

Amir Maghoul

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Optical Modeling and Characterization of Demyelinated Nerve Using Graphene-Based Photonic Structure. IEEE Access, 2022, 10, 28792-28807.	2.6	1
2	Design and Simulation of Terahertz Perfect Absorber with Tunable Absorption Characteristic Using Fractal-Shaped Graphene Layers. Photonics, 2021, 8, 375.	0.9	6
3	Engineering Photonic Transmission Inside Brain Nerve Fibers. IEEE Access, 2021, 9, 35399-35410.	2.6	4
4	Electrically Tunable Perfect Terahertz Absorber Using Embedded Comblined Graphene Layer. Applied Sciences (Switzerland), 2021, 11, 10961.	1.3	5
5	Nanoantenna with electrically tunable radiation pattern. Optical and Quantum Electronics, 2020, 52, 1.	1.5	0
6	Radiation pattern control of core shell nanoantenna by manipulation of nonlinear properties. Microsystem Technologies, 2019, 25, 2289-2299.	1.2	1
7	Characterization of core-shell nanostructure consisting SiO ₂ /Au/SiO ₂ based on manipulation of optical properties. Optical and Quantum Electronics, 2018, 50, 1.	1.5	2
8	Noble metal nanoparticle surface plasmon resonance in absorbing medium. Optik, 2015, 126, 417-420.	1.4	8
9	Design of a Compact Gaussian Profiled Corrugated Horn Antenna for Low Sidelobe-Level Applications. International Journal of Computer Theory and Engineering, 2013, , 223-226.	3.2	12
10	Simulation and investigation of quantum dot effects as internal heat-generator source in breast tumor site. Journal of Thermal Biology, 2012, 37, 490-495.	1.1	28
11	Design considerations to affect on shielding effectiveness for conductive enclosure. IEICE Electronics Express, 2011, 8, 1047-1055.	0.3	1
12	Simulation of Shielding Effectiveness in Low Frequencies for Conductive Enclosure. , 2009, , .		3
13	Investigation of Shielding Effectiveness Caused by Incident Plane Wave on Conductive Enclosure in UHF Band. Applied Mechanics and Materials, 0, 110-116, 940-948.	0.2	2
14	Design Considerations Influencing Optical Response in Gold Spherical Nanoparticles. Journal of Nano Research, 0, 46, 1-11.	0.8	5