

Athanasios G Athanassiadis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3360811/publications.pdf>

Version: 2024-02-01

10
papers

444
citations

1163117

8
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

489
citing authors

#	ARTICLE	IF	CITATIONS
1	Particle shape effects on the stress response of granular packings. <i>Soft Matter</i> , 2014, 10, 48-59.	2.7	170
2	Ultrasound-Responsive Systems as Components for Smart Materials. <i>Chemical Reviews</i> , 2022, 122, 5165-5208.	47.7	89
3	Spatial ultrasound modulation by digitally controlling microbubble arrays. <i>Nature Communications</i> , 2020, 11, 4537.	12.8	61
4	Strain Stiffening in Random Packings of Entangled Granular Chains. <i>Physical Review Letters</i> , 2012, 108, 108302.	7.8	58
5	Microchannels with Self-Pumping Walls. <i>ACS Nano</i> , 2020, 14, 13673-13680.	14.6	26
6	X-ray tomography system to investigate granular materials during mechanical loading. <i>Review of Scientific Instruments</i> , 2014, 85, 083708.	1.3	11
7	Effects of multijet coupling on propulsive performance in underwater pulsed jets. <i>Physical Review Fluids</i> , 2016, 1, .	2.5	10
8	Amplification of Acoustic Forces Using Microbubble Arrays Enables Manipulation of Centimeter-Scale Objects. <i>Physical Review Letters</i> , 2022, 128, .	7.8	10
9	Design and preliminary evaluation of a wearable device for mass-screening of sleep apnea. , 2016, 2016, 1870-1873.		6
10	Broadband leaky Lamb waves excited by optical breakdown in water. <i>Journal of the Acoustical Society of America</i> , 2019, 146, 885-892.	1.1	2