

# Jialin Wang

## List of Publications by Year in descending order

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12  
papers

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citations

1478505

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docs citations

12  
times ranked

194  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Film Bulk Acoustic Resonator Based on Ferroelectric Aluminum Scandium Nitride Films. Journal of Microelectromechanical Systems, 2020, 29, 741-747.	2.5	84
2	High-Overtone Thin Film Ferroelectric AlScN-on-Silicon Composite Resonators. IEEE Electron Device Letters, 2021, 42, 911-914.	3.9	23
3	Ferroelectric Aluminum Scandium Nitride Thin Film Bulk Acoustic Resonators with Polarization-Dependent Operating States. Physica Status Solidi - Rapid Research Letters, 2021, 15, 2100034.	2.4	20
4	Super High-Frequency Scandium Aluminum Nitride Crystalline Film Bulk Acoustic Resonators. , 2019, , .		19
5	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
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	High-Temperature Acoustic and Electric Characterization of Ferroelectric Al <sub>0.7</sub> Sc <sub>0.3</sub> N Films. Journal of Microelectromechanical Systems, 2022, 31, 234-240.	2.5	9
8	A High- $k_t^2$ Switchable Ferroelectric Al <sub>0.7</sub> Sc <sub>0.3</sub> N Film Bulk Acoustic Resonator. , 2020, , .		8
9	Thermal Characterization of Ferroelectric Aluminum Scandium Nitride Acoustic Resonators. , 2021, , .		7
10	Thermal Design Considerations for III-N Vertical-Cavity Surface-Emitting Lasers Using Electro-Opto-Thermal Numerical Simulations. IEEE Journal of Quantum Electronics, 2019, 55, 1-8.	1.9	6
11	High-Order Sezawa Mode Alscn/Gan/Sapphire Surface Acoustic Wave Resonators. , 2022, , .		4
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