

# Dimitar Mitev

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

378  
citations

933447

10  
h-index

794594

19  
g-index

25  
all docs

25  
docs citations

25  
times ranked

577  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detonation nanodiamonds are promising nontoxic delivery system for urothelial cells. <i>Protoplasma</i> , 2018, 255, 419-423.	2.1	7
2	Valorization of spent coffee grounds – A new approach. <i>Separation and Purification Technology</i> , 2018, 192, 271-277.	7.9	36
3	PECVD modification of nano & ultrafiltration membranes for organic solvent nanofiltration. <i>Journal of Membrane Science</i> , 2018, 548, 540-547.	8.2	11
4	Increased elastic modulus of plasma polymer coatings reinforced with detonation nanodiamond particles improves osteogenic differentiation of mesenchymal stem cells. <i>Turkish Journal of Biology</i> , 2018, 42, 195-203.	0.8	1
5	Elemental analysis of nanodiamonds by inductively coupled plasma hyphenated methods. , 2017, , 109-130.		4
6	Depot effect of bioactive components in experimental membrane filtrations. <i>Journal of Physics: Conference Series</i> , 2017, 780, 012005.	0.4	1
7	Symposium DD: Light interaction with nanomaterials. <i>Materials Today: Proceedings</i> , 2017, 4, S1-S2.	1.8	0
8	Optical characterization of composite layers prepared by plasma polymerization. <i>Journal of Physics: Conference Series</i> , 2016, 682, 012025.	0.4	1
9	PECVD polymerised coatings on thermo-sensitive plastic support. <i>Journal of Physics: Conference Series</i> , 2016, 682, 012014.	0.4	6
10	Antioxidant activity of membrane-fractionated coffee extracts in dependence of the storage conditions. <i>Journal of Physics: Conference Series</i> , 2016, 764, 012007.	0.4	1
11	From superresolution to nanodetection: overview of far field optical nanoscopy techniques for nanostructures. <i>Journal of Physics: Conference Series</i> , 2016, 682, 012010.	0.4	10
12	Assessing the extent, stability, purity and properties of silanised detonation nanodiamond. <i>Applied Surface Science</i> , 2015, 357, 397-406.	6.1	14
13	Development of Polymer/Nanodiamond Composite Coatings to Control Cell Adhesion, Growth, and Functions. <i>Behavior Research Methods</i> , 2015, 21, 1-26.	4.0	3
14	Comparative study of cytotoxicity of detonation nanodiamond particles with an osteosarcoma cell line and primary mesenchymal stem cells. <i>Biotechnology and Biotechnological Equipment</i> , 2014, 28, 733-739.	1.3	28
15	Screening of elemental impurities in commercial detonation nanodiamond using sector field inductively coupled plasma-mass spectrometry. <i>Journal of Materials Science</i> , 2014, 49, 3573-3591.	3.7	40
16	Functionalisation of mesoporous silica gel with 2-[(phosphonomethyl)-amino]acetic acid functional groups. Characterisation and application. <i>Applied Surface Science</i> , 2014, 288, 373-380.	6.1	18
17	Microwave-assisted purification of detonation nanodiamond. <i>Diamond and Related Materials</i> , 2014, 48, 37-46.	3.9	30
18	Separation and characterisation of detonation nanodiamond by capillary zone electrophoresis. <i>Electrophoresis</i> , 2014, 35, 1864-1872.	2.4	11

#	ARTICLE	IF	CITATIONS
19	Direct determination of transition metals in mussel tissue digests using high-performance chelation ion chromatography with monolithic silica based chelating ion exchangers. <i>Analytical Methods</i> , 2013, 5, 2666.	2.7	9
20	Direct sector field ICP-MS determination of metal impurities in detonation nanodiamond. <i>Carbon</i> , 2013, 60, 326-334.	10.3	41
21	Study of detonation nanodiamond " plasma polymerized hexamethyldisiloxan composites for medical application. <i>Journal of Physics: Conference Series</i> , 2010, 253, 012078.	0.4	1
22	Hydroxyapatite Reinforced Coatings with Incorporated Detonationally Generated Nanodiamonds. , 2010, , .		1
23	Study on the preparation and the catalytic performance of Ni-modified shock-wave synthesized diamond blends and nanodispersed diamond. <i>Catalysis Communications</i> , 2007, 8, 1502-1506.	3.3	8
24	Surface peculiarities of detonation nanodiamonds in dependence of fabrication and purification methods. <i>Diamond and Related Materials</i> , 2007, 16, 776-780.	3.9	87
25	Iron oxide modified diamond blends containing ultradispersed diamond. <i>Journal of Colloid and Interface Science</i> , 2006, 300, 183-189.	9.4	9