

Georg A Reider

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9110335/publications.pdf>

Version: 2024-02-01

22
papers

1,570
citations

759233

12
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

2335
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel selenoalkenyl-isoxazole based donor-acceptor nonlinear optical material. CrystEngComm, 2018, 20, 12-16.	2.6	12
2	Thiophene ring-fragmentation reactions: Principles and scale-up towards NLO materials. Tetrahedron, 2017, 73, 472-480.	1.9	13
3	Ethyne-Linked Push-Pull Chromophores: Implications of Crystal Structure and Molecular Electronics on the Quadric Nonlinear Activity. Crystal Growth and Design, 2017, 17, 4124-4136.	3.0	5
4	Structure-Property Relationships in Click-Derived Donor-Triazole-Acceptor Materials. Chemistry - A European Journal, 2016, 22, 18887-18898.	3.3	22
5	Observation of Rapid Exciton-Exciton Annihilation in Monolayer Molybdenum Disulfide. Nano Letters, 2014, 14, 5625-5629.	9.1	457
6	Systematic Investigations on 1,2,3-Triazole-Based Compounds Capable of Second Harmonic Generation. Crystal Growth and Design, 2014, 14, 1018-1031.	3.0	25
7	Modified ene-yne compounds: a novel functional material with nonlinear optical properties. CrystEngComm, 2011, 13, 7194.	2.6	15
8	Novel ene-yne compounds as quadratic nonlinear optical materials. Proceedings of SPIE, 2011, , .	0.8	2
9	Manifestations of new $\chi^{(3)}$ - and $\chi^{(2)}$ -nonlinear optical interactions and $\chi^{(2)}$ -properties of orthorhombic bis(guanidinium) zirconium bis(nitilotriacetate) hydrate, $[C(NH_2)_3]_2Zr[N(CH_2COO)]_2 \cdot H_2O$ crystal. Physica Status Solidi (A) Applications and Materials Science, 2011, 208, 695-709.	1.8	10
10	Two color laser ablation: Enhanced yield, improved machining. Applied Surface Science, 2007, 253, 7692-7695.	6.1	17
11	Selective femtosecond laser micro-structuring of photoresists and TCO. , 2007, , .		1
12	Laser micro machining of 3C-SiC single crystals. Microelectronic Engineering, 2006, 83, 1400-1402.	2.4	63
13	Second-harmonic generation from nanoscopic metal tips: Symmetry selection rules for single asymmetric nanostructures. Physical Review B, 2005, 71, .	3.2	101
14	Fast latching type optical switch. Journal of Applied Physics, 2004, 95, 7339-7341.	2.5	64
15	XUV attosecond pulses: generation and measurement. Journal Physics D: Applied Physics, 2004, 37, R37-R48.	2.8	46
16	Breaking the 1-femtosecond barrier - the advent of attosecond metrology. , 2002, , .		0
17	X-ray Pulses Approaching the Attosecond Frontier. Science, 2001, 291, 1923-1927.	12.6	683
18	Dependence of ultrasonic propagation velocities and transit times on an electric biasing field in alpha quartz. Journal of the Acoustical Society of America, 1983, 73, 1995-1999.	1.1	1

#	ARTICLE	IF	CITATIONS
19	Electroelastic effect in alpha quartz. Journal of Applied Physics, 1982, 53, 8716-8721.	2.5	20
20	Correction procedure for measurements of the electroelastic effect in transverse fields. Journal of the Acoustical Society of America, 1982, 71, 1283-1284.	1.1	4
21	Device for improving ultrasonic transit time measurements with standard pulse echo equipment. Review of Scientific Instruments, 1980, 51, 355-356.	1.3	7
22	Standard deviation of averaged digital time interval measurements. Review of Scientific Instruments, 1980, 51, 1423-1424.	1.3	2