

Carsten Rothe

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10439085/publications.pdf>

Version: 2024-02-01

16
papers

1,210
citations

623734

14
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

1586
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbazole Compounds as Host Materials for Triplet Emitters in Organic Light-Emitting Diodes: Polymer Hosts for High-Efficiency Light-Emitting Diodes. <i>Journal of the American Chemical Society</i> , 2004, 126, 7718-7727.	13.7	416
2	Triplet exciton migration in a conjugated polyfluorene. <i>Physical Review B</i> , 2003, 68, .	3.2	148
3	Ionic Iridium(III) Complexes with Bulky Side Groups for Use in Light Emitting Cells: Reduction of Concentration Quenching. <i>Advanced Functional Materials</i> , 2009, 19, 2038-2044.	14.9	136
4	Cationic Bis-cyclometallated Iridium(III) Phenanthroline Complexes with Pendant Fluorenyl Substituents: Synthesis, Redox, Photophysical Properties and Light-Emitting Cells. <i>Chemistry - A European Journal</i> , 2008, 14, 933-943.	3.3	105
5	Exceptionally efficient organic light emitting devices using high refractive index substrates. <i>Optics Express</i> , 2009, 17, 7562.	3.4	102
6	Dynamics and trap-depth distribution of triplet excited states in thin films of the light-emitting polymer poly(9,9-di(ethylhexyl)fluorene). <i>Physical Review B</i> , 2002, 65, .	3.2	50
7	Long-range resonantly enhanced triplet formation in luminescent polymers doped with iridium complexes. <i>Nature Materials</i> , 2006, 5, 463-466.	27.5	40
8	Polyfluorene Photophysics. , 2008, , 187-225.		39
9	The Complex Excited-state Behavior of a Polyspirobifluorene Derivative: The Role of Spiroconjugation and Mixed Charge Transfer Character on Excited-state Stabilization and Radiative Lifetime. <i>Journal of Physical Chemistry B</i> , 2008, 112, 16300-16306.	2.6	33
10	Regarding the origin of the delayed fluorescence of conjugated polymers. <i>Journal of Chemical Physics</i> , 2005, 123, 244904.	3.0	31
11	A Tris-Cyclometalated Iridium(III) Complex of 2-(5,5-Dioxido-dibenzothiophen-3-yl)pyridine: Synthesis, Structural, Redox and Photophysical Properties. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 4808-4814.	2.0	25
12	Spectroscopic investigation of the different long-lived photoexcitations in a polythiophene. <i>Journal of Chemical Physics</i> , 2002, 116, 10503-10507.	3.0	22
13	Triplet build in and decay of isolated polyspirobifluorene chains in dilute solution. <i>Journal of Chemical Physics</i> , 2004, 121, 10803-10808.	3.0	18
14	Size and shape-dependent electron-hole relaxation dynamics in CdS nanocrystals. <i>Optical Materials</i> , 2007, 29, 1310-1320.	3.6	16
15	Singlet Generation Yields in Organic Light-Emitting Diodes. <i>Proceedings of the IEEE</i> , 2009, 97, 1597-1605.	21.3	16
16	51.2: Outcoupling Enhancement Mechanism Investigation on Highly Efficient PIN OLEDs using Crystallizing Evaporation Processed Organic Outcoupling Layers. <i>Digest of Technical Papers SID International Symposium</i> , 2012, 43, 687-690.	0.3	13