

# Jeremy Brandel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9432343/publications.pdf>

Version: 2024-02-01

19  
papers

435  
citations

1040056

9  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

859  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pyochelin, a siderophore of <i>Pseudomonas aeruginosa</i> : Physicochemical characterization of the iron(III), copper(II) and zinc(II) complexes. <i>Dalton Transactions</i> , 2012, 41, 2820.	3.3	180
2	Remarkable Mg <sup>2+</sup> -selective emission of an azacrown receptor based on Ir(III) complex. <i>Chemical Communications</i> , 2010, 46, 3958.	4.1	48
3	Metal-Organic Self-Assembled Trefoil Knots for C-Br Bond Activation. <i>ACS Catalysis</i> , 2019, 9, 1907-1914.	11.2	30
4	Kinetically Inert Bispidol-Based Cu(II) Chelate for Potential Application to <sup>64/67</sup> Cu Nuclear Medicine and Diagnosis. <i>Inorganic Chemistry</i> , 2015, 54, 4431-4444.	4.0	27
5	Sequential Delivery of Doxorubicin and Zoledronic Acid to Breast Cancer Cells by CB[7]-Modified Iron Oxide Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 40006-40016.	8.0	26
6	Design and evaluation of bi-functional iron chelators for protection of dopaminergic neurons from toxicants. <i>Archives of Toxicology</i> , 2020, 94, 3105-3123.	4.2	24
7	A Bispidol Chelator with a Phosphonate Pendant Arm: Synthesis, Cu(II) Complexation, and <sup>64</sup> Cu Labeling. <i>Inorganic Chemistry</i> , 2017, 56, 11738-11752.	4.0	22
8	The influence of linkages between 1-hydroxy-2(1H)-pyridinone coordinating groups and a tris(2-aminoethyl)amine core in a novel series of synthetic hexadentate iron(III) chelators on antimicrobial activity. <i>Bioorganic Chemistry</i> , 2020, 95, 103465.	4.1	11
9	Vesicles to Concentrate Iron in Low-Iron Media: An Attempt to Mimic Marine Siderophores. <i>Chemistry - A European Journal</i> , 2008, 14, 3680-3686.	3.3	10
10	Molecular Tools for the Self-Assembly of Bisporphyrin Photodyads: A Comprehensive Physicochemical and Photophysical Study. <i>Inorganic Chemistry</i> , 2009, 48, 3743-3754.	4.0	10
11	Recognition of Imidazoles by Strapped Zinc(II) Porphyrin Receptors: Insight into the Induced-Fit Mechanism. <i>Inorganic Chemistry</i> , 2007, 46, 9534-9536.	4.0	9
12	Tetraphosphonated thiophene ligand: mixing the soft and the hard. <i>Dalton Transactions</i> , 2014, 43, 9070-9080.	3.3	8
13	Novel 1-hydroxypyridin-2-one metal chelators prevent and rescue ubiquitin proteasomal-related neuronal injury in an in vitro model of Parkinson's disease. <i>Archives of Toxicology</i> , 2020, 94, 813-831.	4.2	8
14	Glycosiderophores: Synthesis of tris-hydroxamate siderophores based on a galactose or glycerol central scaffold, Fe(III) complexation studies. <i>Journal of Inorganic Biochemistry</i> , 2012, 112, 59-67.	3.5	7
15	Structural and Thermodynamics Studies on Polyaminophosphonate Ligands for Uranyl Decorporation. <i>Inorganic Chemistry</i> , 2021, 60, 2149-2159.	4.0	7
16	Polyazulene-Based Materials for Heavy Metal Ion Detection. 3. (E)-5-((6-t-Butyl-4,8-dimethylazulen-1-yl)) Tj ETQq0 0,0,rgBT /Oyverlock 10	2.2	3
17	Synthesis, physicochemical characterization and neuroprotective evaluation of novel 1-hydroxypyrazin-2(1H)-one iron chelators in an in vitro cell model of Parkinson's disease. <i>Dalton Transactions</i> , 2022, , .	3.3	3
18	From Molecular to Nanostructured Iron Complexes of Amphiphilic Chelators Based on 8-Hydroxyquinoline Subunits - Evidence of Self-Assembled Edifices Mimicking Siderophores from Marine Bacteria. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 86-92.	2.0	2

#	ARTICLE	IF	CITATIONS
19	1-Hydroxy-2(1H)-pyridinone-Based Chelators with Potential Catechol O-Methyl Transferase Inhibition and Neurorescue Dual Action against Parkinson's Disease. <i>Molecules</i> , 2022, 27, 2816.	3.8	0