

Iuliia Golovynska

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

473
citations

758635

12
h-index

713013

21
g-index

25
all docs

25
docs citations

25
times ranked

569
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparing the Impact of $\langle \text{NIR} \rangle$, Visible and $\langle \text{UV} \rangle$ Light on $\langle \text{ROS} \rangle$ Upregulation <i>via</i> Photoacceptors of Mitochondrial Complexes in Normal, Immune and Cancer Cells. <i>Photochemistry and Photobiology</i> , 2023, 99, 106-119.	1.3	7
2	Macrophages Modulated by Red/NIR Light: Phagocytosis, Cytokines, Mitochondrial Activity, Ca^{2+} Influx, Membrane Depolarization and Viability. <i>Photochemistry and Photobiology</i> , 2022, 98, 484-497.	1.3	7
3	NMDA receptor expression during cell transformation process at early stages of liver cancer in rodent models. <i>American Journal of Physiology - Renal Physiology</i> , 2022, 322, G142-G153.	1.6	3
4	Red and near infrared light-stimulated angiogenesis mediated via Ca^{2+} influx, VEGF production and NO synthesis in endothelial cells in macrophage or malignant environments. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2022, 227, 112388.	1.7	11
5	Near-infrared light reduces $\text{A}\beta$ -amyloid-stimulated microglial toxicity and enhances survival of neurons: mechanisms of light therapy for Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2022, 14, .	3.0	22
6	MoS ₂ monolayer quantum dots on a flake: Efficient sensitization of exciton and trion photoluminescence via resonant nonradiative energy and charge transfers. <i>Applied Surface Science</i> , 2022, 601, 154209.	3.1	4
7	Red and near-infrared light evokes Ca^{2+} influx, endoplasmic reticulum release and membrane depolarization in neurons and cancer cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021, 214, 112088.	1.7	33
8	Laser-Induced Periodic Ag Surface Structure with Au Nanorods Plasmonic Nanocavity Metasurface for Strong Enhancement of Adenosine Nucleotide Label-Free Photoluminescence Imaging. <i>ACS Omega</i> , 2020, 5, 14030-14039.	1.6	15
9	Exciton and trion in few-layer MoS ₂ : Thickness- and temperature-dependent photoluminescence. <i>Applied Surface Science</i> , 2020, 515, 146033.	3.1	79
10	Defect influence on in-plane photocurrent of InAs/InGaAs quantum dot array: long-term electron trapping and Coulomb screening. <i>Nanotechnology</i> , 2019, 30, 305701.	1.3	15
11	Kinetics peculiarities of photovoltage in vertical metamorphic InAs/InGaAs quantum dot structures. <i>Semiconductor Science and Technology</i> , 2019, 34, 075025.	1.0	6
12	Red and near-infrared light induces intracellular Ca^{2+} flux via the activation of glutamate NMDA receptors. <i>Journal of Cellular Physiology</i> , 2019, 234, 15989-16002.	2.0	26
13	Morpho-Functional Characteristics of Bone Marrow Multipotent Mesenchymal Stromal Cells after Activation or Inhibition of Epidermal Growth Factor and Toll-Like Receptors or Treatment with DNA Intercalator Cisplatin. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2019, 95, 24-33.	1.1	4
14	Novel Hybrid Compound 4-[(E)-2-phenylethanesulfonamido]-N-hydroxybutanamide with Antimetastatic and Cytotoxic Action: Synthesis and Anticancer Screening. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 18, 1495-1504.	0.9	3
15	High transparent and conductive undoped ZnO thin films deposited by reactive ion-beam sputtering. <i>Vacuum</i> , 2018, 153, 204-210.	1.6	15
16	Secondary phases in Cu ₂ ZnSnS ₄ films obtained by spray pyrolysis at different substrate temperatures and Cu contents. <i>Materials Letters</i> , 2018, 216, 173-175.	1.3	25
17	Interband Photoconductivity of Metamorphic InAs/InGaAs Quantum Dots in the 1.3–1.55- μm Window. <i>Nanoscale Research Letters</i> , 2018, 13, 103.	3.1	14
18	Peripheral N-methyl-D-aspartate receptor localization and role in gastric acid secretion regulation: immunofluorescence and pharmacological studies. <i>Scientific Reports</i> , 2018, 8, 7445.	1.6	8

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19	Optical windows for head tissues in near-infrared and short-wave infrared regions: Approaching transcranial light applications. <i>Journal of Biophotonics</i> , 2018, 11, e201800141.	1.1	128
20	Deep levels in metamorphic InAs/InGaAs quantum dot structures with different composition of the embedding layers. <i>Semiconductor Science and Technology</i> , 2017, 32, 125001.	1.0	19
21	Comparative Study of Photoelectric Properties of Metamorphic InAs/InGaAs and InAs/GaAs Quantum Dot Structures. <i>Nanoscale Research Letters</i> , 2017, 12, 335.	3.1	17
22	Bipolar Effects in Photovoltage of Metamorphic InAs/InGaAs/GaAs Quantum Dot Heterostructures: Characterization and Design Solutions for Light-Sensitive Devices. <i>Nanoscale Research Letters</i> , 2017, 12, 559.	3.1	7
23	Combining optical imaging and pharmacological methods to localize N-methyl-D-aspartate glutamate receptors in a stomach wall. , 2017, , .		0
24	Optical transparency windows for head tissues in near and short-wave infrared regions. , 2017, , .		2
25	Photoluminescence of porous silicon as an indicator of its interaction with nucleic acids. <i>EPJ Applied Physics</i> , 2016, 76, 30401.	0.3	3