

Andrei Schliwa

List of Publications by Year in descending order

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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	Modeling electronic and optical properties of III-V quantum dots—selected recent developments. Light: Science and Applications, 2022, 11, 17.	16.6	20
2	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
3	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
4	Emission directionality of electronic intraband transitions in stacked quantum dots. Physical Review B, 2021, 104, .	3.2	0
5	Electronic states of (InGa)(AsSb)/GaAs/GaP quantum dots. Physical Review B, 2019, 100, .	3.2	23
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	Tuning the Emission Directionality of Stacked Quantum Dots. ACS Photonics, 2018, 5, 4838-4845.	6.6	8
8	$\langle \text{p} \rangle$ -State Luminescence in CdSe Nanoplatelets: Role of Lateral Confinement and a Longitudinal Optical Phonon Bottleneck. Physical Review Letters, 2016, 116, 116802.	7.8	68
9	$\ln \langle \text{Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 427} \rangle$	3.2	235
10	Interrelation of structural and electronic properties in $\text{In}_x\text{Ga}_{1-x}\text{N}_y\text{Ga}_{1-y}\text{N}$ quantum dots using an eight-band k^{TM} model. Physical Review B, 2006, 74, .	3.2	139