Julian Gebhardt

List of Publications by Year
in descending order

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29	945	567281 15	477307 29
papers	citations	h-index	g-index

29	29	29	2106
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Electronic Structure of Cs₂AgBiBr₆ at Room Temperature. Physica Status Solidi (B): Basic Research, 2022, 259, .	1.5	13
2	Efficient Modeling Workflow for Accurate Electronic Structures of Hybrid Perovskites. Journal of Physical Chemistry C, 2021, 125, 18597-18603.	3.1	8
3	Host guest chemistry and supramolecular doping in triphenylamine-based covalent frameworks on Au(111). Nanoscale, 2021, 13, 9798-9807.	5.6	5
4	Metalated Graphyne-Based Networks as Two-Dimensional Materials: Crystallization, Topological Defects, Delocalized Electronic States, and Site-Specific Doping. ACS Nano, 2020, 14, 16887-16896.	14.6	17
5	Onâ€Surface Assembly of Hydrogenâ€•and Halogenâ€Bonded Supramolecular Graphyneâ€Like Networks. Angewandte Chemie, 2020, 132, 9636-9642.	2.0	3
6	Onâ€Surface Assembly of Hydrogenâ€•and Halogenâ€Bonded Supramolecular Graphyneâ€Like Networks. Angewandte Chemie - International Edition, 2020, 59, 9549-9555.	13.8	21
7	Large-area epitaxial growth of curvature-stabilized ABC trilayer graphene. Nature Communications, 2020, 11, 546.	12.8	47
8	Mix and Match: Organic and Inorganic Ions in the Perovskite Lattice. Advanced Materials, 2019, 31, e1802697.	21.0	37
9	Big data approach for effective ionic radii. Computer Physics Communications, 2019, 237, 238-243.	7.5	10
10	Two-dimensional delocalized states in organometallic bis-acetylide networks on Ag(111). Nanoscale, 2018, 10, 3769-3776.	5.6	32
11	Reactivity of Substrate-Supported Graphene: A Case Study of Hydrogenation. Journal of Physical Chemistry C, 2018, 122, 2761-2772.	3.1	7
12	Design of Metal-Halide Inverse-Hybrid Perovskites. Journal of Physical Chemistry C, 2018, 122, 13872-13883.	3.1	9
13	Doping of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>BiFeO</mml:mi><mml:mn>3</mml:mn></mml:msub><m : A comprehensive study on substitutional doping. Physical Review B, 2018, 98, .	3.2	51
14	Transition metal inverse-hybrid perovskites. Journal of Materials Chemistry A, 2018, 6, 14560-14565.	10.3	11
15	Selective reduction of SWCNTs â€“ concepts and insights. Journal of Materials Chemistry C, 2017, 5, 3937-3947.	5.5	10
16	Influence of the Dimensionality and Organic Cation on Crystal and Electronic Structure of Organometallic Halide Perovskites. Journal of Physical Chemistry C, 2017, 121, 6569-6574.	3.1	47
17	Hierarchical on-surface synthesis and electronic structure of carbonyl-functionalized one- and two-dimensional covalent nanoarchitectures. Nature Communications, 2017, 8, 14765.	12.8	120
18	Adding to the Perovskite Universe: Inverse-Hybrid Perovskites. ACS Energy Letters, 2017, 2, 2681-2685.	17.4	30

#	Article	IF	Citations
19	Hydrogenation and hydrogen intercalation of hexagonal boron nitride on Ni(1â€‰1â€‰1): reactivity and electronic structure. 2D Materials, 2017, 4, 035026.	4.4	28
20	Triethynylmethanol Derivatives: Stable Acetylenic Building Blocks for Surface Chemistry. Chemistry - A European Journal, 2017, 23, 1846-1852.	3.3	8
21	Accuracy and Transferability ofAb InitioElectronic Band Structure Calculations for Doped BiFeO3. Journal of Physics: Conference Series, 2017, 921, 012009.	0.4	4
22	Screened van der Waals correction to density functional theory for solids. Physical Review Materials, 2017, 1, .	2.4	19
23	Direct Observation of Electronâ€“Phonon Coupling and Slow Vibrational Relaxation in Organicâ€“Inorganic Hybrid Perovskites. Journal of the American Chemical Society, 2016, 138, 13798-13801.	13.7	196
24	The contact of graphene with Ni(111) surface: description by modern dispersive forces approaches. Theoretical Chemistry Accounts, 2016, 135, 1.	1.4	15
25	Reversible Hydrogenation of Graphene on Ni(111)â€”Synthesis of â€œGraphoneâ€• Chemistry - A European Journal, 2015, 21, 3347-3358.	3.3	57
26	Hydrogen storage on metal oxide model clusters using density-functional methods and reliable van der Waals corrections. Physical Chemistry Chemical Physics, 2014, 16, 5382.	2.8	21
27	Gold intercalation of boron-doped graphene on Ni(111): XPS and DFT study. Journal of Physics Condensed Matter, 2013, 25, 445002.	1.8	12
28	Influence of the surface dipole layer and Pauli repulsion on band energies and doping in graphene adsorbed on metal surfaces. Physical Review B, 2012, 86, .	3.2	35
29	[2,2â€²]Paracyclophane-Based Ï€-Conjugated Molecular Wires Reveal Molecular-Junction Behavior. Journal of the American Chemical Society, 2011, 133, 2370-2373.	13.7	72