

Mirco Kolarczik

List of Publications by Year in descending order

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docs citations

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625
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Biexciton fine structure in monolayer transition metal dichalcogenides. Nature Physics, 2018, 14, 1199-1204.	16.7	99
4	Ultrafast photonics in coherently coupled III-V semiconductor nanostructures. , 2018, , .		0
5	Dynamic phase response and amplitude-phase coupling of self-assembled semiconductor quantum dots. Applied Physics Letters, 2017, 110, 241102.	3.3	8
6	Strong amplitude-phase coupling in submonolayer quantum dots. Applied Physics Letters, 2016, 109, 201102.	3.3	18
7	Long-Lived Valley Polarization of Intravalley Trions in Monolayer WS_2 . Physical Review Letters, 2016, 117, 257402.	7.8	101
8	Ultrafast gain recovery and large nonlinear optical response in submonolayer quantum dots. Physical Review B, 2016, 94, .	3.2	24
9	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
10	Fast gain and phase recovery of semiconductor optical amplifiers based on submonolayer quantum dots. Applied Physics Letters, 2015, 107, .	3.3	17
11	Crossed Exciton States in Complex Semiconductor Nanostructures. , 2015, , .		0
12	Crossed excitons in a semiconductor nanostructure of mixed dimensionality. Applied Physics Letters, 2014, 105, 101108.	3.3	10
13	Quantum coherence induces pulse shape modification in a semiconductor optical amplifier at room temperature. Nature Communications, 2013, 4, 2953.	12.8	56