Pascal Schouwink

List of Publications by Year
in descending order

26 papers	1,563 citations	430874 18 h-index	552781 26 g-index
29 all docs	29 docs citations	29 times ranked	1997 citing authors

#	Article	IF	Citations
1	Benzodithiopheneâ€Based Spacers for Layered and Quasiâ€Layered Lead Halide Perovskite Solar Cells. ChemSusChem, 2021, 14, 3001-3009.	6.8	8
2	Thermodynamic stability screening of IR-photonic processed multication halide perovskite thin films. Journal of Materials Chemistry A, 2021, 9, 26885-26895.	10.3	4
3	Nanocrystal/Metalâ€“Organic Framework Hybrids as Electrocatalytic Platforms for CO₂ Conversion. Angewandte Chemie - International Edition, 2019, 58, 12632-12639.	13.8	112
4	Nanocrystal/Metalâ€“Organic Framework Hybrids as Electrocatalytic Platforms for CO 2 Conversion. Angewandte Chemie, 2019, 131, 12762-12769.	2.0	23
5	An Inâ€Situ Neutron Diffraction and DFT Study of Hydrogen Adsorption in a Sodaliteâ€Type Metalâ€“Organic Framework, Cuâ€BTTri. European Journal of Inorganic Chemistry, 2019, 2019, 1147-1154.	2.0	15
6	Bis(arylimidazole) Iridium Picolinate Emitters and Preferential Dipole Orientation in Films. ACS Omega, 2018, 3, 2673-2682.	3.5	6
7	A mixed anion hydroborate/carba-hydroborate as a room temperature Na-ion solid electrolyte. Journal of Power Sources, 2018, 404, 7-12.	7.8	72
8	Chemical transformations at the nanoscale: nanocrystal-seeded synthesis of Î²-Cu₂V₂O₇ with enhanced photoconversion efficiencies. Chemical Science, 2018, 9, 5658-5665.	7.4	27
9	Spinel Structural Disorder Influences Solarâ€Waterâ€Splitting Performance of ZnFe₂O₄ Nanorod Photoanodes. Advanced Materials, 2018, 30, e1801612.	21.0	111
10	Metal borohydrides and derivatives â€“ synthesis, structure and properties. Chemical Society Reviews, 2017, 46, 1565-1634.	38.1	320
11	Modified Anion Packing of Na₂B₁₂H₁₂ in Close to Room Temperature Superionic Conductors. Inorganic Chemistry, 2017, 56, 5006-5016.	4.0	55
12	The Many Faces of Mixed Ion Perovskites: Unraveling and Understanding the Crystallization Process. ACS Energy Letters, 2017, 2, 2686-2693.	17.4	154
13	Synthesis and thermal stability of perovskite alkali metal strontium borohydrides. Dalton Transactions, 2016, 45, 831-840.	3.3	19
14	Structural and magnetocaloric properties of novel gadolinium borohydrides. Journal of Alloys and Compounds, 2016, 664, 378-384.	5.5	45
15	Superionic Conduction of Sodium and Lithium in Anionâ€Mixed Hydroborates Na₃BH₄B₁₂H₁₂ and (Li_{0.7}Na_{0.3})₃BH₄B₁₂H₁₂. Advanced Energy Materials, 2015, 5, 1501016.	19.5	102
16	Increasing Hydrogen Density with the Cation-Anion Pair BH4â^'-NH4+ in Perovskite-Type NH4Ca(BH4)3. Energies, 2015, 8, 8286-8299.	3.1	16
17	Flux-assisted single crystal growth and heteroepitaxy of perovskite-type mixed-metal borohydrides. CrystEngComm, 2015, 17, 2682-2689.	2.6	4
18	The crystal chemistry of inorganic metal borohydrides and their relation to metal oxides. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2015, 71, 619-640.	1.1	53

#	Article	IF	Citations
19	Alkali metal â€“ yttrium borohydrides: The link between coordination of small and large rare-earth. Journal of Solid State Chemistry, 2015, 225, 231-239.	2.9	27
20	Nuclear Magnetic Resonance Study of Atomic Motion in Bimetallic Perovskite-Type Borohydrides ACa(BH₄)₃ (A = K, Rb, or Cs). Journal of Physical Chemistry C, 2015, 119, 19689-19696.	3.1	5
21	Structure and properties of complex hydride perovskite materials. Nature Communications, 2014, 5, 5706.	12.8	168
22	Novel solvates M(BH₄)₃S(CH₃)₂ and properties of halide-free M(BH₄)₃ (M = Y or Gd). Dalton Transactions, 2014, 43, 13333-13342.	3.3	52
23	Role of the Li⁺node in the Li-BH₄substructure of double-cation tetrahydroborates. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2014, 70, 871-878.	1.1	10
24	Trimetallic Borohydride Li₃MZn₅(BH₄)₁₅ (M = Mg,) Tj ETQq0 0 0 rgBT /Overlock 10	4.0	51
25	Potassium Zinc Borohydrides Containing Triangular [Zn(BH₄)₃]^{â”} and Tetrahedral [Zn(BH₄)_xCl_{4â€“x}]^{2â€“} Anions. Journal of Physical Chemistry C, 2012, 116, 1563-1571.	3.1	34
26	Bimetallic Borohydrides in the System M(BH₄)₂â€“KBH₄ (M = Mg, Mn): On the Structural Diversity. Journal of Physical Chemistry C, 2012, 116, 10829-10840.	3.1	69