

# Gabriel Valdivia

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

222  
citations

1040056

9  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

80  
citing authors

#	ARTICLE	IF	CITATIONS
1	Designing Non-Centrosymmetric Molecular Crystals: Optimal Packing May Be Just One Carbon Away. <i>Advanced Functional Materials</i> , 2020, 30, 1904786.	14.9	40
2	Data Mining for Terahertz Generation Crystals. <i>Advanced Materials</i> , 2022, 34, e2107900.	21.0	26
3	Alkynyl Pyridinium Crystals for Terahertz Generation. <i>Advanced Optical Materials</i> , 2018, 6, 1800383.	7.3	25
4	Comprehensive characterization of terahertz generation with the organic crystal BNA. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2021, 38, 2780.	2.1	23
5	Terahertz generation and optical characteristics of P-BI. <i>Optics Letters</i> , 2019, 44, 4279.	3.3	19
6	Enabling high-power, broadband THz generation with 800-nm pump wavelength. <i>Optics Express</i> , 2021, 29, 38084.	3.4	19
7	6MNEP: a molecular cation with large hyperpolarizability and promise for nonlinear optical applications. <i>Journal of Materials Chemistry C</i> , 2020, 8, 11079-11087.	5.5	18
8	Monosubstituted, Anionic Imidazolyl Ligands from N <sup>~</sup> H NHC Precursors and Their Activity in Pd-Catalyzed Cross-Coupling Reactions. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2876-2881.	4.3	11
9	Experiment and Theory of Bimetallic Pd-Catalyzed $\hat{\pm}$ -Arylation and Annulation for Naphthalene Synthesis. <i>ACS Catalysis</i> , 2021, 11, 10394-10404.	11.2	10
10	Crystal Growth, Terahertz Generation, and Optical Characterization of EHPSI-4NBS. <i>Journal of Physical Chemistry C</i> , 2021, 125, 16097-16102.	3.1	8
11	Terahertz generation of two methoxy stilbazolium crystals: MBST and MBSC. <i>Optical Materials</i> , 2021, 117, 111119.	3.6	8
12	Synthesis and characterization of ethyl benzotriazolyl acrylate-based D <sup>+</sup> fluorophores for live cell-based imaging applications. <i>RSC Advances</i> , 2019, 9, 8759-8767.	3.6	6
13	Heterogeneous layered structures for improved terahertz generation. <i>Optics Letters</i> , 2020, 45, 2054.	3.3	6
14	Synthesis and characterization of benzotriazolyl acrylonitrile analogs-based donor-acceptor molecules: Optical properties, in vitro cytotoxicity, and cellular imaging. <i>Dyes and Pigments</i> , 2021, 189, 109251.	3.7	3