

Elena I Koshel

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

537
citations

687220

13
h-index

677027

22
g-index

30
all docs

30
docs citations

30
times ranked

738
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal Oxide Nanoparticles Against Bacterial Biofilms: Perspectives and Limitations. <i>Microorganisms</i> , 2020, 8, 1545.	1.6	150
2	Microbiota and cancer: host cellular mechanisms activated by gut microbial metabolites. <i>International Journal of Medical Microbiology</i> , 2020, 310, 151425.	1.5	41
3	Nanocolloidal Hydrogel with Sensing and Antibacterial Activities Governed by Iron Ion Sequestration. <i>Chemistry of Materials</i> , 2020, 32, 10066-10075.	3.2	32
4	Facile Synthesis of a Library of Hollow Metallic Particles through the Galvanic Replacement of Liquid Gallium. <i>Chemistry of Materials</i> , 2021, 33, 1571-1580.	3.2	27
5	Coordination to Imidazole Ring Switches on Phosphorescence of Platinum Cyclometalated Complexes: The Route to Selective Labeling of Peptides and Proteins via Histidine Residues. <i>Bioconjugate Chemistry</i> , 2017, 28, 426-437.	1.8	25
6	Sol-gel derived boehmite nanostructures is a versatile nanoplatform for biomedical applications. <i>Scientific Reports</i> , 2019, 9, 1176.	1.6	25
7	Chicken rRNA Gene Cluster Structure. <i>PLoS ONE</i> , 2016, 11, e0157464.	1.1	24
8	Effects of Metal Oxide Nanoparticles on Toll-Like Receptor mRNAs in Human Monocytes. <i>Nanomaterials</i> , 2020, 10, 127.	1.9	22
9	Toxicity Patterns of Clinically Relevant Metal Oxide Nanoparticles. <i>ACS Applied Bio Materials</i> , 2019, 2, 4427-4435.	2.3	21
10	Phylogenetic Analysis of Entomoparasitic Nematodes, Potential Control Agents of Flea Populations in Natural Foci of Plague. <i>BioMed Research International</i> , 2014, 2014, 1-26.	0.9	18
11	Nanostructured Layer-by-Layer Polyelectrolyte Containers to Switch Biofilm Fluorescence. <i>Bioconjugate Chemistry</i> , 2018, 29, 3793-3799.	1.8	17
12	Lipophilic phosphorescent gold(I) clusters as selective probes for visualization of lipid droplets by two-photon microscopy. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 332, 122-130.	2.0	15
13	New high copy tandem repeat in the content of the chicken W chromosome. <i>Chromosoma</i> , 2018, 127, 73-83.	1.0	15
14	One-pot synthesis of template-free hollow anisotropic CaCO ₃ structures: towards inorganic shape-mimicking drug delivery systems. <i>Chemical Communications</i> , 2020, 56, 11969-11972.	2.2	14
15	Biocide-conjugated magnetite nanoparticles as an advanced platform for biofilm treatment. <i>Therapeutic Delivery</i> , 2019, 10, 241-250.	1.2	13
16	Positive and Negative Effects of Metal Oxide Nanoparticles on Antibiotic Resistance Genes Transfer. <i>Antibiotics</i> , 2020, 9, 742.	1.5	13
17	How to avoid protein aggregation to improve cellular uptake of albumin-based conjugates: towards the rational design of cell-penetrable phosphorescent probes. <i>Colloid and Polymer Science</i> , 2019, 297, 325-337.	1.0	9
18	Magnetically Controlled Carbonate Nanocomposite with Ciprofloxacin for Biofilm Eradication. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6187.	1.8	9

#	ARTICLE	IF	CITATIONS
19	On some structural and evolutionary aspects of rDNA amplification in oogenesis of <i>Trachemys scripta</i> turtles. <i>Cell and Tissue Research</i> , 2021, 383, 853-864.	1.5	8
20	Oscillating of physicochemical and biological properties of metal particles on their sonochemical treatment. <i>Materials Science and Engineering C</i> , 2020, 109, 110458.	3.8	7
21	Bio-Inspired Surface Modification of Magnetite Nanoparticles with Dopamine Conjugates. <i>Nanomaterials</i> , 2022, 12, 2230.	1.9	7
22	Chicken Microchromosomes in the Lampbrush Phase: A Cytogenetic Description. <i>Cytogenetic and Genome Research</i> , 2017, 152, 46-54.	0.6	6
23	Ribosomal RNA gene functioning in avian oogenesis. <i>Cell and Tissue Research</i> , 2016, 366, 533-542.	1.5	5
24	Evolution of ribosomal internal transcribed spacers in Deuterostomia. <i>Molecular Phylogenetics and Evolution</i> , 2017, 116, 87-96.	1.2	5
25	Towards Point of Care Diagnostics: Visual Detection of Meningitis Pathogens Directly from Cerebrospinal Fluid. <i>ChemistrySelect</i> , 2020, 5, 14572-14577.	0.7	5
26	Fluorescent Hybrid Material Based on Natural Spider Silk and Carbon Dots for Bioapplication. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 3310-3319.	2.6	2
27	ClO ₂ -Loaded Aerogels with Biocide Effect. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 49490-49499.	4.0	1
28	Mechano-bactericidal anisotropic particles for oral biofilm treatment. <i>Journal of Materials Chemistry B</i> , 0, , .	2.9	1