

Glenn A Fugate

List of Publications by Year in descending order

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papers

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1163117

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#	ARTICLE	IF	CITATIONS
1	Thermal impacts on nondestructive analysis measurements of uranium hexafluoride. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 330, 357-365.	1.5	0
2	UO ₂ F ₂ particulate formation in an impinging jet gas reactor. <i>Reaction Chemistry and Engineering</i> , 2021, 6, 1428-1447.	3.7	3
3	for U^{234} in UF ₆ hydrolysis. <i>Reaction Chemistry and Engineering</i> , 2020, 5, 1708-1718.	1.6	3
4	Kinetic investigation of the hydrolysis of uranium hexafluoride gas. <i>RSC Advances</i> , 2020, 10, 34729-34731.	3.6	9
5	Experimental and computational study of particle formation kinetics in UF ₆ hydrolysis. <i>Reaction Chemistry and Engineering</i> , 2020, 5, 1708-1718.	3.7	9
6	Applications of HPGe-detected high energy gamma rays toward quantifying neutron emission rates and ²³⁴ U enrichment in UF ₆ cylinders. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020, 972, 163912.	1.6	0
7	Comparison of gamma-ray spectral analysis methods for thick-walled UF ₆ cylinders. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020, 977, 164291.	1.6	1
8	Time behavior of the emission of 1274 keV gamma-rays from UF ₆ . <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 946, 162179.	1.6	0
9	Anion-exchange polymer filament coating for ultra-trace isotopic analysis of plutonium by thermal ionization mass spectrometry. <i>Talanta</i> , 2018, 189, 502-508.	5.5	6
10	Ambient aging of rhenium filaments used in thermal ionization mass spectrometry: Growth of oxo-rhenium crystallites and anti-aging strategies. <i>Heliyon</i> , 2017, 3, e00232.	3.2	4
11	Rhenium filament oxidation: Effect on TIMS performance and the roles of carburization and humidity. <i>Talanta</i> , 2017, 168, 183-187.	5.5	7
12	Anion-Exchange Fibers for Improved Sample Loading in Ultra-Trace Analysis of Plutonium by Thermal Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2017, 89, 8638-8642.	6.5	11
13	An alpha-gamma coincidence spectrometer based on the photon-electron rejecting alpha liquid scintillation (PERALS®) system. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015, 783, 22-27.	1.6	2
14	The novel analysis of uranyl compounds by electrospray-ion mobility-mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2013, 333, 21-26.	1.5	15
15	Synthesis and reactivity of acetylacetonate with amine ligands in fac-Re(OH) ₂ (CO) ₃ complexes. <i>Inorganic Chemistry Communication</i> , 2011, 14, 392-395.	3.9	5
16	Unusual reactivity of acetylacetonate with imidazole/histamine complexes and (M=Re, ^{99m} Tc). <i>Inorganica Chimica Acta</i> , 2011, 365, 356-362.	2.4	17
17	Synthesis and characterization of 2,5-bis(benzylthio)-1,3,4-thiadiazole complexes with fac-. <i>Inorganica Chimica Acta</i> , 2009, 362, 1289-1294.	2.4	8
18	Synthesis and Characterization of Nonsteroidal-Linked M(CO) ₃ (M = Tl, Et, Q, O, O, rg, BT, /Overlock, 10 Tf, 50, 6 Bioconjugate Chemistry, 2009, 20, 78-86.	3.6	33

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19	Metal-Assisted In Situ Formation of a Tridentate Acetylacetonone Ligand for Complexation of $\text{Re}(\text{CO})_3^+$ for Radiopharmaceutical Applications. <i>Inorganic Chemistry</i> , 2008, 47, 2240-2242.	4.0	34
20	Separation of Americium (III) and Lanthanide (III) Ions using TPEN Analogs. <i>Separation Science and Technology</i> , 2008, 43, 2619-2629.	2.5	6
21	Extraction of Soft Metals from Acidic Media with Nitrogen-Donor Ligand TPEN and its Analogs. <i>Separation Science and Technology</i> , 2008, 43, 2630-2640.	2.5	14
22	Applications of the Judd-Ofelt theory in lanthanide chelidamic acid complexation. <i>Molecular Physics</i> , 2003, 101, 935-939.	1.7	6
23	Kinetic Study of the Reactions of Np(V) and U(VI) with Diphosphonic Acids in Acetate Buffer Solutions. <i>Radiochimica Acta</i> , 1997, 79, 161-166.	1.2	11
24	Actinide Complexation Kinetics: Rate and Mechanism of Dioxoneptunium(V) Reaction with Chlorophosphonazo III. <i>Radiochimica Acta</i> , 1996, 73, 67-72.	1.2	6