

Song Zhigang

List of Publications by Year in descending order

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7
papers

65
citations

1937685

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1588992

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all docs

8
docs citations

8
times ranked

75
citing authors

#	ARTICLE	IF	CITATIONS
1	Origin of giant valley splitting in silicon quantum wells induced by superlattice barriers. Physical Review B, 2022, 105, .	3.2	5
2	Ge _{0.95} Sn _{0.05} Gate-All-Around p-Channel Metal-Oxide-Semiconductor Field-Effect Transistors with Sub-3 nm Nanowire Width. Nano Letters, 2021, 21, 5555-5563.	9.1	21
3	Effect of Size on the Electronic Structure and Optical Properties of Cubic CsPbBr ₃ Quantum Dots. IEEE Journal of Quantum Electronics, 2020, 56, 1-7.	1.9	3
4	Band Structure of Strained $\text{Ge}_{1-x}\text{Sn}_x$ Alloy: A Full-Zone 30-Band $\mathbf{k}\cdot\mathbf{p}$ Model. IEEE Journal of Quantum Electronics, 2020, 56, 1-8.	1.9	4
5	The Theoretical Optical Gain of Ge $1\hat{\text{A}}^{\text{~}}$ x Sn x Nanowires. Physica Status Solidi - Rapid Research Letters, 2020, 14, 1900704.	2.4	3
6	Theoretical design of mid-infrared interband cascade lasers in SiGeSn system. New Journal of Physics, 2020, 22, 083061.	2.9	4
7	Band structure of Ge _{1$\hat{\text{A}}^{\text{~}}$} Sn _x alloy: a full-zone 30-band $\mathbf{k}\cdot\mathbf{p}$ model. New Journal of Physics, 2019, 21, 073037.	2.9	24