

Jared T Stritzinger

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

664
citations

759233

12
h-index

794594

19
g-index

30
all docs

30
docs citations

30
times ranked

672
citing authors

#	ARTICLE	IF	CITATIONS
1	X-ray diffraction, differential scanning calorimetry and evolved gas analysis of aged plutonium tetrafluoride (PuF ₄). Journal of Radioanalytical and Nuclear Chemistry, 2021, 329, 741-756.	1.5	2
2	Structural properties, thicknesses, and qualities of plutonium oxide thin films prepared by polymer assisted deposition. Surface Science, 2020, 701, 121696.	1.9	7
3	Origins of the odd optical observables in plutonium and americium tungstates. Chemical Science, 2019, 10, 6508-6518.	7.4	4
4	Relationships between experimental signatures and processing history for a variety of PuO ₂ materials. Journal of Nuclear Materials, 2019, 521, 155-160.	2.7	6
5	Incipient class II mixed valency in a plutonium solid-state compound. Nature Chemistry, 2017, 9, 856-861.	13.6	28
6	Covalency-Driven Dimerization of Plutonium(IV) in a Hydroxamate Complex. Inorganic Chemistry, 2016, 55, 5092-5094.	4.0	12
7	Spontaneous Partitioning of Californium from Curium: Curious Cases from the Crystallization of Curium Coordination Complexes. Inorganic Chemistry, 2015, 54, 11399-11404.	4.0	32
8	Emergence of californium as the second transitional element in the actinide series. Nature Communications, 2015, 6, 6827.	12.8	108
9	Chirality and Polarity in the f-Block Borates M ₄ [B ₁₆ O ₂₆ (OH) ₄ (H ₂ O) ₃ Cl ₄] (M=Sm, Eu, Gd, Pu, Am, Cm, and Cf). Chemistry - A European Journal, 2014, 20, 9892-9896.	27	
10	Unusual structure, bonding and properties in a californium borate. Nature Chemistry, 2014, 6, 387-392.	13.6	110
11	Synthesis and Spectroscopy of New Plutonium(III) and -(IV) Molybdates: Comparisons of Electronic Characteristics. Inorganic Chemistry, 2014, 53, 3148-3152.	4.0	8
12	Further Evidence for the Stabilization of U(V) within a Tetraoxo Core. Inorganic Chemistry, 2014, 53, 5294-5299.	4.0	21
13	Th(VO ₃) ₂ (SeO ₃) and Ln(VO ₃) ₂ (IO ₃) (Ln = Ce, Pr, Nd, Sm, and Eu): unusual cases of aliovalent substitution. Chemical Communications, 2014, 50, 3668-3670.	4.1	42
14	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
15	Two Novel Acentric Borate Fluorides: M ₃ B ₆ O ₁₁ F ₂ (M) Tj ETQq1.1 0.784314 rgBT	4.0	92
16	Hydrothermal Synthesis and Single Crystal Structures of New Thorium Fluorides: A ₃ Ba ₂ Th ₃ F ₁₉ (A=Na), Tj ETQq0.0 0 rgBT /Overlock	1.1	6
17	Structure-Property Relationships in Lithium, Silver, and Cesium Uranyl Borates. Chemistry of Materials, 2010, 22, 5983-5991.	6.7	50
18	Crystal Chemistry of the Potassium and Rubidium Uranyl Borate Families Derived from Boric Acid Fluxes. Inorganic Chemistry, 2010, 49, 6690-6696.	4.0	48

#	ARTICLE	IF	CITATIONS
19	How are Centrosymmetric and Noncentrosymmetric Structures Achieved in Uranyl Borates?. Inorganic Chemistry, 2010, 49, 2948-2953.	4.0	53