

# Milica D Budimir

## List of Publications by Year in descending order

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27  
papers

1,173  
citations

567144

15  
h-index

552653

26  
g-index

29  
all docs

29  
docs citations

29  
times ranked

2087  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoactive graphene quantum dots/bacterial cellulose hydrogels: Structural, mechanical, and pro-oxidant study. <i>Journal of Applied Polymer Science</i> , 2022, 139, 51996.	1.3	4
2	Bactericidal and antioxidant bacterial cellulose hydrogels doped with chitosan as potential urinary tract infection biomedical agent. <i>RSC Advances</i> , 2021, 11, 8559-8568.	1.7	11
3	Photoactive and antioxidant nanochitosan dots/biocellulose hydrogels for wound healing treatment. <i>Materials Science and Engineering C</i> , 2021, 122, 111925.	3.8	26
4	Enhanced visible light-triggered antibacterial activity of carbon quantum dots/polyurethane nanocomposites by gamma rays induced pre-treatment. <i>Radiation Physics and Chemistry</i> , 2021, 185, 109499.	1.4	15
5	Chronic wound dressings " Pathogenic bacteria anti-biofilm treatment with bacterial cellulose-chitosan polymer or bacterial cellulose-chitosan dots composite hydrogels. <i>International Journal of Biological Macromolecules</i> , 2021, 191, 315-323.	3.6	17
6	Graphene quantum dots as singlet oxygen producer or radical quencher - The matter of functionalization with urea/thiourea. <i>Materials Science and Engineering C</i> , 2020, 109, 110539.	3.8	42
7	Nanoscale materials for the treatment of water contaminated by bacteria and viruses. , 2020, , 261-305.		3
8	Gamma irradiation of graphene quantum dots with ethylenediamine: Antioxidant for ion sensing. <i>Ceramics International</i> , 2020, 46, 23611-23622.	2.3	16
9	Antibacterial photodynamic activity of carbon quantum dots/polydimethylsiloxane nanocomposites against <i>Staphylococcus aureus</i> , <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> . <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 26, 342-349.	1.3	59
10	Efficient capture and photothermal ablation of planktonic bacteria and biofilms using reduced graphene oxide-polyethyleneimine flexible nanoheaters. <i>Journal of Materials Chemistry B</i> , 2019, 7, 2771-2781.	2.9	31
11	Gamma ray assisted modification of carbon quantum dot/polyurethane nanocomposites: structural, mechanical and photocatalytic study. <i>RSC Advances</i> , 2019, 9, 6278-6286.	1.7	10
12	Simple route for the preparation of graphene/poly(styrene-butadiene-styrene) nanocomposite films with enhanced electrical conductivity and hydrophobicity. <i>Polymer International</i> , 2018, 67, 1118-1127.	1.6	4
13	Enhancing photoluminescence of graphene quantum dots by thermal annealing of the graphite precursor. <i>Materials Research Bulletin</i> , 2017, 93, 183-193.	2.7	36
14	Graphene quantum dots and fullerene as new carbon sources for single-layer and bi-layer graphene synthesis by rapid thermal annealing method. <i>Materials Research Bulletin</i> , 2017, 88, 114-120.	2.7	9
15	Effects of low gamma irradiation dose on the photoluminescence properties of graphene quantum dots. <i>Optical and Quantum Electronics</i> , 2016, 48, 1.	1.5	13
16	Semi-transparent, conductive thin films of electrochemically exfoliated graphene. <i>RSC Advances</i> , 2016, 6, 39275-39283.	1.7	29
17	Rapid thermal annealing of nickel-carbon nanowires for graphene nanoribbons formation. <i>Synthetic Metals</i> , 2016, 218, 43-49.	2.1	15
18	SYNTHESIS AND CHARACTERIZATION OF ELECTROCHEMICALLY EXFOLIATED GRAPHENE-MOLYBDOPHOSPHATE HYBRID MATERIALS FOR CHARGE STORAGE DEVICES. <i>Electrochimica Acta</i> , 2016, 217, 34-46.	2.6	4

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19	Raman study of the interactions between highly ordered pyrolytic graphite (HOPG) and polyoxometalates: The effects of acid concentration. <i>Journal of the Serbian Chemical Society</i> , 2016, 81, 777-787.	0.4	4
20	Nanomaterial with High Antimicrobial Efficacy—Copper/Polyaniline Nanocomposite. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 1955-1966.	4.0	140
21	Synthesis, structural characterisation and antibacterial activity of Ag <sup>+</sup> -doped fluorapatite nanomaterials prepared by neutralization method. <i>Applied Surface Science</i> , 2015, 337, 72-80.	3.1	42
22	The effect of annealing temperature and time on synthesis of graphene thin films by rapid thermal annealing. <i>Synthetic Metals</i> , 2015, 209, 461-467.	2.1	21
23	Modification of Structural and Luminescence Properties of Graphene Quantum Dots by Gamma Irradiation and Their Application in a Photodynamic Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 25865-25874.	4.0	94
24	Photodynamic antibacterial effect of graphene quantum dots. <i>Biomaterials</i> , 2014, 35, 4428-4435.	5.7	341
25	Copper nanoparticles with high antimicrobial activity. <i>Materials Letters</i> , 2014, 128, 75-78.	1.3	154
26	Preparation of PEDOT:PSS thin films doped with graphene and graphene quantum dots. <i>Synthetic Metals</i> , 2014, 198, 150-154.	2.1	27
27	Silver film on nanocrystalline TiO <sub>2</sub> support: Photocatalytic and antimicrobial ability. <i>Materials Research Bulletin</i> , 2014, 60, 824-829.	2.7	6