

Dmitry S Gritsenko

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4702326/publications.pdf>

Version: 2024-02-01

17
papers

507
citations

1040056

9
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

1016
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of heavy metal by paper-based microfluidics. <i>Biosensors and Bioelectronics</i> , 2016, 83, 256-266.	10.1	188
2	Recent Advancements in Functionalized Paper-Based Electronics. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 20501-20515.	8.0	150
3	Soft lithography based on photolithography and two-photon polymerization. <i>Microfluidics and Nanofluidics</i> , 2018, 22, 1.	2.2	40
4	Larval Zebrafish Lateral Line as a Model for Acoustic Trauma. <i>ENeuro</i> , 2018, 5, ENEURO.0206-18.2018.	1.9	27
5	Pressure of a viscous droplet squeezing through a short circular constriction: An analytical model. <i>Physics of Fluids</i> , 2018, 30, .	4.0	19
6	On characterization of separation force for resin replenishment enhancement in 3D printing. <i>Additive Manufacturing</i> , 2017, 17, 151-156.	3.0	16
7	Gallium-Based Room-Temperature Liquid Metals: Actuation and Manipulation of Droplets and Flows. <i>Frontiers in Mechanical Engineering</i> , 2017, 3, .	1.8	16
8	Vibrational modes prediction for water-air bubbles trapped in circular microcavities. <i>Physics of Fluids</i> , 2018, 30, .	4.0	13
9	Drastic sensing enhancement using acoustic bubbles for surface-based microfluidic sensors. <i>Sensors and Actuators B: Chemical</i> , 2017, 243, 298-302.	7.8	10
10	Non-axisymmetric flexural vibrations of free-edge circular silicon wafers. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2014, 378, 673-676.	2.1	5
11	Theoretical Optimization of Trapped-Bubble-Based Acoustic Metamaterial Performance. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5720.	2.5	5
12	Theoretical Analysis of Fractional Viscoelastic Flow in Circular Pipes: General Solutions. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 9093.	2.5	5
13	The Effect of Acceleration on the Separation Force in Constrained-Surface Stereolithography. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 442.	2.5	4
14	Surface vibrational modes in disk-shaped resonators. <i>Ultrasonics</i> , 2014, 54, 905-913.	3.9	3
15	Theoretical Analysis of Fractional Viscoelastic Flow in Circular Pipes: Parametric Study. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 9080.	2.5	3
16	Transverse vibrations of cantilever beams: Analytical solutions with general steady-state forcing. <i>Applications in Engineering Science</i> , 2020, 3, 100017.	0.8	2
17	Differential invariants of feedback transformations for quasi-harmonic oscillation equations. <i>Journal of Geometry and Physics</i> , 2017, 113, 65-72.	1.4	1