

Andrea Taschin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9138714/publications.pdf>

Version: 2024-02-01

17
papers

480
citations

1162367

8
h-index

996533

15
g-index

17
all docs

17
docs citations

17
times ranked

879
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum-limited frequency fluctuations in a terahertz laser. <i>Nature Photonics</i> , 2012, 6, 525-528.	15.6	146
2	Spin Dynamics and Low Energy Vibrations: Insights from Vanadyl-Based Potential Molecular Qubits. <i>Journal of the American Chemical Society</i> , 2017, 139, 4338-4341.	6.6	114
3	Spectral super-resolution spectroscopy using a random laser. <i>Nature Photonics</i> , 2020, 14, 177-182.	15.6	62
4	Supercooled water relaxation dynamics probed with heterodyne transient grating experiments. <i>Physical Review E</i> , 2006, 74, 031502.	0.8	33
5	A comparative study on bulk and nanoconfined water by time-resolved optical Kerr effect spectroscopy. <i>Faraday Discussions</i> , 2013, 167, 293.	1.6	31
6	THz time-domain spectroscopic investigations of thin films. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018, 118, 282-288.	2.5	31
7	Temperature Dependence of Spin-Phonon Coupling in [VO(acac) ₂]: A Computational and Spectroscopic Study. <i>Journal of Physical Chemistry C</i> , 2021, 125, 22100-22110.	1.5	15
8	Superheating and Homogeneous Melting Dynamics of Bulk Ice. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 4517-4522.	2.1	12
9	Pressure Effects on Water Dynamics by Time-Resolved Optical Kerr Effect. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 3063-3068.	2.1	8
10	Polymer thermal and acoustic properties using heterodyne detected transient grating technique. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2011, 49, 685-690.	2.4	7
11	Optical Kerr Effect Experiments on Complex Liquids. , 2008, , 73-127.		6
12	Transient grating experiments on CCl ₄ -filled porous glasses. <i>Philosophical Magazine</i> , 2007, 87, 715-722.	0.7	5
13	Probing Globular Protein Self-Assembling Dynamics by Heterodyne Transient Grating Experiments. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 405.	1.3	4
14	Time-domain THz spectroscopy of the characteristics of hydroxyapatite provides a signature of heating in bone tissue. <i>PLoS ONE</i> , 2018, 13, e0201745.	1.1	3
15	Inverse freezing in molecular binary mixtures of β -cyclodextrin and 4-methylpyridine. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 7026.	1.3	2
16	Modification of local and collective dynamics of water in perchlorate solution, induced by pressure and concentration. <i>Journal of Molecular Liquids</i> , 2021, 337, 116273.	2.3	1
17	Nucleation in Aqueous KCl Solutions Induced by Laser Pulses. <i>Proceedings (mdpi)</i> , 2019, 26, 30.	0.2	0