

Martin Wolf

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1065702/publications.pdf>

Version: 2024-02-01

21
papers

706
citations

623734

14
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

1043
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultra-shallow dopant profiles as in-situ electrodes in scanning probe microscopy. <i>Scientific Reports</i> , 2022, 12, 3783.	3.3	1
2	Transition of laser-induced terahertz spin currents from torque- to conduction-electron-mediated transport. <i>Physical Review B</i> , 2022, 105, .	3.2	17
3	Time-resolved terahertz Raman spectroscopy reveals that cations and anions distinctly modify intermolecular interactions of water. <i>Nature Chemistry</i> , 2022, 14, 1031-1037.	13.6	29
4	Terahertz Spin-to-Charge Conversion by Interfacial Skew Scattering in Metallic Bilayers. <i>Advanced Materials</i> , 2021, 33, e2006281.	21.0	44
5	Ultrafast dynamical Lifshitz transition. <i>Science Advances</i> , 2021, 7, .	10.3	38
6	Unveiling the orbital texture of 1T-TiTe ₂ using intrinsic linear dichroism in multidimensional photoemission spectroscopy. <i>Npj Quantum Materials</i> , 2021, 6, .	5.2	23
7	Rotational coherence of encapsulated ortho and para water in fullerene-C60 revealed by time-domain terahertz spectroscopy. <i>Scientific Reports</i> , 2020, 10, 18329.	3.3	20
8	Energy transfer within the hydrogen bonding network of water following resonant terahertz excitation. <i>Science Advances</i> , 2020, 6, eaay7074.	10.3	62
9	Phase-Resolved Detection of Ultrabroadband THz Pulses inside a Scanning Tunneling Microscope Junction. <i>ACS Photonics</i> , 2020, 7, 2046-2055.	6.6	49
10	An open-source, end-to-end workflow for multidimensional photoemission spectroscopy. <i>Scientific Data</i> , 2020, 7, 442.	5.3	14
11	Revealing the competing contributions of charge carriers, excitons, and defects to the non-equilibrium optical properties of ZnO. <i>Structural Dynamics</i> , 2019, 6, 034501.	2.3	26
12	A General Approach To Combine the Advantages of Collinear and Noncollinear Spectrometer Designs in Phase-Resolved Second-Order Nonlinear Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2019, 123, 11022-11030.	2.5	9
13	The Nature of the Dielectric Response of Methanol Revealed by the Terahertz Kerr Effect. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1279-1283.	4.6	21
14	The sign of the polarizability anisotropy of polar molecules is obtained from the terahertz Kerr effect. <i>Chemical Physics Letters</i> , 2018, 692, 319-323.	2.6	14
15	Femtosecond formation dynamics of the spin Seebeck effect revealed by terahertz spectroscopy. <i>Nature Communications</i> , 2018, 9, 2899.	12.8	131
16	Transient birefringence of liquids induced by terahertz electric-field torque on permanent molecular dipoles. <i>Nature Communications</i> , 2017, 8, 14963.	12.8	54
17	Terahertz Sum-Frequency Excitation of a Raman-Active Phonon. <i>Physical Review Letters</i> , 2017, 119, 127402.	7.8	60
18	Ultrafast dynamics in solids probed by femtosecond time-resolved broadband electronic sum frequency generation. <i>Applied Physics Letters</i> , 2016, 109, .	3.3	14

#	ARTICLE	IF	CITATIONS
19	Localization-dependent charge separation efficiency at an organic/inorganic hybrid interface. Chemical Physics Letters, 2016, 646, 25-30.	2.6	6
20	Terahertz-field-induced optical birefringence in common window and substrate materials. Optics Express, 2015, 23, 28985.	3.4	67
21	Photoinduced work function modifications and their effect on photoelectron spectroscopy. Applied Physics Letters, 2013, 103, .	3.3	7