Iuliia Golovynska

List of Publications by Year
in descending order

25	473	758635 12	713013 21
papers	citations	h-index	g-index

25	25	25	569
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optical windows for head tissues in nearâ€infrared and shortâ€wave infrared regions: Approaching transcranial light applications. Journal of Biophotonics, 2018, 11, e201800141.	1.1	128
2	Exciton and trion in few-layer MoS2: Thickness- and temperature-dependent photoluminescence. Applied Surface Science, 2020, 515, 146033.	3.1	79
3	Red and near-infrared light evokes Ca2+ influx, endoplasmic reticulum release and membrane depolarization in neurons and cancer cells. Journal of Photochemistry and Photobiology B: Biology, 2021, 214, 112088.	1.7	33
4	Red and nearâ€infrared light induces intracellular Ca²⁺ flux via the activation of glutamate Nâ€methylâ€Dâ€aspartate receptors. Journal of Cellular Physiology, 2019, 234, 15989-16002.	2.0	26
5	Secondary phases in Cu 2 ZnSnS 4 films obtained by spray pyrolysis at different substrate temperatures and Cu contents. Materials Letters, 2018, 216, 173-175.	1.3	25
6	Near-infrared light reduces Î²-amyloid-stimulated microglial toxicity and enhances survival of neurons: mechanisms of light therapy for Alzheimerâ€™s disease. Alzheimer's Research and Therapy, 2022, 14, .	3.0	22
7	Deep levels in metamorphic InAs/InGaAs quantum dot structures with different composition of the embedding layers. Semiconductor Science and Technology, 2017, 32, 125001.	1.0	19
8	Comparative Study of Photoelectric Properties of Metamorphic InAs/InGaAs and InAs/GaAs Quantum Dot Structures. Nanoscale Research Letters, 2017, 12, 335.	3.1	17
9	High transparent and conductive undoped ZnO thin films deposited by reactive ion-beam sputtering. Vacuum, 2018, 153, 204-210.	1.6	15
10	Defect influence on in-plane photocurrent of InAs/InGaAs quantum dot array: long-term electron trapping and Coulomb screening. Nanotechnology, 2019, 30, 305701.	1.3	15
11	Laser-Induced Periodic Ag Surface Structure with Au Nanorods Plasmonic Nanocavity Metasurface for Strong Enhancement of Adenosine Nucleotide Label-Free Photoluminescence Imaging. ACS Omega, 2020, 5, 14030-14039.	1.6	15
12	Interband Photoconductivity of Metamorphic InAs/InGaAs Quantum Dots in the 1.3â€“1.55-Î¼m Window. Nanoscale Research Letters, 2018, 13, 103.	3.1	14
13	Red and near infrared light-stimulated angiogenesis mediated via Ca2+ influx, VEGF production and NO synthesis in endothelial cells in macrophage or malignant environments. Journal of Photochemistry and Photobiology B: Biology, 2022, 227, 112388.	1.7	11
14	Peripheral N-methyl-D-aspartate receptor localization and role in gastric acid secretion regulation: immunofluorescence and pharmacological studies. Scientific Reports, 2018, 8, 7445.	1.6	8
15	Bipolar Effects in Photovoltage of Metamorphic InAs/InGaAs/GaAs Quantum Dot Heterostructures: Characterization and Design Solutions for Light-Sensitive Devices. Nanoscale Research Letters, 2017, 12, 559.	3.1	7
16	Macrophages Modulated by Red/NIR Light: Phagocytosis, Cytokines, Mitochondrial Activity, Ca²⁺ Influx, Membrane Depolarization and Viability. Photochemistry and Photobiology, 2022, 98, 484-497.	1.3	7
17	Comparing the Impact of <scp>NIR</scp>, Visible and <scp>UV</scp> Light on <scp>ROS</scp> Upregulation via Photoacceptors of Mitochondrial Complexes in Normal, Immune and Cancer Cells. Photochemistry and Photobiology, 2023, 99, 106-119.	1.3	7
18	Kinetics peculiarities of photovoltage in vertical metamorphic InAs/InGaAs quantum dot structures. Semiconductor Science and Technology, 2019, 34, 075025.	1.0	6

#	Article	IF	Citations
19	Morphoâ€Functional Characteristics of Bone Marrow Multipotent Mesenchymal Stromal Cells after Activation or Inhibition of Epidermal Growth Factor and Tollâ€Like Receptors or Treatment with DNA Intercalator Cisplatin. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2019, 95, 24-33.	1.1	4
20	MoS2 monolayer quantum dots on a flake: Efficient sensitization of exciton and trion photoluminescence via resonant nonradiative energy and charge transfers. Applied Surface Science, 2022, 601, 154209.	3.1	4
21	Photoluminescence of porous silicon as an indicator of its interaction with nucleic acids. EPJ Applied Physics, 2016, 76, 30401.	0.3	3
22	Novel Hybrid Compound 4-[(E)-2-phenylethenesulfonamido]-N-hydroxybutanamide with Antimetastatic and Cytotoxic Action: Synthesis and Anticancer Screening. Anti-Cancer Agents in Medicinal Chemistry, 2019, 18, 1495-1504.	0.9	3
23	NMDA receptor expression during cell transformation process at early stages of liver cancer in rodent models. American Journal of Physiology - Renal Physiology, 2022, 322, G142-G153.	1.6	3
24	Optical transparence windows for head tissues in near and short-wave infrared regions. , 2017, , .		2
25	Combining optical imaging and pharmacological methods to localize N-methyl-D-aspartate glutamate receptors in a stomach wall. , 2017, , .		0