

# Dmitriy E Burmistrov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9711949/publications.pdf>

Version: 2024-02-01

16  
papers

550  
citations

933447

10  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

293  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Mini Review of Antibacterial Properties of ZnO Nanoparticles. <i>Frontiers in Physics</i> , 2021, 9, .	2.1	233
2	Do Iron Oxide Nanoparticles Have Significant Antibacterial Properties?. <i>Antibiotics</i> , 2021, 10, 884.	3.7	143
3	Properties and Use of Water Activated by Plasma of Piezoelectric Direct Discharge. <i>Frontiers in Physics</i> , 2021, 8, .	2.1	31
4	New Nanostructured Carbon Coating Inhibits Bacterial Growth, but Does Not Influence on Animal Cells. <i>Nanomaterials</i> , 2020, 10, 2130.	4.1	18
5	Application of Optical Quality Control Technologies in the Dairy Industry: An Overview. <i>Photonics</i> , 2021, 8, 551.	2.0	18
6	Bacteriostatic and Cytotoxic Properties of Composite Material Based on ZnO Nanoparticles in PLGA Obtained by Low Temperature Method. <i>Polymers</i> , 2022, 14, 49.	4.5	15
7	Signatures of the Consolidated Response of Astrocytes to Ischemic Factors In Vitro. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7952.	4.1	14
8	Effect of Up-Converting Luminescent Nanoparticles with Increased Quantum Yield Incorporated into the Fluoropolymer Matrix on <i>Solanum lycopersicum</i> Growth. <i>Agronomy</i> , 2022, 12, 108.	3.0	14
9	Antibacterial behavior of organosilicon composite with nano aluminum oxide without influencing animal cells. <i>Reactive and Functional Polymers</i> , 2022, 170, 105143.	4.1	13
10	New Organosilicon Composite Based on Borosiloxane and Zinc Oxide Nanoparticles Inhibits Bacterial Growth, but Does Not Have a Toxic Effect on the Development of Animal Eukaryotic Cells. <i>Materials</i> , 2021, 14, 6281.	2.9	12
11	Cultivation of <i>Solanum lycopersicum</i> under Glass Coated with Nanosized Upconversion Luminophore. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10726.	2.5	10
12	Synthesis of a Novel, Biocompatible and Bacteriostatic Borosiloxane Composition with Silver Oxide Nanoparticles. <i>Materials</i> , 2022, 15, 527.	2.9	10
13	Using Fluorescence Spectroscopy to Detect Rot in Fruit and Vegetable Crops. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 3391.	2.5	10
14	Additive Production of a Material Based on an Acrylic Polymer with a Nanoscale Layer of ZnO Nanorods Deposited Using a Direct Current Magnetron Discharge: Morphology, Photoconversion Properties, and Biosafety. <i>Materials</i> , 2021, 14, 6586.	2.9	9
15	Analysis of time lapse imaging of astrocyte calcium activity and reconstruction of astrocytic networks. , 2020, , .		0
16	Network features of consolidated astrocytic response in modeled ischemia-like conditions in vitro. , 2020, , .		0