

# Vedran MilosavljeviÄ

## List of Publications by Year in descending order

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45  
papers

1,358  
citations

304701

22  
h-index

345203

36  
g-index

49  
all docs

49  
docs citations

49  
times ranked

2120  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoarchitectonics of graphene based sensors for food safety monitoring. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 9605-9633.	10.3	3
2	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.	4.3	1
3	Structural and biological characterization of anticancer nickel(II) bis(benzimidazole) complex. <i>Journal of Inorganic Biochemistry</i> , 2021, 217, 111395.	3.5	11
4	Peptide-based electrochemical biosensors utilized for protein detection. <i>Biosensors and Bioelectronics</i> , 2021, 180, 113087.	10.1	70
5	Encapsulation of Doxorubicin in Furcellaran/Chitosan Nanocapsules by Layer-by-Layer Technique for Selectively Controlled Drug Delivery. <i>Biomacromolecules</i> , 2020, 21, 418-434.	5.4	26
6	Norepinephrine transporter-derived homing peptides enable rapid endocytosis of drug delivery nanovehicles into neuroblastoma cells. <i>Journal of Nanobiotechnology</i> , 2020, 18, 95.	9.1	8
7	Characterization and in vitro Analysis of Probiotic-Derived Peptides Against Multi Drug Resistance Bacterial Infections. <i>Frontiers in Microbiology</i> , 2020, 11, 1963.	3.5	4
8	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.	9.4	45
9	Fully automated process for histamine detection based on magnetic separation and fluorescence detection. <i>Talanta</i> , 2020, 212, 120789.	5.5	17
10	A Novel Biocompatible Titanium-Gadolinium Quantum Dot as a Bacterial Detecting Agent with High Antibacterial Activity. <i>Nanomaterials</i> , 2020, 10, 778.	4.1	10
11	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, 325.	4.1	32
12	Intelligent and active composite films based on furcellaran: Structural characterization, antioxidant and antimicrobial activities. <i>Food Packaging and Shelf Life</i> , 2019, 22, 100405.	7.5	30
13	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.	7.5	60
14	Zinc-Phosphate-based nanoparticles as a novel antibacterial agent: in vivo study on rats after dietary exposure. <i>Journal of Animal Science and Biotechnology</i> , 2019, 10, 17.	5.3	27
15	Nanocomposite Furcellaran Films—the Influence of Nanofillers on Functional Properties of Furcellaran Films and Effect on Linseed Oil Preservation. <i>Polymers</i> , 2019, 11, 2046.	4.5	37
16	Current Trends in Detection of Histamine in Food and Beverages. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 773-783.	5.2	65
17	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.	3.5	5
18	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.	2.2	2

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19	Development and characterisation of furcellaran-gelatin films containing SeNPs and AgNPs that have antimicrobial activity. <i>Food Hydrocolloids</i> , 2018, 83, 9-16.	10.7	59
20	Real-Time Visualization of Cell Membrane Damage Using Gadoliniumâ€“Schiff Base Complex-Doped Quantum Dots. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 35859-35868.	8.0	19
21	Novel vancomycin&ndash;peptide conjugate as potent antibacterial agent against vancomycin-resistant <em>Staphylococcus aureus</em>. <i>Infection and Drug Resistance</i> , 2018, Volume 11, 1807-1817.	2.7	28
22	Functional Analysis of Novicidin Peptide: Coordinated Delivery System for Zinc via Schiff Base Ligand. <i>Bioconjugate Chemistry</i> , 2018, 29, 2954-2969.	3.6	2
23	Selenium nanoparticles as a nutritional supplement. <i>Nutrition</i> , 2017, 33, 83-90.	2.4	345
24	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.	5.0	8
25	Alternative Synthesis Route of Biocompatible Polyvinylpyrrolidone Nanoparticles and Their Effect on Pathogenic Microorganisms. <i>Molecular Pharmaceutics</i> , 2017, 14, 221-233.	4.6	10
26	Electrochemical Characterization of the Interaction of Multiwalled Carbon Nanotubes with Doxorubicin. <i>Analytical Letters</i> , 2017, 50, 2335-2341.	1.8	1
27	Advanced nanotechnologies in avian influenza: Current status and future trends â€“ A review. <i>Analytica Chimica Acta</i> , 2017, 983, 42-53.	5.4	23
28	Comparative study on toxicity of extracellularly biosynthesized and laboratory synthesized CdTe quantum dots. <i>Journal of Biotechnology</i> , 2017, 241, 193-200.	3.8	41
29	Antibody-free detection of infectious bacteria using quantum dots-based barcode assay. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 134, 325-332.	2.8	38
30	Gold nanoparticles-modified nanomaghemite and quantum dots-based hybridization assay for detection of HPV. <i>Sensors and Actuators B: Chemical</i> , 2017, 240, 503-510.	7.8	23
31	Using CdTe/ZnSe core/shell quantum dots to detect DNA and damage to DNA. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 1277-1291.	6.7	36
32	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.	1.1	18
33	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.	5.0	10
34	The Zinc-Schiff Base-Novicidin Complex as a Potential Prostate Cancer Therapy. <i>PLoS ONE</i> , 2016, 11, e0163983.	2.5	23
35	A twoâ€“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, 2025-2035.	2.4	3
36	Particle-based immunochemical separation of methicillin resistant <i>Staphylococcus aureus</i> with indirect electrochemical detection of labeling oligonucleotides. <i>Analytical Methods</i> , 2016, 8, 5123-5128.	2.7	12

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37	Antiviral activity of fullerene C60 nanocrystals modified with derivatives of anionic antimicrobial peptide maximin H5. Monatshefte FÄr Chemie, 2016, 147, 905-918.	1.8	31
38	3D printed stratospheric probe as a platform for determination of DNA damage based on carbon quantum dots/DNA complex fluorescence increase. Monatshefte FÄr Chemie, 2016, 147, 873-880.	1.8	8
39	The Composites of Graphene Oxide with Metal or Semimetal Nanoparticles and Their Effect on Pathogenic Microorganisms. Materials, 2015, 8, 2994-3011.	2.9	38
40	ELISA-like Analysis of Cisplatinated DNA Using Magnetic Separation. Nanobiomedicine, 2015, 2, 10.	5.7	0
41	Use of nucleic acids anchor system to reveal apoferritin modification by cadmium telluride nanoparticles. Journal of Materials Chemistry B, 2015, 3, 2109-2118.	5.8	7
42	SDS-PAGE as a Tool for Hydrodynamic Diameter-Dependent Separation of Quantum Dots. Chromatographia, 2015, 78, 785-793.	1.3	10
43	Application of CdTe/ZnSe Quantum Dots in <i>In Vitro</i> Imaging of Chicken Tissue and Embryo. Photochemistry and Photobiology, 2015, 91, 417-423.	2.5	27
44	Synthesis of carbon quantum dots for DNA labeling and its electrochemical, fluorescent and electrophoretic characterization. Chemical Papers, 2015, 69, .	2.2	30
45	3Dâprinted chip for detection of methicillinâresistant <i>Staphylococcus aureus</i> labeled with gold nanoparticles. Electrophoresis, 2015, 36, 457-466.	2.4	51