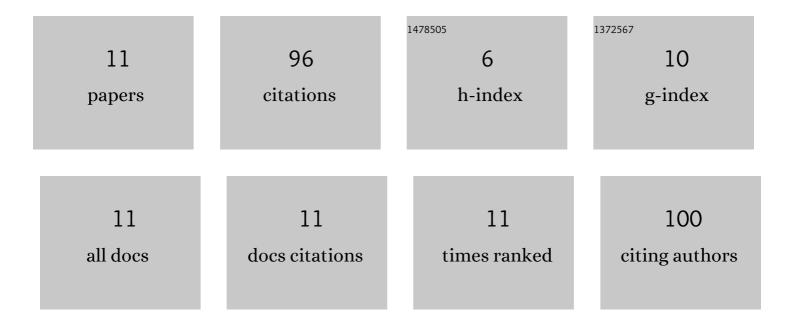
Jiamang Che

List of Publications by Year in descending order

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LIAMANC CHE

#	Article	IF	CITATIONS
1	Polarization Self-Screened Multiple Quantum Wells for Deep Ultraviolet Light-Emitting Diodes to Enhance the Optical Power. IEEE Photonics Journal, 2021, 13, 1-5.	2.0	8
2	On the impact of a metal–insulator–semiconductor structured n-electrode for AlGaN-based DUV LEDs. Applied Optics, 2021, 60, 11222.	1.8	4
3	Advantage of SiO ₂ Intermediate Layer on the Electron Injection for Ti/n-Al _{0.60} Ga _{0.40} N Structure. IEEE Transactions on Electron Devices, 2020, 67, 3548-3552.	3.0	2
4	Doping-induced energy barriers to improve the current spreading effect for AlGaN-based ultraviolet-B light-emitting diodes. IEEE Electron Device Letters, 2020, , 1-1.	3.9	15
5	On the Impact of Electron Leakage on the Efficiency Droop for AlGaN Based Deep Ultraviolet Light Emitting Diodes. IEEE Photonics Journal, 2020, 12, 1-7.	2.0	12
6	Modulating the Layer Resistivity by Band-Engineering to Improve the Current Spreading for DUV LEDs. IEEE Photonics Technology Letters, 2019, 31, 1201-1204.	2.5	11
7	Influence of an Insulator Layer on the Charge Transport in a Metal/Insulator/nâ€AlGaN Structure. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1800810.	1.8	5
8	Interplay between various active regions and the interband transition for AlGaN-based deep-ultraviolet light-emitting diodes to enable a reduced TM-polarized emission. Journal of Applied Physics, 2019, 126, 245702.	2.5	9
9	On the Carrier Transport for InGaN/GaN Core-Shell Nanorod Green Light-Emitting Diodes. IEEE Nanotechnology Magazine, 2019, 18, 176-182.	2.0	5
10	On the polarization self-screening effect in multiple quantum wells for nitride-based near ultraviolet light-emitting diodes. Chinese Optics Letters, 2019, 17, 122301.	2.9	3
11	On the p-AlGaN/n-AlGaN/p-AlGaN Current Spreading Layer for AlGaN-based Deep Ultraviolet Light-Emitting Diodes. Nanoscale Research Letters, 2018, 13, 355.	5.7	22