

# Dmitry S Gritsenko

## List of Publications by Year in descending order

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17  
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18  
times ranked

1016  
citing authors

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