic droplet screening platform. <i>Nature Communications</i> , 2018, 9, 1030.	5.8	102
26	On-site monitoring of occupational exposure to volatile organic compounds by a portable comprehensive 2-dimensional gas chromatography device. <i>Analytical Methods</i> , 2018, 10, 237-244.	1.3	15
27	A zone-heated gas chromatographic microcolumn: Energy efficiency. <i>Sensors and Actuators B: Chemical</i> , 2018, 254, 561-572.	4.0	16
28	Sort'N merge: A deterministic microfluidic platform for co-encapsulating distinct particles in microdroplets. , 2018, , .		2
29	Cyclewise Operation of Printed MoS ₂ Transistor Biosensors for Rapid Biomolecule Quantification at Femtomolar Levels. <i>ACS Sensors</i> , 2017, 2, 274-281.	4.0	40
30	Centrifugal microfluidics for sorting immune cells from whole blood. <i>Sensors and Actuators B: Chemical</i> , 2017, 245, 1050-1061.	4.0	34
31	Biotunable Nanoplasmonic Filter on Few-Layer MoS ₂ for Rapid and Highly Sensitive Cytokine Optoelectronic Immunosensing. <i>ACS Nano</i> , 2017, 11, 5697-5705.	7.3	48
32	AC Electroosmosis-Enhanced Nanoplasmo-fluidic Detection of Ultralow-Concentration Cytokine. <i>Nano Letters</i> , 2017, 17, 2374-2380.	4.5	55
33	Deterministic droplet-based co-encapsulation and pairing of microparticles via active sorting and downstream merging. <i>Lab on A Chip</i> , 2017, 17, 3664-3671.	3.1	60
34	Breaking the diffusion-limit of the nano-plasmo-fluidic biosensing with two regimes of AC electrohydrodynamic flow. , 2017, , .		1
35	Fabrication of prebent MoS ₂ biosensors on flexible substrates. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2017, 35, .	0.6	7
36	Influence of Thermal Time Constant of a Micro-Fabricated Thermal Modulator (μ TM) for Comprehensive Microscale 2-D Gas Chromatography (μ GC \times μ GC). <i>Journal of Microelectromechanical Systems</i> , 2017, 26, 743-745.	1.7	3

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37	Portable multi-dimensional gas chromatography device for rapid field analysis of chemical compounds. , 2017, , .		2
38	Multiplexed Nanoplasmonic Temporal Profiling of T-Cell Response under Immunomodulatory Agent Exposure. ACS Sensors, 2016, 1, 941-948.	4.0	35
39	Investigation into the use of electrochemical impedance spectroscopy for cellular functional immunophenotyping. , 2016, , .		2
40	A Wearable MEMS Gas Chromatograph for Multi-Vapor Determinations. Procedia Engineering, 2016, 168, 1398-1401.	1.2	12
41	Nanofluidic flow assisted assembly of dispersed plasmonic nanostructures into shallow nanochannel sensors. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2016, 34, 06KM04.	0.6	1
42	In situ calibration of micro-photoionization detectors in a multi-dimensional micro-gas chromatography system. Analyst, The, 2016, 141, 4100-4107.	1.7	19
43	A fully automated portable gas chromatography system for sensitive and rapid quantification of volatile organic compounds in water. RSC Advances, 2016, 6, 49416-49424.	1.7	38
44	Fully Automated Portable Comprehensive 2-Dimensional Gas Chromatography Device. Analytical Chemistry, 2016, 88, 10266-10274.	3.2	42
45	Low-Power Miniaturized Helium Dielectric Barrier Discharge Photoionization Detectors for Highly Sensitive Vapor Detection. Analytical Chemistry, 2016, 88, 8780-8786.	3.2	25
46	First-principle modeling and characterization of thermal modulation in comprehensive two-dimensional gas chromatography using a microfabricated device. Sensors and Actuators B: Chemical, 2016, 231, 135-146.	4.0	7
47	Comprehensive two-dimensional gas chromatographic separations with a temperature programmed microfabricated thermal modulator. Journal of Chromatography A, 2016, 1444, 114-122.	1.8	19
48	Integrated monolithic 3D MEMS scanner for switchable real time vertical/horizontal cross-sectional imaging. Optics Express, 2016, 24, 2145.	1.7	43
49	Polymer-coated micro-optofluidic ring resonator detector for a comprehensive two-dimensional gas chromatographic microsystem: $\frac{1}{4}$ GC $\bar{\bar{A}}$ – $\frac{1}{4}$ GC $\hat{\hat{A}}$ – $\frac{1}{4}$ OFRR. Analyst, The, 2016, 141, 261-269.	1.7	15
50	Multiple MoS ₂ Transistors for Sensing Molecule Interaction Kinetics. Scientific Reports, 2015, 5, 10546.	1.6	64
51	Flow-through microfluidic photoionization detectors for rapid and highly sensitive vapor detection. Lab on A Chip, 2015, 15, 3021-3029.	3.1	58
52	$\frac{1}{4}$ GC $\bar{\bar{A}}$ – $\frac{1}{4}$ GC: Comprehensive Two-Dimensional Gas Chromatographic Separations with Microfabricated Components. Analytical Chemistry, 2015, 87, 1630-1637.	3.2	40
53	Rapid, automated, parallel quantitative immunoassays using highly integrated microfluidics and AlphaLISA. Scientific Reports, 2015, 5, 11339.	1.6	48
54	Multiplex Serum Cytokine Immunoassay Using Nanoplasmonic Biosensor Microarrays. ACS Nano, 2015, 9, 4173-4181.	7.3	267

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55	MEMS-based multiphoton endomicroscope for repetitive imaging of mouse colon. Biomedical Optics Express, 2015, 6, 3074.	1.5	35
56	Label-free cytokine micro- and nano-biosensing towards personalized medicine of systemic inflammatory disorders. Advanced Drug Delivery Reviews, 2015, 95, 90-103.	6.6	58
57	Two different device physics principles for operating MoS ₂ transistor biosensors with femtomolar-level detection limits. Applied Physics Letters, 2015, 107, .	1.5	38
58	Nanoimprint-Assisted Shear Exfoliation (NASE) for Producing Multilayer MoS ₂ Structures as Field-Effect Transistor Channel Arrays. ACS Nano, 2015, 9, 8773-8785.	7.3	48
59	Fabrication and comparison of MoS ₂ and WSe ₂ field-effect transistor biosensors. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2015, 33, .	0.6	37
60	Optofluidic cellular immunofunctional analysis by localized surface plasmon resonance. Proceedings of SPIE, 2014, , .	0.8	1
61	Aqueous two-phase systems enable multiplexing of homogeneous immunoassays. Technology, 2014, 02, 176-184.	1.4	24
62	Integrated Nanoplasmonic Sensing for Cellular Functional Immunoanalysis Using Human Blood. ACS Nano, 2014, 8, 2667-2676.	7.3	89
63	Recent advancements in optofluidics-based single-cell analysis: optical on-chip cellular manipulation, treatment, and property detection. Lab on A Chip, 2014, 14, 1230-1245.	3.1	110
64	2D resonant microscanner for dual axes confocal fluorescence endomicroscope. , 2014, , .		4
65	Contrasting Effects of Nanoparticle Binding on Protein Denaturation. Journal of Physical Chemistry C, 2014, 118, 22069-22078.	1.5	30
66	A Kinesin Driven Enzyme Linked Immunosorbant Assay (ELISA) for Ultra Low Protein Detection Applications. Biophysical Journal, 2014, 106, 622a.	0.2	3
67	Vertical Cross-sectional Imaging of Colonic Dysplasia In Vivo With Multi-spectral Dual Axes Confocal Endomicroscopy. Gastroenterology, 2014, 146, 615-617.	0.6	22
68	Uniform-temperature, microscale thermal modulator with area-adjusted air-gap isolation for comprehensive two-dimensional gas chromatography. Sensors and Actuators B: Chemical, 2013, 181, 518-522.	4.0	6
69	Fabry-Pérot cavity sensor-based optofluidic gas chromatography using a microfabricated passive preconcentrator/injector. Lab on A Chip, 2013, 13, 851.	3.1	9
70	A Kinesin Driven Microfluidic Concentrator Device for Ultrasensitive Detection of Analyte. Biophysical Journal, 2013, 104, 523a.	0.2	0
71	Smart multi-channel two-dimensional micro-gas chromatography for rapid workplace hazardous volatile organic compounds measurement. Lab on A Chip, 2013, 13, 818.	3.1	39
72	Preprogrammed capillarity to passively control system-level sequential and parallel microfluidic flows. Lab on A Chip, 2013, 13, 2091.	3.1	28

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73	Preprogrammed, Parallel On-Chip Immunoassay Using System-Level Capillarity Control. <i>Analytical Chemistry</i> , 2013, 85, 6902-6907.	3.2	21
74	Surface-Engineered Micromachined Microfiltration Membranes for Efficient Isolation and Functional Immunophenotyping of Subpopulations of Immune Cells. <i>Advanced Healthcare Materials</i> , 2013, 2, 965-975.	3.9	43
75	Smart Three-Dimensional Gas Chromatography. <i>Analytical Chemistry</i> , 2013, 85, 6871-6875.	3.2	15
76	Targeted vertical cross-sectional imaging with handheld near-infrared dual axes confocal fluorescence endomicroscope. <i>Biomedical Optics Express</i> , 2013, 4, 322.	1.5	32
77	Emerging Microfluidic Tools for Functional Cellular Immunophenotyping: A New Potential Paradigm for Immune Status Characterization. <i>Frontiers in Oncology</i> , 2013, 3, 98.	1.3	25
78	A platform to parallelize planar surfaces and control their spatial separation with nanometer resolution. <i>Review of Scientific Instruments</i> , 2012, 83, 105101.	0.6	19
79	Thermal desorption/injection characterization of a microfabricated passive preconcentrator/injector for micro gas chromatography. , 2012, , .		0
80	Comprehensive Two-Dimensional Gas Chromatographic Separations with a Microfabricated Thermal Modulator. <i>Analytical Chemistry</i> , 2012, 84, 6973-6980.	3.2	38
81	Effect of Thermal Desorption Kinetics on Vapor Injection Peak Irregularities by a Microscale Gas Chromatography Preconcentrator. <i>Analytical Chemistry</i> , 2012, 84, 6336-6340.	3.2	7
82	An integrated microfluidic platform for in situ cellular cytokine secretion immunophenotyping. <i>Lab on A Chip</i> , 2012, 12, 4093.	3.1	60
83	Optofluidic detection for cellular phenotyping. <i>Lab on A Chip</i> , 2012, 12, 3552.	3.1	38
84	Covalent Conjugation of Antibodies to Biomolecular-Motor Driven Shuttles. <i>Biophysical Journal</i> , 2012, 102, 701a.	0.2	0
85	Microfabricated passive vapor preconcentrator/injector designed for microscale gas chromatography. <i>Lab on A Chip</i> , 2012, 12, 717.	3.1	28
86	Transition from Mechanical "Engineering" to Mechanical "Science". <i>Journal of the Society of Mechanical Engineers</i> , 2012, 115, 414-416.	0.0	0
87	Multiscale, Hierarchical Integration of Soft Polymer Micro- and Nanostructures into Optical MEMS. , 2012, , 491-518.		0
88	Evaluation of a Microfabricated Thermal Modulator for Comprehensive Two-Dimensional Microscale Gas Chromatography. <i>Analytical Chemistry</i> , 2011, 83, 5556-5562.	3.2	34
89	Room temperature picowatt-resolution calorimetry. <i>Applied Physics Letters</i> , 2011, 99, 043106.	1.5	42
90	Microfabricated integrated sampler-injector (MISI) for micro gas chromatography. , 2011, , .		0

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91	A low power, high-speed miniaturized thermal modulator for comprehensive 2D gas chromatography. , 2010, , .		2
92	Predicting the stochastic guiding of kinesin-driven microtubules in microfabricated tracks: A statistical-mechanics-based modeling approach. Physical Review E, 2010, 81, 011919.	0.8	6
93	Understanding and control of unstable contact resistance in RF MEMS gold-gold direct contact switches. , 2010, , .		1
94	Microfabricated thermal modulator for comprehensive two-dimensional micro gas chromatography: design, thermal modeling, and preliminary testing. Lab on A Chip, 2010, 10, 1647.	3.1	46
95	Multiplexed Spectral Signature Detection for Microfluidic Color-Coded Bioparticle Flow. Analytical Chemistry, 2010, 82, 9506-9512.	3.2	14
96	Surface landing of microtubule nanotracks influenced by lithographically patterned channels. Applied Physics Letters, 2009, 95, 103701.	1.5	2
97	High-speed tuning of visible laser wavelength using a nanoimprinted grating optical tunable filter. Applied Physics Letters, 2009, 95, 211106.	1.5	12
98	A nano grating tunable mems optical filter for high-speed on-chip multispectral fluorescent detection. , 2009, 2009, 6693-5.		4
99	Foreword Special Section on Packaging for Micro/Nano-Scale Systems. IEEE Transactions on Advanced Packaging, 2009, 32, 399-401.	1.7	5
100	Temperature-Programmed Natural Convection for Micromixing and Biochemical Reaction in a Single Microfluidic Chamber. Analytical Chemistry, 2009, 81, 4510-4516.	3.2	54
101	A Novel Experimental Platform for DNA Mechanics Assays. Biophysical Journal, 2009, 96, 290a.	0.2	0
102	Robust Design of RF-MEMS Cantilever Switches Using Contact Physics Modeling. IEEE Transactions on Industrial Electronics, 2009, 56, 1012-1021.	5.2	41
103	Laser micro-machining using near-field optics. Applied Surface Science, 2008, 254, 5105-5110.	3.1	0
104	Electrically Programmable Surfaces for Configurable Patterning of Cells. Advanced Materials, 2008, 20, 1418-1423.	11.1	29
105	A Flexible Nanograting Integrated Onto Silicon Micromachines by Soft Lithographic Replica Molding and Assembly. Journal of Microelectromechanical Systems, 2008, 17, 393-401.	1.7	12
106	Self-Contained, Biomolecular Motor-Driven Protein Sorting and Concentrating in an Ultrasensitive Microfluidic Chip. Nano Letters, 2008, 8, 1041-1046.	4.5	104
107	High-speed deformation of soft lithographic nanograting patterns for ultrasensitive optical spectroscopy. Applied Physics Letters, 2008, 92, 051116.	1.5	9
108	Design of a MEMS Tunable Polymer Grating for Single Detector Spectroscopy. International Journal of Optomechatronics, 2008, 2, 75-87.	3.3	25

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109	Co-Design of a MEMS Actuator and Its Controller Using Frequency Constraints. , 2008, , .		9
110	Fabrication of beam structures with micro-scale cross-sections and meso-scale spans. Journal of Micromechanics and Microengineering, 2007, 17, 2516-2521.	1.5	1
111	Mechanically tunable photonic crystal. Proceedings of SPIE, 2007, , .	0.8	0
112	MEMS tunable polymer grating for advantageous spectroscopic measurements. Proceedings of SPIE, 2007, , .	0.8	3
113	Lifetime Extension of RF MEMS Direct Contact Switches in Hot Switching Operations by Ball Grid Array Dimple Design. IEEE Electron Device Letters, 2007, 28, 479-481.	2.2	37
114	Full-wave electromagnetic and thermal modeling for the prediction of heat-dissipation-induced RF-MEMS switch failure. Journal of Micromechanics and Microengineering, 2006, 16, 157-164.	1.5	10
115	Protein Pattern Assembly by Active Control of a Triblock Copolymer Monolayer. Nano Letters, 2006, 6, 2763-2767.	4.5	20
116	Robust Design of RF-MEMS Cantilever Switches Using Contact Physics Modeling. , 2006, , 111.		0
117	Efficient Designs for Powering Microscale Devices with Nanoscale Biomolecular Motors. Small, 2006, 2, 281-287.	5.2	52
118	Transition from multiple to single microcontact conduction during hot switching of microelectromechanical switches with ball-shaped dimples. Applied Physics Letters, 2006, 89, 133501.	1.5	9
119	Skin-Effect Self-Heating in Air-Suspended RF MEMS Transmission-Line Structures. Journal of Microelectromechanical Systems, 2006, 15, 1622-1631.	1.7	14
120	Adhesion effects on contact opening dynamics in micromachined switches. Journal of Applied Physics, 2005, 97, 103535.	1.1	36
121	Low-force contact heating and softening using micromechanical switches in diffusive-ballistic electron-transport transition. Applied Physics Letters, 2005, 86, 023507.	1.5	16
122	Nanoimprinted strain-controlled elastomeric gratings for optical wavelength tuning. Applied Physics Letters, 2005, 86, 161113.	1.5	34
123	Effect of nanoscale heating on electrical transport in RF MEMS switch contacts. Journal of Microelectromechanical Systems, 2005, 14, 935-946.	1.7	115
124	A single-layer PDMS-on-silicon hybrid microactuator with multi-axis out-of-plane motion capabilities-part II: fabrication and characterization. Journal of Microelectromechanical Systems, 2005, 14, 558-566.	1.7	27
125	A single-layer PDMS-on-silicon hybrid microactuator with multi-axis out-of-plane motion capabilities-Part I: design and analysis. Journal of Microelectromechanical Systems, 2005, 14, 548-557.	1.7	27
126	A metal-coated polymer micromirror for strain-driven high-speed multi-axis optical scanning. IEEE Photonics Technology Letters, 2005, 17, 1193-1195.	1.3	2

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127	PDMS-based opto-fluidic micro flow cytometer with two-color, multi-angle fluorescence detection capability using PIN photodiodes. <i>Sensors and Actuators B: Chemical</i> , 2004, 98, 356-367.	4.0	176
128	Multi-axis single-layer PDMS-on-silicon micro optical reflector. , 2004, , .		2
129	Reversible Switching of High-Speed Air-Liquid Two-Phase Flows Using Electrowetting-Assisted Flow-Pattern Change. <i>Journal of the American Chemical Society</i> , 2003, 125, 14678-14679.	6.6	88
130	Shaped comb fingers for tailored electromechanical restoring force. <i>Journal of Microelectromechanical Systems</i> , 2003, 12, 373-383.	1.7	84
131	Fully integrated electrothermal multidomain modeling of RF MEMS switches. <i>IEEE Microwave and Wireless Components Letters</i> , 2003, 13, 364-366.	2.0	32
132	ANISOTROPIC THERMAL ENERGY TRANSPORT IN POLARIZED LIQUID CRYSTALLINE (LC) POLYMERS UNDER ELECTRIC FIELDS. <i>Microscale Thermophysical Engineering</i> , 2003, 7, 87-99.	1.2	2
133	Design Optimization of a Novel, Large-Displacement, Multi-Axis, Silicon/Polymer Hybrid Actuator for Micro Optics. , 2003, , 197.		0
134	Simultaneous Electrical and Thermal Modeling of a Contact-Type RF MEMS Switch. , 2003, , 225.		5
135	Thermal conduction in doped single-crystal silicon films. <i>Journal of Applied Physics</i> , 2002, 91, 5079-5088.	1.1	406
136	Title is missing!. <i>Biomedical Microdevices</i> , 2002, 4, 141-149.	1.4	102
137	Temperature-Dependent Thermal Conductivity of Undoped Polycrystalline Silicon Layers. <i>International Journal of Thermophysics</i> , 2001, 22, 605-616.	1.0	124
138	Title is missing!. <i>International Journal of Thermophysics</i> , 2001, 22, 277-288.	1.0	70
139	Measurement of the thermal conductivity anisotropy in polyimide films. <i>Journal of Microelectromechanical Systems</i> , 1999, 8, 180-191.	1.7	115
140	Impact of molecular orientation on thermal conduction in spin-coated polyimide films. <i>Journal of Applied Physics</i> , 1999, 86, 1925-1931.	1.1	31
141	Thermal characterization of anisotropic thin dielectric films using harmonic Joule heating. <i>Thin Solid Films</i> , 1999, 339, 160-164.	0.8	93