

# Lanlan Yang

## List of Publications by Year in descending order

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27  
papers

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citations

1307366

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1125617

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docs citations

27  
times ranked

271  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive Analysis of Electrical Parameters Degradations for SiC Power MOSFETs Under Repetitive Short-Circuit Stress. IEEE Transactions on Electron Devices, 2018, 65, 5440-5447.	1.6	42
2	Investigations on the Degradations of Double-Trench SiC Power MOSFETs Under Repetitive Avalanche Stress. IEEE Transactions on Electron Devices, 2019, 66, 546-552.	1.6	38
3	A Two-Stage Buck-Boost Integrated LLC Converter With Extended ZVS Range and Reduced Conduction Loss for High-Frequency and High-Efficiency Applications. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 727-743.	3.7	28
4	Theoretical investigation of the electronic structure and optical properties of zinc-doped magnesium oxide. Journal of Computational Electronics, 2016, 15, 1521-1530.	1.3	20
5	Electrically Tunable Gap Surface Plasmon-based Metasurface for Visible Light. Scientific Reports, 2017, 7, 14078.	1.6	18
6	Plasma discharge efficiency increase by using a small bandgap protective layer material-first-principles study for Mg <sub>1-x</sub> Zn <sub>x</sub> O. Journal of Applied Physics, 2011, 109, 093307.	1.1	7
7	Field-Circuit Co-Simulation Method for Electrostatic Discharge Investigation in Electronic Products. IEEE Access, 2021, 9, 33512-33521.	2.6	7
8	Influence of the ambient illuminance on the subjective brightness measurements. Journal of the Society for Information Display, 2019, 27, 127-137.	0.8	5
9	Design and Simulation of Active Frequency-selective Metasurface for Full-colour Plasmonic Display. Scientific Reports, 2018, 8, 11778.	1.6	4
10	17.3: First-Principles Study on Secondary Electron Emission of MgO (200) and (111) Surfaces. Digest of Technical Papers SID International Symposium, 2014, 45, 212-214.	0.1	3
11	Deep-UV exciton emission from Mg <sub>1-x</sub> Ca <sub>x</sub> O: A first-principle investigation. Journal of the Society for Information Display, 2014, 22, 564-571.	0.8	2
12	The impact of ambient illumination on visual fatigue while watching TV. , 2015, , .		2
13	P-83: A First Principles Study in Ca <sub>x</sub> Mg <sub>1-x</sub> O Protective Layer for Plasma Display Panels. Digest of Technical Papers SID International Symposium, 2010, 41, 1558-1560.	0.1	1
14	Simulation studies of the dielectric layer effect on the discharge characteristics of the shadow mask plasma display panel. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2011, 29, 04E105.	0.6	1
15	P-145: Influence of Crystal Structure of Doped MgO on Jitter Time in SM-PDP. Digest of Technical Papers SID International Symposium, 2008, 39, 1753.	0.1	0
16	P-89: Influence of Sustaining Frequency on the Discharge of Shadow Mask PDP. Digest of Technical Papers SID International Symposium, 2010, 41, 1580.	0.1	0
17	58.4: Improvement of Luminous Efficacy of Shadow Mask Plasma Display Panel. Digest of Technical Papers SID International Symposium, 2011, 42, 858-861.	0.1	0
18	Theoretical analysis for different PDP protective layer materials. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
19	13.3: Firstâ€principles Study of Secondary Electron Emission of Modified MgO Surfaces in Plasma Displays. Digest of Technical Papers SID International Symposium, 2013, 44, 134-136.	0.1	0
20	Flat panel detector based on a shadow mask plasma display panel. Journal of the Society for Information Display, 2014, 22, 287-295.	0.8	0
21	A flat panel detector. , 2014, , .		0
22	An atmospheric neon plasma jet in air driven by pulse-wave-modulated sinusoidal high voltage. , 2014, , .		0
23	An atmospheric neon plasma jet in air driven by pulse-wave-modulated sinusoidal high voltage. , 2014, , .		0
24	23.2: <i>Invited Paper:</i> Influence of the Ambient Illuminance on the Subjective Brightness Measurements. Digest of Technical Papers SID International Symposium, 2018, 49, 242-247.	0.1	0
25	Electrostatic Discharge Characteristics Simulation of Printed-Circuit-Board with Full-Wave Model. , 2019, , .		0
26	Electrostatic Discharge Simulation and Experimental Verification of a Simple PCB Device. Digest of Technical Papers SID International Symposium, 2020, 51, 65-68.	0.1	0
27	21.1: <i>Invited Paper:</i> Systemâ€Level Coâ€simulation Combined with Fullâ€wave 3D Model and Circuit Elements for Electrostatic Discharge in Display Devices. Digest of Technical Papers SID International Symposium, 2021, 52, 129-132.	0.1	0