

# Reza Kohandani

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

119  
citations

1478505

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h-index

1281871

11  
g-index

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docs citations

15  
times ranked

81  
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible electrospun PVDF/BaTiO <sub>3</sub> hybrid structure pressure sensor with enhanced efficiency. RSC Advances, 2020, 10, 35090-35098.	3.6	45
2	Self-Referencing Plasmonic Array Sensors. Plasmonics, 2020, 15, 1359-1368.	3.4	18
3	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
4	Numerical investigation of strain effects on properties of AlGaAs/InGaAs multiple quantum well solar cells. Applied Optics, 2018, 57, 7045.	1.8	8
5	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
6	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
7	Length dependent optical characteristics analysis for semiconductor nanowires. Nanotechnology, 2020, 31, 224001.	2.6	5
8	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
9	Extracting optical absorption characteristics from semiconductor nanowire arrays. Nanotechnology, 2022, 33, 395204.	2.6	5
10	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
11	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
12	Well width and alloy concentration dependence of optical properties of slow light devices. , 2015, , .		3
13	High-Quality Factor Hybrid Plasmonic-Nanowire Structural Color Generation. Plasmonics, 2022, 17, 1549-1558.	3.4	1
14	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
15	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