Tomasz Seidler

List of Publications by Year
in descending order

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20	340	840776 11	794594 19
papers	citations	h-index	g-index

21	21	21	377
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dimethylaniline-Based Hybrid Compounds of Cadmium Diiodide: Synthesis, Crystal Structure, and Physical Properties. Crystal Growth and Design, 2022, 22, 4182-4191.	3.0	1
2	Polar and Helical Isomorphous Crystals of Proline Derivatives: Influence of a Fluorine Atom on the Electric Susceptibility. Chemistry Africa, 2021, 4, 553-562.	2.4	1
3	Investigation of polar crystalline materials containing hydrochlorothiazide: electron density distribution and optical properties. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2021, 77, 965-973.	1.1	0
4	Lung surfactant monolayer â€“ A good natural barrier against dibenzo-p-dioxins. Chemosphere, 2020, 240, 124850.	8.2	7
5	Effect of Substituent Exchange on Optical Anisotropy in Multicomponent Isostructural Materials Containing Sulfathiazole and 2-Aminopyridine Derivatives. Crystal Growth and Design, 2020, 20, 6535-6544.	3.0	7
6	Crystal Structure and (Non)linear Optical Properties of a Cyanuric Acid Isoniazid <1/1> Co-crystal: Shortcomings of Phase Matching Determination from Powdered Samples. Crystal Growth and Design, 2019, 19, 6831-6836.	3.0	6
7	Origin of chromic effects and crystal-to-crystal phase transition in the polymorphs of tyraminium violurate. IUCrJ, 2019, 6, 226-237.	2.2	5
8	Crystal engineering, optical properties and electron density distribution of polar multicomponent materials containing sulfanilamide. CrystEngComm, 2018, 20, 3638-3646.	2.6	11
9	Frontispiece: Co-Crystals of 2-Amino-5-Nitropyridine Barbital with Extreme Birefringence and Large Second Harmonic Generation Effect. Chemistry - A European Journal, 2018, 24, .	3.3	0
10	Coâ€Crystals of 2â€Aminoâ€5â€Nitropyridine Barbital with Extreme Birefringence and Large Second Harmonic Generation Effect. Chemistry - A European Journal, 2018, 24, 8727-8731.	3.3	24
11	Emergence of Nonlinear Optical Activity by Incorporation of a Linker Carrying the p-Nitroaniline Motif in MIL-53 Frameworks. Journal of Physical Chemistry C, 2017, 121, 25509-25519.	3.1	20
12	Second-Order Nonlinear Optical Susceptibilities of Metalâ€“Organic Frameworks Using a Combined Local Field Theory/Charge Embedding Electrostatic Scheme. Journal of Physical Chemistry C, 2016, 120, 6741-6749.	3.1	19
13	QTAIM-Based Scheme for Describing the Linear and Nonlinear Optical Susceptibilities of Molecular Crystals Composed of Molecules with Complex Shapes. Journal of Physical Chemistry C, 2016, 120, 4481-4494.	3.1	30
14	Which charge definition for describing the crystal polarizing field and the Ï‡⁽¹⁾ and Ï‡⁽²⁾ of organic crystals?. Physical Chemistry Chemical Physics, 2015, 17, 19546-19556.	2.8	21
15	Linear and second-order nonlinear optical properties of ionic organic crystals. Journal of Chemical Physics, 2014, 141, 104109.	3.0	39
16	Secondâ€order Nonlinear Optical Susceptibilities and Refractive Indices of Organic Crystals from a Multiscale Numerical Simulation Approach. Advanced Optical Materials, 2014, 2, 1000-1006.	7.3	34
17	Evaluation of the Linear and Second-Order NLO Properties of Molecular Crystals within the Local Field Theory: Electron Correlation Effects, Choice of XC Functional, ZPVA Contributions, and Impact of the Geometry in the Case of 2-Methyl-4-nitroaniline. Journal of Chemical Theory and Computation, 2014, 10, 2114-2124.	5.3	51
18	Investigation of the linear and second-order nonlinear optical properties of molecular crystals within the local field theory. Journal of Chemical Physics, 2013, 139, 114105.	3.0	38

#	Article	IF	Citations
19	N-(5-Nitropyridin-2-yl)-5H-dibenzo[d,f][1,3]diazepine-6-carboxamide. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o1507-o1507.	0.2	4
20	Mechanisms of reactions conducted on Î±-amido-Î±-aminonitrones, determined based on the structures of their crystalline products and DFT calculations. New Journal of Chemistry, 2010, 34, 2220.	2.8	14