

Gregor Schwartz

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

4,985
citations

687220

13
h-index

794469

19
g-index

22
all docs

22
docs citations

22
times ranked

5037
citing authors

#	ARTICLE	IF	CITATIONS
1	White organic light-emitting diodes with fluorescent tube efficiency. <i>Nature</i> , 2009, 459, 234-238.	13.7	3,172
2	Triplet Harvesting in Hybrid White Organic Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2009, 19, 1319-1333.	7.8	430
3	Efficient Organic Tandem Solar Cells based on Small Molecules. <i>Advanced Functional Materials</i> , 2011, 21, 3019-3028.	7.8	216
4	Highly efficient white organic light emitting diodes comprising an interlayer to separate fluorescent and phosphorescent regions. <i>Applied Physics Letters</i> , 2006, 89, 083509.	1.5	215
5	Influence of charge balance and exciton distribution on efficiency and lifetime of phosphorescent organic light-emitting devices. <i>Journal of Applied Physics</i> , 2008, 104, .	1.1	212
6	Reduced efficiency roll-off in high-efficiency hybrid white organic light-emitting diodes. <i>Applied Physics Letters</i> , 2008, 92, 053311.	1.5	138
7	An inter-laboratory stability study of roll-to-roll coated flexible polymer solar modules. <i>Solar Energy Materials and Solar Cells</i> , 2011, 95, 1398-1416.	3.0	132
8	Reduced efficiency roll-off in phosphorescent organic light emitting diodes by suppression of triplet-triplet annihilation. <i>Applied Physics Letters</i> , 2007, 91, .	1.5	131
9	Highly phosphorescent organic mixed films: The effect of aggregation on triplet-triplet annihilation. <i>Applied Physics Letters</i> , 2009, 94, 163305.	1.5	101
10	Balanced ambipolar charge carrier mobility in mixed layers for application in hybrid white organic light-emitting diodes. <i>Applied Physics Letters</i> , 2008, 93, 073304.	1.5	71
11	Combination of a polyaniline anode and doped charge transport layers for high-efficiency organic light emitting diodes. <i>Journal of Applied Physics</i> , 2007, 101, 124509.	1.1	60
12	Direct observation of host-guest triplet-triplet annihilation in phosphorescent solid mixed films. <i>Physica Status Solidi - Rapid Research Letters</i> , 2009, 3, 67-69.	1.2	31
13	36 th Invited Paper: 2 nd Generation Organics: High Power Efficiency, Ultra Long Life, and Low-Cost OLED Devices. <i>Digest of Technical Papers SID International Symposium</i> , 2007, 38, 1282-1285.	0.1	16
14	Ultrafast Breathinglike Oscillation in the Exciton Density of ZnSe Quantum Wells. <i>Physical Review Letters</i> , 2005, 94, 137402.	2.9	13
15	High-efficiency white organic-light-emitting diodes combining fluorescent and phosphorescent emitter systems. , 2006, , .		11
16	Efficiency and lifetime enhancement of phosphorescent organic devices. <i>Proceedings of SPIE</i> , 2008, , .	0.8	11
17	Efficient and long-term stable organic vacuum deposited tandem solar cells. <i>Proceedings of SPIE</i> , 2010, , .	0.8	6
18	Novel concepts for OLED lighting. <i>Proceedings of SPIE</i> , 2010, , .	0.8	5

#	ARTICLE	IF	CITATIONS
19	Luminous power efficiency optimization of a white organic light-emitting diode by tuning its spectrum and its extraction efficiency. <i>Applied Optics</i> , 2008, 47, 1947.	2.1	4
20	White Organic Light-Emitting Diodes with Fluorescent Tube Efficiency. <i>Materials Research Society Symposia Proceedings</i> , 2009, 1212, 1.	0.1	4
21	Harvesting triplet excitons from fluorescent blue emitters for high-efficiency white organic light emitting diodes. , 2007, , .		3
22	Optimization of organic tandem solar cells based on small molecules. , 2010, , .		3