

Peiyi Song

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

396
citations

1039406

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996533

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17
all docs

17
docs citations

17
times ranked

714
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of beam currents under an oscillating cone-jet mode for developing high-precision electrospray thrusters. <i>Journal of Applied Physics</i> , 2022, 131, .	1.1	7
2	Role of microfluidics in accelerating new space missions. <i>Biomicrofluidics</i> , 2022, 16, 021503.	1.2	4
3	A compound pendulum for thrust measurement of micro-Newton thruster. <i>Review of Scientific Instruments</i> , 2022, 93, .	0.6	8
4	Instantaneous Self-Powered Sensing System Based on Planar-Structured Rotary Triboelectric Nanogenerator. <i>Sensors</i> , 2021, 21, 3741.	2.1	8
5	A sheathless inertial focusing technique for optofluidic devices. <i>Microfluidics and Nanofluidics</i> , 2019, 23, 1.	1.0	5
6	Nanowire-array-based gene electro-transfection system driven by human-motion operated triboelectric nanogenerator. <i>Nano Energy</i> , 2019, 64, 103901.	8.2	33
7	Streaming Current Based Microtubular Enzymatic Sensor for Self-Powered Detection of Urea. <i>Advanced Materials Technologies</i> , 2019, 4, 1800430.	3.0	11
8	Nanogenerators for wearable bioelectronics and biodevices. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 023002.	1.3	37
9	A Self-Powered Implantable Drug-Delivery System Using Biokinetic Energy. <i>Advanced Materials</i> , 2017, 29, 1605668.	11.1	122
10	Self-adaptive Bioinspired Hummingbird-wing Stimulated Triboelectric Nanogenerators. <i>Scientific Reports</i> , 2017, 7, 17143.	1.6	32
11	Pressure-driven particle focusing in lab-on-a-chip flow cytometers: The choice between sheath-assisted and inertial focusing. , 2017, , .		0
12	Synthesis and characterization of multifunctional hybrid-polymeric nanoparticles for drug delivery and multimodal imaging of cancer. <i>International Journal of Nanomedicine</i> , 2015, 10, 5771.	3.3	10
13	Standalone Lab-on-a-Chip Systems toward the Evaluation of Therapeutic Biomaterials in Individualized Disease Treatment. <i>ACS Biomaterials Science and Engineering</i> , 2015, 1, 1055-1066.	2.6	6
14	Moving towards individualized medicine with microfluidics technology. <i>RSC Advances</i> , 2014, 4, 11499.	1.7	29
15	A sustainable approach to individualized disease treatment: The Engineering of a multiple use MEMS drug delivery device. , 2013, , .		4
16	An Electrochemically Actuated MEMS Device for Individualized Drug Delivery: an In Vitro Study. <i>Advanced Healthcare Materials</i> , 2013, 2, 1170-1178.	3.9	29
17	Approaches and Challenges of Engineering Implantable Microelectromechanical Systems (MEMS) Drug Delivery Systems for in Vitro and in Vivo Applications. <i>Micromachines</i> , 2012, 3, 615-631.	1.4	51