Reza Kohandani

List of Publications by Year
in descending order

15 papers	119 citations	1478505 6 h-index	1281871 11 g-index
15 all docs	15 docs citations	15 times ranked	81 citing authors

#	Article	IF	Citations
1	HighÂQuality Factor Hybrid Plasmonic-Nanowire Structural Color Generation. Plasmonics, 2022, 17, 1549-1558.	3.4	1
2	Extracting optical absorption characteristics from semiconductor nanowire arrays. Nanotechnology, 2022, 33, 395204.	2.6	5
3	Flexible electrospun PVDFâ€“BaTiO₃ hybrid structure pressure sensor with enhanced efficiency. RSC Advances, 2020, 10, 35090-35098.	3.6	45
4	Length dependent optical characteristics analysis for semiconductor nanowires. Nanotechnology, 2020, 31, 224001.	2.6	5
5	Self-Referencing Plasmonic Array Sensors. Plasmonics, 2020, 15, 1359-1368.	3.4	18
6	A theoretical study of the influence of barrier thickness variations on optical properties of a semiconductor multiple quantum well slow light device. Quantum Electronics, 2018, 48, 29-36.	1.0	0
7	Analysis of the influence of geometrical dimensions and external magnetic field on optical properties of InGaAs/GaAs quantum-dot slow light devices. Quantum Electronics, 2018, 48, 582-588.	1.0	4
8	Numerical investigation of strain effects on properties of AlGaAs/InGaAs multiple quantum well solar cells. Applied Optics, 2018, 57, 7045.	1.8	8
9	Analysis and investigation of temperature and hydrostatic pressure effects on optical characteristics of multiple quantum well slow light devices. Applied Optics, 2017, 56, 7331.	1.8	4
10	Analytical Investigation of Slow Light Systems with Strained Quantum Wells Structure under Applied Magnetic and Electric Fields Based on V-type EIT. International Journal of Optics and Applications, 2017, 7, 42-48.	0.3	0
11	Simulation and Characteristics Improvement of Quantum Dot Slow Light Devices by Geometrical Dimension Alteration. Optics and Photonics Journal, 2016, 06, 114-119.	0.4	5
12	Well width and alloy concentration dependence of optical properties of slow light devices. , 2015, , .		3
13	Theoretical analysis of multiple quantum-well, slow-light devices under applied external fields using a fully analytical model in fractional dimension. Quantum Electronics, 2015, 45, 89-94.	1.0	7
14	Analysis of the effects of applying external fields and device dimensions alterations on GaAs/AlGaAs multiple quantum well slow light devices based on excitonic population oscillation. Applied Optics, 2014, 53, 1228.	1.8	8
15	Effects of Quantum well Size Alteration on Excitonic Population Oscillation Slow Light Devices Properties. Optics and Photonics Journal, 2013, 03, 298-304.	0.4	6