

# Daniel Olguin

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

137  
citations

1307594  
7  
h-index

1281871  
11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

222  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of pressure on the structural properties and electronic band structure of GaSe. <i>Physica Status Solidi (B): Basic Research</i> , 2007, 244, 244-255.	1.5	33
2	Effect of pressure on structural properties and energy band gaps of $\tilde{\mu}$ -InSe. <i>Physica Status Solidi (B): Basic Research</i> , 2003, 235, 456-463.	1.5	30
3	Ab initio electronic band structure study of III-VI layered semiconductors. <i>European Physical Journal B</i> , 2013, 86, 1.	1.5	23
4	<i>Ab initio</i> structural and electronic bandâ€¢structure study of MgSe. <i>Physica Status Solidi (B): Basic Research</i> , 2015, 252, 663-669.	1.5	13
5	Electronic structure, lattice dynamics, and optical properties of a novel van der Waals semiconductor heterostructure: $\text{InGaSe}_{2\text{--}x}\text{Mg}_{x}$ . <i>Physical Review B</i> , 2017, 96, 3.2.	3.2	13
6	Structural, ferroelectric, pyroelectric, and dielectric study of $\text{Bi}_0.5\text{Na}_0.5\text{TiO}_3$ ceramics synthesized with precursors obtained by the solâ€¢gel method and doped with lanthanum. <i>AIP Advances</i> , 2021, 11, .	1.3	9
7	Origin of the -4.4 eV band in CdTe(100). <i>Physical Review B</i> , 1994, 50, 1980-1983.	3.2	8
8	Ab initioelectronic band structure study of the valence bands of II-VIC(2 Å– 2) reconstructed surfaces. <i>Journal of Physics: Conference Series</i> , 2015, 574, 012118.	0.4	3
9	Janus Monolayers of Transition Metal Dichalcogenides: A DFT Study. <i>Physica Status Solidi (B): Basic Research</i> , 2022, 259, .	1.5	2
10	Energy storage performance in lead-free antiferroelectric $0.92(\text{Bi}_0.54\text{Na}_0.46)\text{TiO}_3\text{-}0.08\text{BaTiO}_3$ ultrathin films by pulsed laser deposition. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2022, 40, .	2.1	2
11	Janus Monolayers of Transition Metal Dichalcogenides: A DFT Study. <i>Physica Status Solidi (B): Basic Research</i> , 2022, 259, .	1.5	1
12	Effect of the d electrons on the electronic band structure of the valence bands of $\text{In}_{1-x}\text{Ga}_x\text{Se}_2$ . <i>Surface Science</i> , 2017, 660, 47-55.	1.9	0
13	Effects of hydrostatic pressure on the thermoelectric properties of the $\tilde{\mu}$ -polytype of InSe, GaSe, and $\text{InGaSe}_2$ semiconductor compounds: an ab initio study. <i>Materials Research Express</i> , 2017, 4, 125901.	1.6	0