

Annika Carolin Maier

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Confirming the Formation of Hydroxyl Radicals in the Catalytic Decomposition of H_2O_2 on Metal Oxides Using Coumarin as a Probe. <i>ChemCatChem</i> , 2019, 11, 5435-5438.	1.8	31
2	The effect of dopants on the redox performance, microstructure and phase formation of ceria. <i>Journal of Power Sources</i> , 2015, 300, 261-271.	4.0	25
3	Low-Temperature Reducibility of $\text{M}_x\text{Ce}_{1-x}\text{O}_2$ (M =) Tj ETQq1.1 0.784314 rgB	1.5	20
4	On the change in UO_2 redox reactivity as a function of H_2O_2 exposure. <i>Dalton Transactions</i> , 2020, 49, 1241-1248.	1.6	17
5	Stability of Studtite in Aqueous Suspension: Impact of HCO_3^- and Ionizing Radiation on the Dynamics of Dissolution. <i>ACS Applied Energy Materials</i> , 2020, 3, 352-357.	2.5	12
6	Nonlinear Oxidation Behavior in Pure Ni and Ni-Containing Entropic Alloys. <i>Frontiers in Materials</i> , 2018, 5, .	1.2	9
7	Particle size effect of Ag-nanocatalysts deposited on carbon as prepared by $\hat{\text{I}}^3$ -radiation induced synthesis. <i>Radiation Physics and Chemistry</i> , 2020, 169, 108370.	1.4	7
8	Pd-Catalyzed Surface Reactions of Importance in Radiation Induced Dissolution of Spent Nuclear Fuel Involving H_2 . <i>ChemCatChem</i> , 2019, 11, 5108-5115.	1.8	3
9	Radiation induced dissolution of U_3Si_2 - A potential accident tolerant fuel. <i>Journal of Nuclear Materials</i> , 2019, 517, 263-267.	1.3	3
10	Solubility of $\text{Ca}(\text{II})$, $\text{Ni}(\text{II})$, $\text{Nd}(\text{III})$ and $\text{Pu}(\text{IV})$ in the presence of proxy ligands for the degradation of polyacrylonitrile in cementitious systems. <i>Dalton Transactions</i> , 2022, 51, 9432-9444.	1.6	3
11	Impact of H_2 and Consecutive H_2O_2 Exposures on the Oxidative Dissolution of $\text{U}_x\text{Gd}_{1-x}\text{O}_2$ Pellets Under Deep Repository Conditions for Spent Nuclear Fuel. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 1946-1950.	1.0	2
12	Solubilisation of Ni(II) and Eu(III) through complexation with a polyaryl ether based superplasticizer in alkaline media. <i>Chemosphere</i> , 2021, 263, 127686.	4.2	2