

# Cheng Liu

## List of Publications by Year in descending order

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15  
papers

231  
citations

1477746

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h-index

1199166

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docs citations

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times ranked

262  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of InGaN-Delta-InN Quantum Wells on InGaN Substrates for Red Light Emitting Diodes and Lasers. IEEE Photonics Journal, 2021, 13, 1-10.	1.0	7
2	AlGaIn nanowires with inverse taper for flexible DUV emitters. JPhys Photonics, 2021, 3, 024016.	2.2	5
3	Realization of electrically driven AlGaIn micropillar array deep-ultraviolet light emitting diodes at 286 nm. AIP Advances, 2021, 11, 095005.	0.6	6
4	Demonstration of Flexible DUV Light Emitting Diodes through Formation of Nanowires with Inverse-Taper. , 2021, , .		1
5	AlGaIn-Delta-GaN Quantum Well for DUV LEDs. Photonics, 2020, 7, 87.	0.9	11
6	Physics of high-efficiency 240-260nm deep-ultraviolet lasers and light-emitting diodes on AlGaIn substrate. Journal of Applied Physics, 2020, 127, .	1.1	4
7	Effect of KOH passivation for top-down fabricated InGaIn nanowire light emitting diodes. Journal of Applied Physics, 2019, 126, .	1.1	31
8	Proposal and Realization of Vertical GaIn Nanowire Static Induction Transistor. IEEE Electron Device Letters, 2019, 40, 259-262.	2.2	5
9	Analysis of AlGaIn substrate for high-efficiency 240-260nm deep-UV lasers. , 2019, , .		0
10	234nm and 246nm AlN-Delta-GaN quantum well deep ultraviolet light-emitting diodes. Applied Physics Letters, 2018, 112, .	1.5	55
11	Influence of quantum well design on light polarization switching in AlGaIn ultraviolet emitters. AIP Advances, 2018, 8, 085125.	0.6	7
12	Physics and polarization characteristics of 298nm AlN-delta-GaN quantum well ultraviolet light-emitting diodes. Applied Physics Letters, 2017, 110, .	1.5	44
13	Analysis of Polarization-Dependent Light Extraction and Effect of Passivation Layer for 230-nm AlGaIn Nanowire Light-Emitting Diodes. IEEE Photonics Journal, 2017, 9, 1-12.	1.0	35
14	Proposal and physics of AlInN-delta-GaN quantum well ultraviolet lasers. Journal of Applied Physics, 2016, 119, .	1.1	20
15	Proposal of AlN-delta-GaN quantum well ultraviolet lasers. , 2016, , .		0