

Brenden Carlson

List of Publications by Year in descending order

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Divalent Osmium Complexes: Synthesis, Characterization, Strong Red Phosphorescence, and Electrophosphorescence. <i>Journal of the American Chemical Society</i> , 2002, 124, 14162-14172.	13.7	218
2	Europium beta-diketonate temperature sensors: Effects of ligands, matrix, and concentration. <i>Review of Scientific Instruments</i> , 2004, 75, 192-206.	1.3	145
3	Ideality of pressure-sensitive paint. I. Platinum tetra(pentafluorophenyl)porphine in fluoroacrylic polymer. <i>Journal of Applied Polymer Science</i> , 2000, 77, 2795-2804.	2.6	121
4	Site-Isolated Electro-optic Chromophores Based on Substituted 2,2'-Bis(3,4-propylenedioxythiophene) π -Conjugated Bridges. <i>Chemistry of Materials</i> , 2008, 20, 3425-3434.	6.7	93
5	Bright red-emitting electrophosphorescent device using osmium complex as a triplet emitter. <i>Applied Physics Letters</i> , 2003, 83, 776-778.	3.3	91
6	Red electrophosphorescence from osmium complexes. <i>Applied Physics Letters</i> , 2002, 80, 713-715.	3.3	73
7	Red-emitting electroluminescent devices based on osmium-complexes-doped blend of poly(vinyl naphthalene) and 1,3,4-oxadiazole derivative. <i>Applied Physics Letters</i> , 2002, 81, 3125-3127.	3.3	61
8	Barometric Sensitive Coatings Based upon Osmium Complexes Dissolved in a Fluoroacrylic Polymer. <i>Analytical Chemistry</i> , 2009, 81, 262-267.	6.5	11
9	Complexes of Osmium with the 2-[(Diphenylphosphanyl)-methyl]-pyridine Ligand. <i>Journal of Physical Chemistry C</i> , 2008, 112, 7858-7865.	3.1	9
10	Organometallic osmium and iridium complexes as phosphorescent dye in barometric sensitive coatings. <i>Sensors and Actuators B: Chemical</i> , 2010, 145, 278-284.	7.8	8
11	Novel europium and osmium complexes for pure red light emitting diode applications. <i>Macromolecular Symposia</i> , 2002, 186, 171-176.	0.7	7
12	Properties and structure of two fluorinated 1,10-phenanthrolines. <i>Journal of Fluorine Chemistry</i> , 2015, 173, 63-68.	1.7	4
13	Novel Divalent Osmium Complexes: Synthesis, Characterization, Tuning of Emission, and use in Organic Light Emitting Diodes. <i>Materials Research Society Symposia Proceedings</i> , 2003, 771, 10341.	0.1	2
14	Pressure Sensing Paints Based on Fluoroacrylic Polymers Doped with Phosphorescent Divalent Osmium Complexes. <i>ACS Symposium Series</i> , 2007, , 107-118.	0.5	0
15	Structure and Phase Transition of 4,7-Bis-(4'-cyano-biphenyl-4-yl)-[1, 10]phenanthroline. <i>Journal of Chemical Crystallography</i> , 2015, 45, 453-460.	1.1	0