

Song Zhigang

List of Publications by Year in descending order

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papers

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1937685
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citing authors

#	ARTICLE	IF	CITATIONS
1	Band structure of $\text{Ge}_{1-x}\text{Sn}_x$ alloy: a full-zone 30-band $k \cdot p$ model. New Journal of Physics, 2019, 21, 073037.	2.9	24
2	$\text{Ge}_{0.95}\text{Sn}_{0.05}$ 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	Origin of giant valley splitting in silicon quantum wells induced by superlattice barriers. Physical Review B, 2022, 105, .	3.2	5
4	Band Structure of Strained $\text{Ge}_{1-x}\text{Sn}_x$ Alloy: A Full-Zone 30-Band $k \cdot p$ Model. IEEE Journal of Quantum Electronics, 2020, 56, 1-8.	1.9	4
5	Theoretical design of mid-infrared interband cascade lasers in SiGeSn system. New Journal of Physics, 2020, 22, 083061.	2.9	4
6	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
7	The Theoretical Optical Gain of $\text{Ge}_{1-x}\text{Sn}_x$ Nanowires. Physica Status Solidi - Rapid Research Letters, 2020, 14, 1900704.	2.4	3