

Robert J Radford

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,135
citations

516710

16
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

2037
citing authors

#	ARTICLE	IF	CITATIONS
1	Tunable helicity, stability and DNA-binding properties of short peptides with hybrid metal coordination motifs. <i>Chemical Science</i> , 2016, 7, 5453-5461.	7.4	9
2	Reaction-Based Probes for Imaging Mobile Zinc in Live Cells and Tissues. <i>ACS Sensors</i> , 2016, 1, 32-39.	7.8	69
3	Modulation of extrasynaptic NMDA receptors by synaptic and tonic zinc. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2705-14.	7.1	109
4	Peptide-Based, Two-Fluorophore, Ratiometric Probe for Quantifying Mobile Zinc in Biological Solutions. <i>ACS Chemical Biology</i> , 2015, 10, 385-389.	3.4	24
5	Solid-phase synthesis provides a modular, lysine-based platform for fluorescent discrimination of nitroxyl and biological thiols. <i>Chemical Science</i> , 2015, 6, 4131-4140.	7.4	32
6	Reaction-based fluorescent sensor for investigating mobile Zn ²⁺ in mitochondria of healthy versus cancerous prostate cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 143-148.	7.1	149
7	Peptide targeting of fluorescein-based sensors to discrete intracellular locales. <i>Chemical Science</i> , 2014, 5, 4512-4516.	7.4	21
8	Addition of a Second Binding Site Increases the Dynamic Range but Alters the Cellular Localization of a Red Fluorescent Probe for Mobile Zinc. <i>Inorganic Chemistry</i> , 2014, 53, 6491-6493.	4.0	25
9	Functional, metal-based crosslinkers for α -helix induction in short peptides. <i>Chemical Science</i> , 2013, 4, 3740.	7.4	22
10	Targeting Mitochondrial DNA with a Platinum-Based Anticancer Agent. <i>Chemistry and Biology</i> , 2013, 20, 1323-1328.	6.0	159
11	Chelators for investigating zinc metalloneurochemistry. <i>Current Opinion in Chemical Biology</i> , 2013, 17, 129-136.	6.1	72
12	Peptide-based targeting of fluorescent zinc sensors to the plasma membrane of live cells. <i>Chemical Science</i> , 2013, 4, 3080.	7.4	47
13	Porous protein frameworks with unsaturated metal centers in sterically encumbered coordination sites. <i>Chemical Communications</i> , 2011, 47, 313-315.	4.1	33
14	Metal-Directed Protein Self-Assembly. <i>Accounts of Chemical Research</i> , 2010, 43, 661-672.	15.6	243
15	Controlled Protein Dimerization through Hybrid Coordination Motifs. <i>Inorganic Chemistry</i> , 2010, 49, 4362-4369.	4.0	27
16	Modular and Versatile Hybrid Coordination Motifs on α -Helical Protein Surfaces. <i>Inorganic Chemistry</i> , 2010, 49, 7106-7115.	4.0	21
17	Photochemical cleavage of nitrate ion coordinated to a Cr(III) porphyrin. <i>Journal of Coordination Chemistry</i> , 2010, 63, 2743-2749.	2.2	9
18	A Superprotein Triangle Driven by Nickel(II) Coordination: Exploiting Non-Natural Metal Ligands in Protein Self-Assembly. <i>Journal of the American Chemical Society</i> , 2009, 131, 9136-9137.	13.7	64