

# Bernard F Parker

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	An overview and recent progress in the chemistry of uranium extraction from seawater. Dalton Transactions, 2018, 47, 639-644.	1.6	130
2	Origin of the unusually strong and selective binding of vanadium by polyamidoximes in seawater. Nature Communications, 2017, 8, 1560.	5.8	110
3	ATRP of MMA with ppm Levels of Iron Catalyst. Macromolecules, 2011, 44, 4022-4025.	2.2	96
4	Siderophore-inspired chelator hijacks uranium from aqueous medium. Nature Communications, 2019, 10, 819.	5.8	84
5	Reactivity of terminal imido complexes of group 4-6 metals: Stoichiometric and catalytic reactions involving cycloaddition with unsaturated organic molecules. Coordination Chemistry Reviews, 2020, 407, 213118.	9.5	49
6	Structural and spectroscopic studies of a rare non-oxido V( $\nu$ ) complex crystallized from aqueous solution. Chemical Science, 2016, 7, 2775-2786.	3.7	47
7	Thorium Metallacycle Facilitates Catalytic Alkyne Hydrophosphination. Journal of the American Chemical Society, 2017, 139, 12935-12938.	6.6	43
8	Solution Thermodynamics and Kinetics of Metal Complexation with a Hydroxypyridinone Chelator Designed for Thorium-227 Targeted Alpha Therapy. Inorganic Chemistry, 2018, 57, 14337-14346.	1.9	38
9	A Homoleptic Uranium(III) Tris(aryl) Complex. Journal of the American Chemical Society, 2016, 138, 15865-15868.	6.6	32
10	New supporting ligands in actinide chemistry: tetramethyltetraazaannulene complexes with thorium and uranium. Dalton Transactions, 2017, 46, 13768-13782.	1.6	26
11	A Peptoid-Based Combinatorial and Computational Approach to Developing Ligands for Uranyl Sequestration from Seawater. Industrial & Engineering Chemistry Research, 2016, 55, 4187-4194.	1.8	22
12	Thermodynamic, Structural, and Computational Investigation on the Complexation between $UO_2^{2+}$ and Amine-Functionalized Diacetamide Ligands in Aqueous Solution. Inorganic Chemistry, 2018, 57, 2122-2131.	1.9	21
13	Benzoquinonoid-bridged dinuclear actinide complexes. Dalton Transactions, 2017, 46, 11615-11625.	1.6	18
14	Complexation-assisted reduction: complexes of glutarimide-dioxime with tetravalent actinides (Np( $\nu$ ) and Th( $\nu$ )). Dalton Transactions, 2018, 47, 8134-8141.	1.6	17
15	Kinetics of complexation of V( $\nu$ ), U( $\nu$ ), and Fe( $\text{iii}$ ) with glutarimide-dioxime: studies by stopped-flow and conventional absorption spectroscopy. Dalton Transactions, 2017, 46, 11084-11096.	1.6	14
16	Interactions of vanadium( $\nu$ ) with amidoxime ligands: redox reactivity. Dalton Transactions, 2018, 47, 5695-5702.	1.6	14
17	Hydrodehalogenation of alkyl halides catalyzed by a trichloroniobium complex with a redox active $\beta$ -diimine ligand. Chemical Communications, 2019, 55, 7247-7250.	2.2	13
18	f-Block complexes of a <i>m</i> -terphenyl dithiocarboxylate ligand. Dalton Transactions, 2018, 47, 96-104.	1.6	12

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19	Complexation of $\text{NpO}_2^+$ with Amine-Functionalized Diacetamide Ligands in Aqueous Solution: Thermodynamic, Structural, and Computational Studies. <i>Inorganic Chemistry</i> , 2018, 57, 6965-6972.	1.9	10
20	Coordination of 2,2-bis-(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
21	V(IV)O and V(IV) Species Formed in Aqueous Solution by the Tridentate Glutarimide-Dioxime Ligand: An Instrumental and Computational Characterization. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 1805-1816.	1.0	9
22	$\beta$ -Diimine-Niobium Complex-Catalyzed Deoxychlorination of Benzyl Ethers with Silicon Tetrachloride. <i>Inorganic Chemistry</i> , 2019, 58, 12825-12831.	1.9	5
23	Selective Nickel-Catalyzed Hydrodefluorination of Amides Using Sodium Borohydride. <i>Journal of Organic Chemistry</i> , 2022, 87, 9969-9976.	1.7	4