Oliver Dieste Blanco

List of Publications by Year
in descending order

25	405	840776 11	752698 20
papers	citations	h-index	g-index

26	26	26	468
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Self-irradiation-induced disorder in (U238Pu)O2. MRS Advances, 2021, 6, 213.	0.9	3
2	Charge Distribution in U_{1â€“x}Ce_xO_{2+y} Nanoparticles. Inorganic Chemistry, 2021, 60, 14550-14556.	4.0	6
3	SUPERFACT: A Model Fuel for Studying the Evolution of the Microstructure of Spent Nuclear Fuel during Storage/Disposal. Materials, 2021, 14, 6538.	2.9	2
4	Melting behaviour of uranium-americium mixed oxides under different atmospheres. Journal of Chemical Thermodynamics, 2020, 140, 105896.	2.0	10
5	Probing the local structure of nanoscale actinide oxides: a comparison between PuO₂ and ThO₂ nanoparticles rules out PuO_{2+x} hypothesis. Nanoscale Advances, 2020, 2, 214-224.	4.6	33
6	Synthesis and characterization of nanocrystalline U1-Pu O2(+) mixed oxides. Materials Today Advances, 2020, 8, 100105.	5.2	12
7	Uranium Carbide Fibers with Nano-Grains as Starting Materials for ISOL Targets. Nanomaterials, 2020, 10, 2458.	4.1	3
8	Uraniumâ€“plutonium partitioning in aerosols produced from (U,Pu)O2 mixed oxide by laser heating. Journal of Aerosol Science, 2020, 148, 105588.	3.8	4
9	Synthesis, Characterization, and Stability of Americium Phosphate, AmPO₄. Inorganic Chemistry, 2020, 59, 6595-6602.	4.0	6
10	TEM-EELS analyses of protactinium. Materials Research Express, 2019, 6, 026307.	1.6	3
11	Plutonium and Americium Aluminate Perovskites. Inorganic Chemistry, 2019, 58, 9118-9126.	4.0	9
12	A low-temperature synthesis method for AnO₂ nanocrystals (An = Th, U, Np, and Pu) and associate solid solutions. CrystEngComm, 2018, 20, 4614-4622.	2.6	40
13	Insights into the sonochemical synthesis and properties of salt-free intrinsic plutonium colloids. Scientific Reports, 2017, 7, 43514.	3.3	42
14	Raman study of the oxidation in (U, Pu)O 2 as a function of Pu content. Journal of Nuclear Materials, 2017, 495, 484-491.	2.7	23
15	Structural investigations of (La,Pu)PO4 monazite solid solutions: XRD and XAFS study. Journal of Nuclear Materials, 2017, 493, 404-411.	2.7	24
16	Further insights into the chemistry of the Biâ€“Uâ€“O system. Dalton Transactions, 2016, 45, 7847-7855.	3.3	27
17	Innovative preparation route for uranium carbide using citric acid as a carbon source. Ceramics International, 2016, 42, 16710-16717.	4.8	16
18	Hydrothermal decomposition of actinide(IV) oxalates: a new aqueous route towards reactive actinide oxide nanocrystals. Open Chemistry, 2016, 14, 170-174.	1.9	35

#	Article	IF	Citations
19	TEM study of alpha-damaged plutonium and americium dioxides. Journal of Materials Research, 2015, 30, 1544-1554.	2.6	20
20	Low temperature decomposition of U(IV) and Th(IV) oxalates to nanograined oxide powders. Journal of Nuclear Materials, 2015, 460, 200-208.	2.7	66
21	Nonconventional Production of Glass Nanofibers by Laser Spinning. Journal of the American Ceramic Society, 2014, 97, 3116-3121.	3.8	7
22	Nanocomposites of silver nanoparticles embedded in glass nanofibres obtained by laser spinning. Nanoscale, 2013, 5, 3948.	5.6	9
23	Influence of the working conditions on nanofiber diameters obtained by laser spinning. Applied Physics A: Materials Science and Processing, 2011, 104, 1217-1222.	2.3	5
24	AnO2 Nanocrystals via Hydrothermal Decomposition of Actinide Oxalates. , 0, , .		0
25	Advancing the Production Routes of Nanosized Actinide Oxides Solid Solutions. , 0, , .		0