

# Gregor Schwartz

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

4,985  
citations

686830

13  
h-index

794141

19  
g-index

22  
all docs

22  
docs citations

22  
times ranked

5037  
citing authors

#	ARTICLE	IF	CITATIONS
1	An inter-laboratory stability study of roll-to-roll coated flexible polymer solar modules. Solar Energy Materials and Solar Cells, 2011, 95, 1398-1416.	3.0	132
2	Efficient Organic Tandem Solar Cells based on Small Molecules. Advanced Functional Materials, 2011, 21, 3019-3028.	7.8	216
3	Novel concepts for OLED lighting. Proceedings of SPIE, 2010, , .	0.8	5
4	Efficient and long-term stable organic vacuum deposited tandem solar cells. Proceedings of SPIE, 2010, , .	0.8	6
5	Optimization of organic tandem solar cells based on small molecules. , 2010, , .		3
6	Highly phosphorescent organic mixed films: The effect of aggregation on triplet-triplet annihilation. Applied Physics Letters, 2009, 94, 163305.	1.5	101
7	White Organic Light-Emitting Diodes with Fluorescent Tube Efficiency. Materials Research Society Symposia Proceedings, 2009, 1212, 1.	0.1	4
8	Triplet Harvesting in Hybrid White Organic Light-Emitting Diodes. Advanced Functional Materials, 2009, 19, 1319-1333.	7.8	430
9	Direct observation of host-guest triplet-triplet annihilation in phosphorescent solid mixed films. Physica Status Solidi - Rapid Research Letters, 2009, 3, 67-69.	1.2	31
10	White organic light-emitting diodes with fluorescent tube efficiency. Nature, 2009, 459, 234-238.	13.7	3,172
11	Efficiency and lifetime enhancement of phosphorescent organic devices. Proceedings of SPIE, 2008, , .	0.8	11
12	Influence of charge balance and exciton distribution on efficiency and lifetime of phosphorescent organic light-emitting devices. Journal of Applied Physics, 2008, 104, .	1.1	212
13	Luminous power efficiency optimization of a white organic light-emitting diode by tuning its spectrum and its extraction efficiency. Applied Optics, 2008, 47, 1947.	2.1	4
14	Reduced efficiency roll-off in high-efficiency hybrid white organic light-emitting diodes. Applied Physics Letters, 2008, 92, 053311.	1.5	138
15	Balanced ambipolar charge carrier mobility in mixed layers for application in hybrid white organic light-emitting diodes. Applied Physics Letters, 2008, 93, 073304.	1.5	71
16	Harvesting triplet excitons from fluorescent blue emitters for high-efficiency white organic light emitting diodes. , 2007, , .		3
17	Reduced efficiency roll-off in phosphorescent organic light emitting diodes by suppression of triplet-triplet annihilation. Applied Physics Letters, 2007, 91, .	1.5	131
18	36 <sup>th</sup> Invited Paper: 2 <sup>nd</sup> Generation Organics: High Power Efficiency, Ultra Long Life, and Low-Cost OLED Devices. Digest of Technical Papers SID International Symposium, 2007, 38, 1282-1285.	0.1	16

#	ARTICLE	IF	CITATIONS
19	Combination of a polyaniline anode and doped charge transport layers for high-efficiency organic light emitting diodes. Journal of Applied Physics, 2007, 101, 124509.	1.1	60
20	Highly efficient white organic light emitting diodes comprising an interlayer to separate fluorescent and phosphorescent regions. Applied Physics Letters, 2006, 89, 083509.	1.5	215
21	High-efficiency white organic-light-emitting diodes combining fluorescent and phosphorescent emitter systems. , 2006, , .		11
22	Ultrafast Breathinglike Oscillation in the Exciton Density of ZnSe Quantum Wells. Physical Review Letters, 2005, 94, 137402.	2.9	13