

# Rovshan Khalilov

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

2,018  
citations

201674  
27  
h-index

361022  
35  
g-index

35  
all docs

35  
docs citations

35  
times ranked

2835  
citing authors

#	ARTICLE	IF	CITATIONS
1	Migrasomes and exosomes; different types of messaging vesicles in podocytes. <i>Cell Biology International</i> , 2022, 46, 52-62.	3.0	4
2	Green Synthesis, Characterization of Gold Nanomaterials using <i>Gundelia tournefortii</i> Leaf Extract, and Determination of Their Nanomedicinal (Antibacterial, Antifungal, and Cytotoxic) Potential. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-10.	2.7	15
3	Investigation of Antimicrobial and Cytotoxic Properties and Specification of Silver Nanoparticles (AgNPs) Derived From <i>Cicer arietinum</i> L. Green Leaf Extract. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 855136.	4.1	61
4	Biosynthesis of AgNPs onto the urea-based periodic mesoporous organosilica (AgxNPs/Ur-PMO) for antibacterial and cell viability assay. <i>Journal of Colloid and Interface Science</i> , 2021, 585, 676-683.	9.4	62
5	Nanotechnology against the novel coronavirus (severe acute respiratory syndrome coronavirus-2): diagnosis, treatment, therapy and future perspectives. <i>Nanomedicine</i> , 2021, 16, 497-516.	3.3	61
6	Predicting the environmental suitability for onchocerciasis in Africa as an aid to elimination planning. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0008824.	3.0	10
7	Sustainable design and novel synthesis of highly recyclable magnetic carbon containing aromatic sulfonic acid: $\text{Fe}_3\text{O}_4@\text{C}/\text{PhSO}_3\text{H}$ as green solid acid promoted regioselective synthesis of tetrazoloquinazolines. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6346.	3.5	11
8	Natural and Synthetic Bioinks for 3D Bioprinting. <i>Advanced NanoBiomed Research</i> , 2021, 1, 2000097.	3.6	60
9	Ecofriendly/Rapid Synthesis of Silver Nanoparticles Using Extract of Waste Parts of Artichoke ( <i>Cynara scolymus</i> L.) and Evaluation of their Cytotoxic and Antibacterial Activities. <i>Journal of Nanomaterials</i> , 2021, 2021, 1-10.	2.7	50
10	A Comprehensive Review of Detection Methods for SARS-CoV-2. <i>Microorganisms</i> , 2021, 9, 232.	3.6	74
11	Nanomaterials for Chronic Kidney Disease Detection. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9656.	2.5	13
12	Ecofriendly Synthesis of Silver Nanoparticles Using <i>Ananas comosus</i> Fruit Peels: Anticancer and Antimicrobial Activities. <i>Bioinorganic Chemistry and Applications</i> , 2021, 2021, 1-8.	4.1	38
13	Study of Endogenous Paramagnetic Centers in Biological Systems from Different Areas. <i>Concepts in Magnetic Resonance Part B</i> , 2021, 2021, 1-5.	0.7	1
14	Detection of pathogenic bacteria via nanomaterials-modified aptasensors. <i>Biosensors and Bioelectronics</i> , 2020, 150, 111933.	10.1	118
15	Estimating global injuries morbidity and mortality: methods and data used in the Global Burden of Disease 2017 study. <i>Injury Prevention</i> , 2020, 26, i125-i153.	2.4	44
16	Global injury morbidity and mortality from 1990 to 2017: results from the Global Burden of Disease Study 2017. <i>Injury Prevention</i> , 2020, 26, i96-i114.	2.4	103
17	Global trends of hand and wrist trauma: a systematic analysis of fracture and digit amputation using the Global Burden of Disease 2017 Study. <i>Injury Prevention</i> , 2020, 26, i115-i124.	2.4	51
18	Antimicrobial activity of curcumin nanoformulations: New trends and future perspectives. <i>Phytotherapy Research</i> , 2020, 34, 1926-1946.	5.8	96

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19	Epidemiology of facial fractures: incidence, prevalence and years lived with disability estimates from the Global Burden of Disease 2017 study. <i>Injury Prevention</i> , 2020, 26, i27-i35.	2.4	67
20	Effects of quercetin loaded nanostructured lipid carriers on the paraquat-induced toxicity in human lymphocytes. <i>Pesticide Biochemistry and Physiology</i> , 2020, 167, 104586.	3.6	85
21	Gelatin-hydroxyapatite nano-fibers as promising scaffolds for guided tissue regeneration (GTR): Preparation, assessment of the physicochemical properties and the effect on mesenchymal stem cells. <i>Journal of Advanced Periodontology &amp; Implant Dentistry</i> , 2020, 12, 25-30.	0.6	2
22	The effect of hyaluronic acid hydrogels on dental pulp stem cells behavior. <i>International Journal of Biological Macromolecules</i> , 2019, 140, 245-254.	7.5	61
23	Current analytical approaches in diagnosis of melanoma. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 116, 122-135.	11.4	50
24	The potential of nanomaterials in theranostics of oral squamous cell carcinoma: Recent progress. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 116, 167-176.	11.4	49
25	Bioassay of saliva proteins: The best alternative for conventional methods in non-invasive diagnosis of cancer. <i>International Journal of Biological Macromolecules</i> , 2019, 124, 1246-1255.	7.5	63
26	Synthesis, characterization and in vitro evaluation of magnetic nanoparticles modified with PCL-PEG-PCL for controlled delivery of 5FU. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 938-945.	2.8	44
27	The role of microRNAs and nanoparticles in ovarian cancer: a review. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 241-247.	2.8	36
28	An overview application of silver nanoparticles in inhibition of herpes simplex virus. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 263-267.	2.8	49
29	Recent advances on biomedical applications of scaffolds in wound healing and dermal tissue engineering. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 691-705.	2.8	162
30	Magnetic carbon nanotubes: preparation, physical properties, and applications in biomedicine. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1314-1330.	2.8	58
31	pH- and thermo-sensitive MTX-loaded magnetic nanocomposites: synthesis, characterization, and <i>in vitro</i> studies on A549 lung cancer cell and MR imaging. <i>Drug Development and Industrial Pharmacy</i> , 2018, 44, 452-462.	2.0	34
32	Biomedical applications of aluminium oxide nanoparticles. <i>Micro and Nano Letters</i> , 2018, 13, 1227-1231.	1.3	59
33	Current developments in green synthesis of metallic nanoparticles using plant extracts: a review. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 336-343.	2.8	152
34	Recent advances on liposomal nanoparticles: synthesis, characterization and biomedical applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 788-799.	2.8	172
35	Synthesis and Evaluation of a Triblock Copolymer/ZnO Nanoparticles from Poly( $\epsilon$ -caprolactone) and Poly(Acrylic Acid) as a Potential Drug Delivery Carrier. <i>Drug Research</i> , 2017, 67, 228-238.	1.7	3