

# Roghaieh Parvizi

## List of Publications by Year in descending order

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13  
papers

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citations

1163117

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1125743

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13  
times ranked

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#	ARTICLE	IF	CITATIONS
1	Sensitivity optimization of ZnO clad-modified optical fiber humidity sensor by means of tuning the optical fiber waist diameter. <i>Optics and Laser Technology</i> , 2017, 90, 96-101.	4.6	57
2	Presence of neodymium and gadolinium in cobalt ferrite lattice: Structural, magnetic and microwave features for electromagnetic wave absorbing. <i>Journal of Rare Earths</i> , 2020, 38, 411-417.	4.8	37
3	Developed Low-Temperature Anionic $2\text{H-MoS}_2/\text{Au}$ Sensing Layer Coated Optical Fiber Gas Sensor. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 34283-34296.	8.0	33
4	Evanescent Wave Optical Trapping and Sensing on Polymer Optical Fibers for Ultra-Trace Detection of Glucose. <i>ACS Omega</i> , 2020, 5, 22046-22056.	3.5	25
5	Structural, Magnetic and Microwave Properties of Nanocrystalline Ni-Co-Gd Ferrites. <i>Journal of Electronic Materials</i> , 2018, 47, 1302-1310.	2.2	14
6	Evanescent Field-Modulated Magnetic Immune Sensor Based on Magnetic Fluid and Polymer Optical Fiber. <i>IEEE Sensors Journal</i> , 2019, 19, 8971-8978.	4.7	11
7	Investigation and optimization of intraband electromagnetically induced transparency in strained InAs quantum dot/wetting layer structures. <i>Optics Communications</i> , 2016, 358, 65-72.	2.1	10
8	Interband optical transitions of a strained $\text{In}_x\text{Ga}_{1-x}\text{As}/\text{GaAs}$ quantum dot/wetting layer with various In mole fractions. <i>Physica B: Condensed Matter</i> , 2015, 456, 87-92.	2.7	9
9	Comprehensive investigation on chalcogenide thin film coated multimode optical fiber: Visible evanescent-wave absorption refractometer. <i>Journal of Non-Crystalline Solids</i> , 2022, 586, 121567.	3.1	8
10	Perovskite-based Lossy-mode resonance sensor in visible light spectrum: Comparison and optimization of optical enhancements. <i>Physica B: Condensed Matter</i> , 2022, 640, 414048.	2.7	5
11	Electronic coupling of single lateral strained InGaAs quantum dot molecule based on nanohole structure. <i>Physica B: Condensed Matter</i> , 2016, 482, 51-57.	2.7	4
12	Investigation of intersubband transitions in truncated pyramid-shaped InAs/GaAs quantum dots coupled to wetting layer: Strain and size matter. <i>Superlattices and Microstructures</i> , 2018, 122, 181-193.	3.1	3
13	Bound to continuum intersubband transition optical properties in the strain reducing layer-assisted InAs quantum dot structure. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2016, 75, 336-344.	2.7	1