Jared T Stritzinger

List of Publications by Year
in descending order

19	664	759233 12	794594 19
papers	citations	h-index	g-index

30	30	30	672
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Unusual structure, bonding and properties in a californium borate. Nature Chemistry, 2014, 6, 387-392.	13.6	110
2	Emergence of californium as the second transitional element in the actinide series. Nature Communications, 2015, 6, 6827.	12.8	108
3	Two Novel Acentric Borate Fluorides: M₃B₆O₁₁F₂ (M) Tj ETQq1 1 0.784314 rgBT	4.0	92
4	How are Centrosymmetric and Noncentrosymmetric Structures Achieved in Uranyl Borates?. Inorganic Chemistry, 2010, 49, 2948-2953.	4.0	53
5	Structureâ^'Property Relationships in Lithium, Silver, and Cesium Uranyl Borates. Chemistry of Materials, 2010, 22, 5983-5991.	6.7	50
6	Crystal Chemistry of the Potassium and Rubidium Uranyl Borate Families Derived from Boric Acid Fluxes. Inorganic Chemistry, 2010, 49, 6690-6696.	4.0	48
7	Th(VO₃)₂(SeO₃) and Ln(VO₃)₂(IO₃) (Ln = Ce, Pr, Nd, Sm, and Eu): unusual cases of aliovalent substitution. Chemical Communications, 2014, 50, 3668-3670.	4.1	42
8	Spontaneous Partitioning of Californium from Curium: Curious Cases from the Crystallization of Curium Coordination Complexes. Inorganic Chemistry, 2015, 54, 11399-11404.	4.0	32
9	Incipient class II mixed valency in a plutonium solid-state compound. Nature Chemistry, 2017, 9, 856-861.	13.6	28
10	Chirality and Polarity in the fâ€Block Borates M₄[B₁₆O₂₆(OH)₄(H₂O)₃Cl₄] (M=Sm, Eu, Gd, Pu, Am, Cm, and Cf). Chemistry - A European Journal, 2014, 20, 9892-9896.	3.9	27
11	Further Evidence for the Stabilization of U(V) within a Tetraoxo Core. Inorganic Chemistry, 2014, 53, 5294-5299.	4.0	21
12	Covalency-Driven Dimerization of Plutonium(IV) in a Hydroxamate Complex. Inorganic Chemistry, 2016, 55, 5092-5094.	4.0	12
13	Hydrothermal synthesis of new rare earth silicate fluorides: A novel class of polar materials. Journal of Solid State Chemistry, 2012, 195, 155-160.	2.9	8
14	Synthesis and Spectroscopy of New Plutonium(III) and -(IV) Molybdates: Comparisons of Electronic Characteristics. Inorganic Chemistry, 2014, 53, 3148-3152.	4.0	8
15	Structural properties, thicknesses, and qualities of plutonium oxide thin films prepared by polymer assisted deposition. Surface Science, 2020, 701, 121696.	1.9	7
16	Hydrothermal Synthesis and Single Crystal Structures of New Thorium Fluorides: A3Ba2Th3F19 (AÂ=ÂNa,) Tj ETQq0 0 0 rgBT /Overlock	1.1	6
17	Relationships between experimental signatures and processing history for a variety of PuO2 materials. Journal of Nuclear Materials, 2019, 521, 155-160.	2.7	6
18	Origins of the odd optical observables in plutonium and americium tungstates. Chemical Science, 2019, 10, 6508-6518.	7.4	4

#	Article	IF	Citations
19	Xâ€ray diffraction, differential scanning calorimetry and evolved gas analysis of aged plutonium tetrafluoride (PuF4). Journal of Radioanalytical and Nuclear Chemistry, 2021, 329, 741-756.	1.5	2