

Bastian Herzog

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/791177/publications.pdf>

Version: 2024-02-01

10
papers

103
citations

1478505

6
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

75
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrafast gain recovery and large nonlinear optical response in submonolayer quantum dots. Physical Review B, 2016, 94, .	3.2	24
2	Strong amplitude-phase coupling in submonolayer quantum dots. Applied Physics Letters, 2016, 109, 201102.	3.3	18
3	Exciton dynamics probe the energy structure of a quantum dot-in-a-well system: The role of Coulomb attraction and dimensionality. Physical Review B, 2015, 91, .	3.2	17
4	Fast gain and phase recovery of semiconductor optical amplifiers based on submonolayer quantum dots. Applied Physics Letters, 2015, 107, .	3.3	17
5	Dynamic phase response and amplitude-phase coupling of self-assembled semiconductor quantum dots. Applied Physics Letters, 2017, 110, 241102.	3.3	8
6	Sideband pump-probe technique resolves nonlinear modulation response of PbS/CdS quantum dots on a silicon nitride waveguide. APL Photonics, 2018, 3, 016101.	5.7	8
7	Feedback-induced locking in semiconductor lasers with strong amplitude-phase coupling. Physical Review A, 2021, 103, .	2.5	5
8	Broadband Semiconductor Light Sources Operating at 1060 nm Based on InAs:Sb/GaAs Submonolayer Quantum Dots. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-10.	2.9	3
9	High phonon-limited mobility of charged and neutral excitons in mono- and bilayerMoTe ₂ . 2D Materials, 0, , .	4.4	3
10	Ultrafast photonics in coherently coupled III-V semiconductor nanostructures. , 2018, , .		0