

Hyun Kyong Cho

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

235
citations

1163117

8
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

245
citing authors

#	ARTICLE	IF	CITATIONS
1	Milliwatt power 233nm AlGaIn-based deep UV-LEDs on sapphire substrates. Applied Physics Letters, 2020, 117, .	3.3	50
2	Degradation of (In)AlGaIn-Based UVB LEDs and Migration of Hydrogen. IEEE Photonics Technology Letters, 2019, 31, 529-532.	2.5	43
3	Skin tolerant inactivation of multiresistant pathogens using far-UVC LEDs. Scientific Reports, 2021, 11, 14647.	3.3	37
4	Reliability of UVC LEDs fabricated on AlN/sapphire templates with different threading dislocation densities. Applied Physics Letters, 2020, 117, .	3.3	34
5	Impact of operation parameters on the degradation of 233nm AlGaIn-based far-UVC LEDs. Journal of Applied Physics, 2022, 131, .	2.5	17
6	Chip design for thin-film deep ultraviolet LEDs fabricated by laser lift-off of the sapphire substrate. Semiconductor Science and Technology, 2017, 32, 12LT01.	2.0	14
7	Highly Reflective p-Contacts Made of Pd-Al on Deep Ultraviolet Light-Emitting Diodes. IEEE Photonics Technology Letters, 2017, 29, 2222-2225.	2.5	14
8	Enhanced wall plug efficiency of AlGaIn-based deep-UV LEDs using Mo/Al as p-contact. IEEE Photonics Technology Letters, 2020, , 1-1.	2.5	9
9	Low resistance n-contact for UVC LEDs by a two-step plasma etching process. Semiconductor Science and Technology, 2020, 35, 095019.	2.0	7
10	Comparison of Ultraviolet B Light-Emitting Diodes with Single or Triple Quantum Wells. Physica Status Solidi (A) Applications and Materials Science, 2021, 218, 2100100.	1.8	3
11	Spectrally pure far-UVC emission from AlGaIn-based LEDs with dielectric band pass filters. Journal Physics D: Applied Physics, 2022, 55, 205105.	2.8	3
12	Bow Reduction of AlInGaIn-Based Deep UV LED Wafers Using Focused Laser Patterning. IEEE Photonics Technology Letters, 2018, 30, 1792-1794.	2.5	2
13	Enhanced light extraction efficiency of UV LEDs by encapsulation with UV-transparent silicone resin. Semiconductor Science and Technology, 0, , .	2.0	2