

# Young Jae Park

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

146  
citations

1307594

7  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

261  
citing authors

#	ARTICLE	IF	CITATIONS
1	Band alignment of $\text{B}_0.14\text{Al}_0.86\text{N}/\text{Al}_0.7\text{Ga}_0.3\text{N}$ heterojunction. Applied Physics Letters, 2017, 111, .	3.3	31
2	Influence of TMAI preflow on AlN epitaxy on sapphire. Applied Physics Letters, 2017, 110, 192106.	3.3	22
3	Effective charge separation of inverted polymer solar cells using versatile $\text{MoS}_2$ nanosheets as an electron transport layer. Journal of Materials Chemistry A, 2019, 7, 15356-15363.	10.3	19
4	Lateral Current Spreading in III-N Ultraviolet Vertical-Cavity Surface-Emitting Lasers Using Modulation-Doped Short Period Superlattices. IEEE Journal of Quantum Electronics, 2018, 54, 1-7.	1.9	16
5	Adsorption behavior of $\text{NO}_2$ molecules in ZnO-mono/multilayer graphene core-shell quantum dots for $\text{NO}_2$ gas sensor. Journal of Industrial and Engineering Chemistry, 2022, 106, 279-286.	5.8	16
6	Theory and Design of Electron Blocking Layers for III-N-Based Laser Diodes by Numerical Simulation. IEEE Journal of Quantum Electronics, 2018, 54, 1-11.	1.9	13
7	Suppression of volume expansion by graphene encapsulated $\text{Co}_3\text{O}_4$ quantum dots for boosting lithium storage. Journal of Industrial and Engineering Chemistry, 2021, 95, 333-339.	5.8	10
8	Charge transport effect and photovoltaic conversion of two-dimensional CdSeS quantum dot monolayers in inverted polymer solar cells. Journal of Materials Chemistry C, 2019, 7, 11797-11805.	5.5	7
9	High Reflectivity Hybrid AlGaIn/Silver Distributed Bragg Reflectors for Use in the UV-Visible Spectrum. IEEE Journal of Quantum Electronics, 2017, 53, 1-8.	1.9	6
10	Epitaxial Growth and Optically Pumped Stimulated Emission in AlGaIn/InGaIn Ultraviolet Multi-Quantum-Well Structures. Journal of Electronic Materials, 2020, 49, 2326-2331.	2.2	3
11	Direct conjugation with a zero length linker of fullerene $\text{C}_{70}$ to ZnO quantum dots for multicolor light-emitting diodes. Materials Horizons, 2020, 7, 1533-1541.	12.2	2
12	Corrections to "Lateral Current Spreading in III-N Ultraviolet Vertical-Cavity Surface-Emitting Lasers Using Modulation-Doped Short Period Superlattices" [Aug 18 Art. no. 2400507]. IEEE Journal of Quantum Electronics, 2019, 55, 1-1.	1.9	1
13	Optical stimulated emission in AlGaIn/InGaIn ultraviolet multi-quantum-well structures. , 2019, , .		0