

Bernard F Parker

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Selective Nickel-Catalyzed Hydrodefluorination of Amides Using Sodium Borohydride. <i>Journal of Organic Chemistry</i> , 2022, 87, 9969-9976.	1.7	4
2	Reactivity of terminal imido complexes of group 4–6 metals: Stoichiometric and catalytic reactions involving cycloaddition with unsaturated organic molecules. <i>Coordination Chemistry Reviews</i> , 2020, 407, 213118.	9.5	49
3	$\hat{\text{I}}\pm$ -Diimine-Niobium Complex-Catalyzed Deoxychlorination of Benzyl Ethers with Silicon Tetrachloride. <i>Inorganic Chemistry</i> , 2019, 58, 12825-12831.	1.9	5
4	Hydrodehalogenation of alkyl halides catalyzed by a trichloroniobium complex with a redox active $\hat{\text{I}}\pm$ -diimine ligand. <i>Chemical Communications</i> , 2019, 55, 7247-7250.	2.2	13
5	Siderophore-inspired chelator hijacks uranium from aqueous medium. <i>Nature Communications</i> , 2019, 10, 819.	5.8	84
6	Coordination of 2,2-(Trifluoroazanediy)bis(<i>N,N</i> -dimethylacetamide) with U(VI), Nd(III), and Np(V): A Thermodynamic and Structural Study. <i>Inorganic Chemistry</i> , 2019, 58, 15962-15970.	1.9	10
7	Interactions of vanadium(<i>IV</i>) with amidoxime ligands: redox reactivity. <i>Dalton Transactions</i> , 2018, 47, 5695-5702.	1.6	14
8	Thermodynamic, Structural, and Computational Investigation on the Complexation between UO_2^{2+} and Amine-Functionalized Diacetamide Ligands in Aqueous Solution. <i>Inorganic Chemistry</i> , 2018, 57, 2122-2131.	1.9	21
9	An overview and recent progress in the chemistry of uranium extraction from seawater. <i>Dalton Transactions</i> , 2018, 47, 639-644.	1.6	130
10	f-Block complexes of a <i>m</i> -terphenyl dithiocarboxylate ligand. <i>Dalton Transactions</i> , 2018, 47, 96-104.	1.6	12
11	V(IV) and V(V) Species Formed in Aqueous Solution by the Tridentate Glutaroimide-Dioxime Ligand: An Instrumental and Computational Characterization. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 1805-1816.	1.0	9
12	Solution Thermodynamics and Kinetics of Metal Complexation with a Hydroxypyridinone Chelator Designed for Thorium-227 Targeted Alpha Therapy. <i>Inorganic Chemistry</i> , 2018, 57, 14337-14346.	1.9	38
13	Complexation-assisted reduction: complexes of glutaroimide-dioxime with tetravalent actinides (Np(<i>IV</i>) and Th(<i>IV</i>)). <i>Dalton Transactions</i> , 2018, 47, 8134-8141.	1.6	17
14	Complexation of NpO_2^{2+} with Amine-Functionalized Diacetamide Ligands in Aqueous Solution: Thermodynamic, Structural, and Computational Studies. <i>Inorganic Chemistry</i> , 2018, 57, 6965-6972.	1.9	10
15	New supporting ligands in actinide chemistry: tetramethyltetraazaannulene complexes with thorium and uranium. <i>Dalton Transactions</i> , 2017, 46, 13768-13782.	1.6	26
16	Benzoquinonoid-bridged dinuclear actinide complexes. <i>Dalton Transactions</i> , 2017, 46, 11615-11625.	1.6	18
17	Thorium Metallacycle Facilitates Catalytic Alkyne Hydrophosphination. <i>Journal of the American Chemical Society</i> , 2017, 139, 12935-12938.	6.6	43
18	Kinetics of complexation of V(V), U(VI), and Fe(III) with glutaroimide-dioxime: studies by stopped-flow and conventional absorption spectroscopy. <i>Dalton Transactions</i> , 2017, 46, 11084-11096.	1.6	14

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19	Origin of the unusually strong and selective binding of vanadium by polyamidoximes in seawater. <i>Nature Communications</i> , 2017, 8, 1560.	5.8	110
20	A Homoleptic Uranium(III) Tris(aryl) Complex. <i>Journal of the American Chemical Society</i> , 2016, 138, 15865-15868.	6.6	32
21	Structural and spectroscopic studies of a rare non-oxido V(ν) complex crystallized from aqueous solution. <i>Chemical Science</i> , 2016, 7, 2775-2786.	3.7	47
22	A Peptoid-Based Combinatorial and Computational Approach to Developing Ligands for Uranyl Sequestration from Seawater. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 4187-4194.	1.8	22
23	ATRP of MMA with ppm Levels of Iron Catalyst. <i>Macromolecules</i> , 2011, 44, 4022-4025.	2.2	96