

Sidney E Creutz

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,878
citations

623734

14
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

3091
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoinduced Ullmann C–N Coupling: Demonstrating the Viability of a Radical Pathway. <i>Science</i> , 2012, 338, 647-651.	12.6	431
2	Colloidal Nanocrystals of Lead-Free Double-Perovskite (Elpasolite) Semiconductors: Synthesis and Anion Exchange To Access New Materials. <i>Nano Letters</i> , 2018, 18, 1118-1123.	9.1	394
3	Catalytic Reduction of N ₂ to NH ₃ by an Fe–N ₂ Complex Featuring a C-Atom Anchor. <i>Journal of the American Chemical Society</i> , 2014, 136, 1105-1115.	13.7	296
4	Quantum-Cutting Ytterbium-Doped CsPb(Cl–Br) ₃ Perovskite Thin Films with Photoluminescence Quantum Yields over 190%. <i>ACS Energy Letters</i> , 2018, 3, 2390-2395.	17.4	136
5	Anion Exchange in Cesium Lead Halide Perovskite Nanocrystals and Thin Films Using Trimethylsilyl Halide Reagents. <i>Chemistry of Materials</i> , 2018, 30, 4887-4891.	6.7	103
6	Mid-Gap States and Normal vs Inverted Bonding in Luminescent Cu ⁺ - and Ag ⁺ -Doped CdSe Nanocrystals. <i>Journal of the American Chemical Society</i> , 2017, 139, 6411-6421.	13.7	88
7	Diron Bridged-Thiolate Complexes That Bind N ₂ at the Fe ^{II} –Fe ^{II} , Fe ^{II} –Fe ^I , and Fe ^I –Fe ^I Redox States. <i>Journal of the American Chemical Society</i> , 2015, 137, 7310-7313.	13.7	87
8	Structural Diversity in Cesium Bismuth Halide Nanocrystals. <i>Chemistry of Materials</i> , 2019, 31, 4685-4697.	6.7	80
9	A Selective Cation Exchange Strategy for the Synthesis of Colloidal Yb ³⁺ -Doped Chalcogenide Nanocrystals with Strong Broadband Visible Absorption and Long-Lived Near-Infrared Emission. <i>Journal of the American Chemical Society</i> , 2017, 139, 11814-11824.	13.7	77
10	Exploring secondary-sphere interactions in Fe–N _x H _y complexes relevant to N ₂ fixation. <i>Chemical Science</i> , 2017, 8, 2321-2328.	7.4	57
11	Spinodal Decomposition During Anion Exchange in Colloidal Mn ²⁺ -Doped CsPbX ₃ (X = Cl, Br) Perovskite Nanocrystals. <i>Chemistry of Materials</i> , 2019, 31, 7711-7722.	6.7	36
12	Spin-State Tuning at Pseudo-tetrahedral d ⁶ Ions: Spin Crossover in [BP ₃]Fe ^{II} –X Complexes. <i>Inorganic Chemistry</i> , 2016, 55, 3894-3906.	4.0	34
13	Two-Dimensional van der Waals Nanoplatelets with Robust Ferromagnetism. <i>Nano Letters</i> , 2020, 20, 2100-2106.	9.1	19
14	Shape-Controlled Synthesis of Colloidal Nanorods and Nanoparticles of Barium Titanium Sulfide. <i>Chemistry of Materials</i> , 2021, 33, 5137-5146.	6.7	17
15	A trigonal and hindered tertiary phosphine ligand rendered anionic by a niobate anchor: Formation of zwitterionic M(i) (M = Cu, Ag, Au, Rh) complexes. <i>Chemical Science</i> , 2011, 2, 2166.	7.4	8
16	Barium and titanium dithiocarbamates as precursors for colloidal nanocrystals of emerging optoelectronic materials. <i>Dalton Transactions</i> , 2021, 50, 15978-15982.	3.3	8
17	Octahedral Iron Complexes of Pyrazine(diimine) Pincers: Ligand Electronic Effects and Protonation. <i>Inorganic Chemistry</i> , 2020, 59, 15228-15239.	4.0	4
18	Quantification of the Optical Properties of Perovskite Nanocrystals Using a Combination of Polarized Resonance Synchronous and Polarized Anti-Stokes, On-Resonance, and Stokes-Shifted Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2020, 124, 20388-20397.	3.1	3

#	ARTICLE	IF	CITATIONS
19	Using Redox Titrations to Probe the Role of Trivalent Impurity Ions in the Ferromagnetism of Colloidal EuS Nanocrystals. Chemistry of Materials, 2020, 32, 8633-8640.	6.7	0