

Joseph A Treadway

List of Publications by Year in descending order

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13
papers

3,505
citations

759233

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1125743

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docs citations

13
times ranked

4479
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunofluorescent labeling of cancer marker Her2 and other cellular targets with semiconductor quantum dots. <i>Nature Biotechnology</i> , 2003, 21, 41-46.	17.5	2,422
2	Multiplexed SNP genotyping using the Qbead™ system: a quantum dot-encoded microsphere-based assay. <i>Nucleic Acids Research</i> , 2003, 31, 43e-43.	14.5	250
3	Effect of Delocalization and Rigidity in the Acceptor Ligand on MLCT Excited-State Decay. <i>Inorganic Chemistry</i> , 1996, 35, 2242-2246.	4.0	229
4	Black MLCT Absorbers. <i>Inorganic Chemistry</i> , 1994, 33, 3863-3864.	4.0	123
5	Manipulating the properties of MLCT excited states. <i>Dalton Transactions RSC</i> , 2002, , 3820.	2.3	99
6	Mid-Infrared Spectrum of [Ru(bpy) ₃] ²⁺ . <i>Journal of the American Chemical Society</i> , 1997, 119, 7013-7018.	13.7	88
7	Mapping Electron Transfer Pathways in a Chromophore-Quencher Triad. <i>Journal of Physical Chemistry A</i> , 1997, 101, 6824-6826.	2.5	69
8	Ruthenium(II) MLCT Excited States. Stabilization toward Ligand Loss in Rigid Media. <i>Inorganic Chemistry</i> , 1998, 37, 2616-2617.	4.0	61
9	Long-Lived Near-Infrared MLCT Emitters. <i>Inorganic Chemistry</i> , 2001, 40, 4508-4509.	4.0	57
10	Excited-State Electronic Structure in Polypyridyl Complexes Containing Unsymmetrical Ligands. <i>Inorganic Chemistry</i> , 1999, 38, 951-956.	4.0	42
11	Preparation of Coordinatively Asymmetrical Ruthenium(II) Polypyridine Complexes. <i>Inorganic Chemistry</i> , 1999, 38, 2267-2278.	4.0	34
12	Mid-Infrared Spectrum of [Ru(phen) ₃] ²⁺ . <i>Inorganic Chemistry</i> , 1998, 37, 3505-3508.	4.0	26
13	Step-Scan Fourier Transform Infrared Absorption Difference Time-Resolved Spectroscopy Studies of Excited State Decay Kinetics and Electronic Structure of Low-Spin d ⁶ Transition Metal Polypyridine Complexes With 10 Nanosecond Time Resolution. <i>Laser Chemistry</i> , 1999, 19, 291-298.	0.5	5