

Christian May

List of Publications by Year in descending order

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29
papers

1,805
citations

687363

13
h-index

713466

21
g-index

29
all docs

29
docs citations

29
times ranked

3387
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Conductive PEDOT:PSS Electrode with Optimized Solvent and Thermal Post-Treatment for ITO-Free Organic Solar Cells. <i>Advanced Functional Materials</i> , 2011, 21, 1076-1081.	14.9	1,218
2	ITO coating by reactive magnetron sputtering—comparison of properties from DC and MF processing. <i>Thin Solid Films</i> , 1999, 351, 48-52.	1.8	121
3	Organic solar cells on indium tin oxide and aluminum doped zinc oxide anodes. <i>Applied Physics Letters</i> , 2007, 91, .	3.3	105
4	OLED manufacturing for large area lighting applications. <i>Thin Solid Films</i> , 2010, 518, 3042-3045.	1.8	97
5	Origin of damages in OLED from Al top electrode deposition by DC magnetron sputtering. <i>Organic Electronics</i> , 2010, 11, 322-331.	2.6	42
6	Deposition of TCO films by reactive magnetron sputtering from metallic Zn:Al alloy targets. <i>Surface and Coatings Technology</i> , 2003, 169-170, 512-516.	4.8	27
7	Optical investigations in a PEM controlled reactive magnetron sputter process for aluminium doped zinc oxide layers using metallic alloy targets. <i>Surface and Coatings Technology</i> , 2003, 174-175, 222-228.	4.8	26
8	Development of new transparent conductors and device applications utilizing a multidisciplinary approach. <i>Thin Solid Films</i> , 2010, 518, 3109-3114.	1.8	24
9	Highly efficient p-i-n-type organic light emitting diodes on ZnO:Al substrates. <i>Applied Physics Letters</i> , 2007, 91, 063510.	3.3	23
10	Low ohm large area ITO coating by reactive magnetron sputtering in DC and MF mode. <i>Vacuum</i> , 2000, 59, 500-505.	3.5	21
11	In-line deposition of organic light-emitting devices for large area applications. <i>Thin Solid Films</i> , 2008, 516, 4609-4612.	1.8	18
12	OLED Manufacturing on Flexible Substrates Towards Roll-to-Roll. <i>MRS Advances</i> , 2019, 4, 1367-1375.	0.9	18
13	Roll-to-roll fabrication of highly transparent Ca:Ag top-electrode towards flexible large-area OLED lighting application. <i>Flexible and Printed Electronics</i> , 2021, 6, 035001.	2.7	16
14	Al Top Cathode Deposition on OLED Using DC Magnetron Sputtering. <i>Plasma Processes and Polymers</i> , 2009, 6, S808.	3.0	10
15	Plastic bending of thin beryllium blades for neutron monochromators. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995, 357, 511-518.	1.6	8
16	19.4: Large Area p-i-n Type OLEDs for Lighting. <i>Digest of Technical Papers SID International Symposium</i> , 2007, 38, 1030-1033.	0.3	6
17	Second generation OLED devices and systems: inline evaporation, highly efficient OLED devices, and novel driver/controller ASICs. , 2005, , .		5
18	Power electronics in railway lighting systems. , 2010, , .		5

#	ARTICLE	IF	CITATIONS
19	Present Status of Roll-to-Roll OLED Fabrication and Encapsulation. Journal of the Japan Society of Colour Material, 2013, 86, 461-465.	0.1	5
20	Integrated X-ray substructure analysis of plastically deformed beryllium single crystals. Nuovo Cimento Della Società Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1997, 19, 591-598.	0.4	2
21	High efficient pin orange organic light emitting diode fabrication with novel Al cathode using DC magnetron sputtering. Proceedings of SPIE, 2008, , .	0.8	2
22	In-line deposition of high-efficiency p-i-n organic light-emitting devices. , 2006, , .		1
23	Integration of high-efficiency PIN organic light-emitting devices in lighting and optoelectronic applications. , 2007, , .		1
24	Transparente leitfähige Elektroden. Vakuum in Forschung Und Praxis, 2012, 24, 24-31.	0.1	1
25	Invited Paper: OLED Lighting Design and Roll-to-Roll Manufacturing. Digest of Technical Papers SID International Symposium, 2020, 51, 90-92.	0.3	1
26	Flexible OLED lighting and signage for automotive application. , 2021, , .		1
27	Fabrication technologies for flexible OLED lighting modules. , 2016, , .		1
28	Plastically deformed beryllium blades for neutron monochromator construction. Physica B: Condensed Matter, 1997, 234-236, 1055-1057.	2.7	0
29	Computer-aided analysis of grain growth in metals. European Physical Journal Special Topics, 1993, 03, C7-1241-C7-1244.	0.2	0