

# Andris Gulans

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1102806/publications.pdf>

Version: 2024-02-01

30  
papers

3,200  
citations

516710

16  
h-index

477307

29  
g-index

31  
all docs

31  
docs citations

31  
times ranked

5598  
citing authors



#	ARTICLE	IF	CITATIONS
19	Electronic and Optical Excitations at the Pyridine/ZnO(101 $\hat{A}$ 0) Hybrid Interface. <i>Advanced Theory and Simulations</i> , 2019, 2, 1800108.	2.8	13
20	Ab initio calculations of charged point defects in GaN. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2005, 2, 507-510.	0.8	12
21	Critical Importance of van der Waals Stabilization in Strongly Chemically Bonded Surfaces: Cu(110):O. <i>Journal of Chemical Theory and Computation</i> , 2013, 9, 5578-5584.	5.3	10
22	The LDA-1/2 Method Applied to Atoms and Molecules. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 4678-4686.	5.3	8
23	The LDA-1/2 method implemented in the exciting $\hat{A}$ code. <i>Computer Physics Communications</i> , 2017, 220, 263-268.	7.5	7
24	Maximally localized Wannier functions within the $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \langle \text{mml:mo} \langle \text{mml:mi} \text{Tj ETQq0 0 0,rgBT /Overlock 10 Tf} \rangle \rangle \langle \text{mml:mi} \text{method. Physical Review B, 2020, 101, .}$	3.2	6
25	Numerical quality control for DFT-based materials databases. <i>Npj Computational Materials</i> , 2022, 8, .	8.7	6
26	Luminescence and electron transport properties of GaN and AlN layers. <i>Radiation Measurements</i> , 2001, 33, 709-713.	1.4	5
27	Robust mixing in self-consistent linearized augmented plane wave calculations. <i>Electronic Structure</i> , 2020, 2, 037001.	2.8	5
28	Surfaces: Two-Dimensional Nanostructured Growth of Nanoclusters and Molecules on Insulating Surfaces (Adv. Mater. 24/2012). <i>Advanced Materials</i> , 2012, 24, 3146-3146.	21.0	1
29	Work-function modification of PEG(thiol) adsorbed on the Au(111) surface: A first-principles study. <i>Physical Review Materials</i> , 2020, 4, .	2.4	1
30	LCAO calculation of neutral defects in GaN. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2005, 2, 2525-2528.	0.8	0