

Vedran Milosavljevic

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

45
papers

850
citations

16
h-index

28
g-index

49
ext. papers

1,092
ext. citations

5.3
avg, IF

4.2
L-index

#	Paper	IF	Citations
45	Selenium nanoparticles as a nutritional supplement. <i>Nutrition</i> , 2017 , 33, 83-90	4.8	223
44	Development and characterisation of furcellaran-gelatin films containing SeNPs and AgNPs that have antimicrobial activity. <i>Food Hydrocolloids</i> , 2018 , 83, 9-16	10.6	47
43	3D-printed chip for detection of methicillin-resistant Staphylococcus aureus labeled with gold nanoparticles. <i>Electrophoresis</i> , 2015 , 36, 457-66	3.6	42
42	Development of furcellaran-gelatin films with Se-AgNPs as an active packaging system for extension of mini kiwi shelf life. <i>Food Packaging and Shelf Life</i> , 2019 , 21, 100339	8.2	33
41	Antibody-free detection of infectious bacteria using quantum dots-based barcode assay. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 134, 325-332	3.5	33
40	Using CdTe/ZnSe core/shell quantum dots to detect DNA and damage to DNA. <i>International Journal of Nanomedicine</i> , 2017 , 12, 1277-1291	7.3	30
39	Current Trends in Detection of Histamine in Food and Beverages. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 773-783	5.7	30
38	Comparative study on toxicity of extracellularly biosynthesized and laboratory synthesized CdTe quantum dots. <i>Journal of Biotechnology</i> , 2017 , 241, 193-200	3.7	29
37	The Composites of Graphene Oxide with Metal or Semimetal Nanoparticles and Their Effect on Pathogenic Microorganisms. <i>Materials</i> , 2015 , 8, 2994-3011	3.5	28
36	Synthesis of carbon quantum dots for DNA labeling and its electrochemical, fluorescent and electrophoretic characterization. <i>Chemical Papers</i> , 2015 , 69,	1.9	25
35	Antiviral activity of fullerene C60 nanocrystals modified with derivatives of anionic antimicrobial peptide maximin H5. <i>Monatshfte für Chemie</i> , 2016 , 147, 905-918	1.4	23
34	Application of CdTe/ZnSe quantum dots in in vitro imaging of chicken tissue and embryo. <i>Photochemistry and Photobiology</i> , 2015 , 91, 417-23	3.6	22
33	Nanocomposite Furcellaran Films-the Influence of Nanofillers on Functional Properties of Furcellaran Films and Effect on Linseed Oil Preservation. <i>Polymers</i> , 2019 , 11,	4.5	22
32	One-pot synthesis of natural amine-modified biocompatible carbon quantum dots with antibacterial activity. <i>Journal of Colloid and Interface Science</i> , 2020 , 580, 30-48	9.3	18
31	Zinc phosphate-based nanoparticles as a novel antibacterial agent: study on rats after dietary exposure. <i>Journal of Animal Science and Biotechnology</i> , 2019 , 10, 17	6	17
30	Intelligent and active composite films based on furcellaran: Structural characterization, antioxidant and antimicrobial activities. <i>Food Packaging and Shelf Life</i> , 2019 , 22, 100405	8.2	16
29	Advanced nanotechnologies in avian influenza: Current status and future trends - A review. <i>Analytica Chimica Acta</i> , 2017 , 983, 42-53	6.6	16

28	Gold nanoparticles-modified nanomagnetite and quantum dots-based hybridization assay for detection of HPV. <i>Sensors and Actuators B: Chemical</i> , 2017 , 240, 503-510	8.5	16
27	Novel vancomycin-peptide conjugate as potent antibacterial agent against vancomycin-resistant. <i>Infection and Drug Resistance</i> , 2018 , 11, 1807-1817	4.2	16
26	Peptide-based electrochemical biosensors utilized for protein detection. <i>Biosensors and Bioelectronics</i> , 2021 , 180, 113087	11.8	15
25	The Zinc-Schiff Base-Novocidin Complex as a Potential Prostate Cancer Therapy. <i>PLoS ONE</i> , 2016 , 11, e0163983	3.7	15
24	Antimicrobial Agent Based on Selenium Nanoparticles and Carboxymethyl Cellulose for the Treatment of Bacterial Infections. <i>Journal of Biomedical Nanotechnology</i> , 2017 , 13, 767-777	4	13
23	Peptide-Carbon Quantum Dots conjugate, Derived from Human Retinoic Acid Receptor Responder Protein 2, against Antibiotic-Resistant Gram Positive and Gram Negative Pathogenic Bacteria. <i>Nanomaterials</i> , 2020 , 10,	5.4	13
22	Real-Time Visualization of Cell Membrane Damage Using Gadolinium-Schiff Base Complex-Doped Quantum Dots. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 35859-35868	9.5	13
21	Encapsulation of Doxorubicin in Furcellaran/Chitosan Nanocapsules by Layer-by-Layer Technique for Selectively Controlled Drug Delivery. <i>Biomacromolecules</i> , 2020 , 21, 418-434	6.9	12
20	Alternative Synthesis Route of Biocompatible Polyvinylpyrrolidone Nanoparticles and Their Effect on Pathogenic Microorganisms. <i>Molecular Pharmaceutics</i> , 2017 , 14, 221-233	5.6	9
19	Fully automated process for histamine detection based on magnetic separation and fluorescence detection. <i>Talanta</i> , 2020 , 212, 120789	6.2	9
18	Particle-based immunochemical separation of methicillin resistant Staphylococcus aureus with indirect electrochemical detection of labeling oligonucleotides. <i>Analytical Methods</i> , 2016 , 8, 5123-5128	3.2	9
17	SDS-PAGE as a Tool for Hydrodynamic Diameter-Dependent Separation of Quantum Dots. <i>Chromatographia</i> , 2015 , 78, 785-793	2.1	9
16	Exceptional release kinetics and cytotoxic selectivity of oxidised MWCNTs double-functionalised with doxorubicin and prostate-homing peptide. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 156, 123-132	6	8
15	Real-time monitoring of the UV-induced formation of quantum dots on a milliliter, microliter, and nanoliter scale. <i>Mikrochimica Acta</i> , 2017 , 184, 1489-1497	5.8	7
14	3D printed stratospheric probe as a platform for determination of DNA damage based on carbon quantum dots/DNA complex fluorescence increase. <i>Monatshefte Für Chemie</i> , 2016 , 147, 873-880	1.4	5
13	Use of nucleic acids anchor system to reveal apoferritin modification by cadmium telluride nanoparticles. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 2109-2118	7.3	5
12	Norepinephrine transporter-derived homing peptides enable rapid endocytosis of drug delivery nanovehicles into neuroblastoma cells. <i>Journal of Nanobiotechnology</i> , 2020 , 18, 95	9.4	3
11	Characterization and Analysis of Probiotic-Derived Peptides Against Multi Drug Resistance Bacterial Infections. <i>Frontiers in Microbiology</i> , 2020 , 11, 1963	5.7	3

10	Structural and biological characterization of anticancer nickel(II) bis(benzimidazole) complex. <i>Journal of Inorganic Biochemistry</i> , 2021 , 217, 111395	4.2	3
9	A two-step protocol for isolation of influenza A (H7N7) virions and their RNA for PCR diagnostics based on modified paramagnetic particles. <i>Electrophoresis</i> , 2016 , 37, 2025-35	3.6	3
8	Synthesis and structural characterization of antimicrobial binuclear copper(II) coordination compounds bridged by hydroxy- and/or thiodipropionic acid. <i>Journal of Inorganic Biochemistry</i> , 2019 , 191, 8-20	4.2	3
7	A Novel Biocompatible Titanium-Gadolinium Quantum Dot as a Bacterial Detecting Agent with High Antibacterial Activity. <i>Nanomaterials</i> , 2020 , 10,	5.4	2
6	Europium and terbium Schiff base peptide complexes as potential antimicrobial agents against <i>Salmonella typhimurium</i> and <i>Pseudomonas aeruginosa</i> . <i>Chemical Papers</i> , 2018 , 72, 1437-1449	1.9	2
5	Functional Analysis of Novicidin Peptide: Coordinated Delivery System for Zinc via Schiff Base Ligand. <i>Bioconjugate Chemistry</i> , 2018 , 29, 2954-2969	6.3	2
4	Electrochemical Characterization of the Interaction of Multiwalled Carbon Nanotubes with Doxorubicin. <i>Analytical Letters</i> , 2017 , 50, 2335-2341	2.2	1
3	Conotoxin-derived biomimetic coiled cone-shaped peptide as ligand for selective nanodelivery to norepinephrine transporter-expressing neuroblastoma cells. <i>Applied Materials Today</i> , 2022 , 27, 101410	6.6	0
2	Carbon Nanomaterials for Chromium (VI) Removal from Aqueous Solution 2016 , 109-126		
1	ELISA-like Analysis of Cisplatinated DNA Using Magnetic Separation. <i>Nanobiomedicine</i> , 2015 , 2, 10	4.8	