

Andrei Schliwa

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/998123/publications.pdf>

Version: 2024-02-01

10
papers

519
citations

1163117

8
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

656
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of size, shape, and composition on piezoelectric effects and electronic properties of $\text{In}_x\text{Ga}_{1-x}\text{N}$ quantum dots. Physical Review B, 2006, 74, .	3.2	235
2	Interrelation of structural and electronic properties in $\text{In}_x\text{Ga}_{1-x}\text{N}$ quantum dots using an eight-band k^{TM} model. Physical Review B, 2006, 74, .	3.2	139
3	State Luminescence in CdSe Nanoplatelets: Role of Lateral Confinement and a Longitudinal Optical Phonon Bottleneck. Physical Review Letters, 2016, 116, 116802.	7.8	68
4	Electronic states of $(\text{InGa})(\text{AsSb})/\text{GaAs}/\text{GaP}$ quantum dots. Physical Review B, 2019, 100, .	3.2	23
5	Modeling electronic and optical properties of III-V quantum dots – selected recent developments. Light: Science and Applications, 2022, 11, 17.	16.6	20
6	Optical emission of GaN/AlN quantum-wires – the role of charge transfer from a nanowire template. Nanoscale, 2018, 10, 5591-5598.	5.6	12
7	Terahertz lasing at room temperature: A numerical study of a vertical-emitting quantum cascade laser based on a quantum dot superlattice. Physical Review B, 2021, 103, .	3.2	10
8	Tuning the Emission Directionality of Stacked Quantum Dots. ACS Photonics, 2018, 5, 4838-4845.	6.6	8
9	Efficient electronic structure calculations for extended systems of coupled quantum dots using a linear combination of quantum dot orbitals method. Physical Review B, 2021, 103, .	3.2	4
10	Emission directionality of electronic intraband transitions in stacked quantum dots. Physical Review B, 2021, 104, .	3.2	0