

Hamid T Chorsi

List of Publications by Year in descending order

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20
papers

808
citations

758635

12
h-index

752256

20
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all docs

20
docs citations

20
times ranked

1263
citing authors

#	ARTICLE	IF	CITATIONS
1	Piezoelectric Biomaterials for Sensors and Actuators. <i>Advanced Materials</i> , 2019, 31, e1802084.	11.1	477
2	Broadband Electrically Tunable Dielectric Resonators Using Metal-Insulator Transitions. <i>ACS Photonics</i> , 2018, 5, 4056-4060.	3.2	54
3	Tunable plasmonic substrates with ultrahigh Q-factor resonances. <i>Scientific Reports</i> , 2017, 7, 15985.	1.6	52
4	Widely Tunable Optical and Thermal Properties of Dirac Semimetal Cd ₃ As ₂ . <i>Advanced Optical Materials</i> , 2020, 8, 1901192.	3.6	27
5	Soft phonons and ultralow lattice thermal conductivity in the Dirac semimetal Cd_3As_2 . <i>Physical Review Research</i> , 2019, 1, .	1.3	26
6	Tunable Plasmonic Optoelectronic Devices Based on Graphene Metasurfaces. <i>IEEE Photonics Technology Letters</i> , 2017, 29, 228-230.	1.3	24
7	Hierarchical Lotus Leaf-Like Mesoporous Silica Material with Unique Bilayer and Hollow Sandwich-Like Folds: Synthesis, Mechanism, and Applications. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 2044-2049.	3.2	20
8	Patterned Plasmonic Surfaces—Theory, Fabrication, and Applications in Biosensing. <i>Journal of Microelectromechanical Systems</i> , 2017, 26, 718-739.	1.7	17
9	Modeling and analysis of MEMS disk resonators. <i>Microsystem Technologies</i> , 2018, 24, 2517-2528.	1.2	16
10	A Conceptual Study of Microelectromechanical Disk Resonators. <i>IEEE Journal on Multiscale and Multiphysics Computational Techniques</i> , 2017, 2, 29-37.	1.4	15
11	Topological Materials for Functional Optoelectronic Devices. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	15
12	Thermally Reconfigurable Meta-Optics. <i>IEEE Photonics Journal</i> , 2019, 11, 1-16.	1.0	13
13	Apertureless Near-Field Scanning Probes Based on Graphene Plasmonics. <i>IEEE Photonics Journal</i> , 2017, 9, 1-7.	1.0	9
14	Gate-tunable metafilm absorber based on indium silicon oxide. <i>Nanophotonics</i> , 2019, 8, 1803-1810.	2.9	9
15	Efficient high-order analysis of bowtie nanoantennas using the locally corrected Nyström method. <i>Optics Express</i> , 2015, 23, 31452.	1.7	8
16	Radial-contour mode microring resonators: Nonlinear dynamics. <i>International Journal of Mechanical Sciences</i> , 2017, 130, 258-266.	3.6	8
17	Graphene plasmonic nanogratings for biomolecular sensing in liquid. <i>Applied Physics A: Materials Science and Processing</i> , 2017, 123, 1.	1.1	6
18	Using Eccentricity to Locate Ionospheric Exit Points of Magnetospheric Whistler Mode Waves. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 7049-7061.	2.7	6

#	ARTICLE	IF	CITATIONS
19	Nanowrinkled thin films for nanorod assembly in microfluidics. <i>Microfluidics and Nanofluidics</i> , 2019, 23, 1.	1.0	5
20	Systematic analysis of carbon-based microdisk resonators. <i>FlatChem</i> , 2020, 20, 100159.	2.8	1