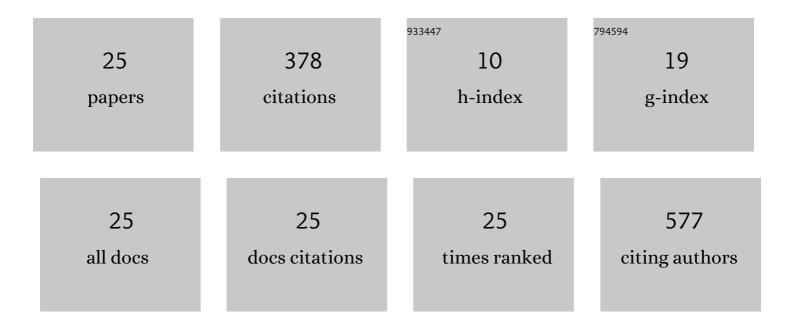
## **Dimitar Mitev**

List of Publications by Year in descending order

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DIMITAD MITEV

#	Article	IF	CITATIONS
1	Surface peculiarities of detonation nanodiamonds in dependence of fabrication and purification methods. Diamond and Related Materials, 2007, 16, 776-780.	3.9	87
2	Direct sector field ICP-MS determination of metal impurities in detonation nanodiamond. Carbon, 2013, 60, 326-334.	10.3	41
3	Screening of elemental impurities in commercial detonation nanodiamond using sector field inductively coupled plasma-mass spectrometry. Journal of Materials Science, 2014, 49, 3573-3591.	3.7	40
4	Valorization of spent coffee grounds – A new approach. Separation and Purification Technology, 2018, 192, 271-277.	7.9	36
5	Microwave-assisted purification of detonation nanodiamond. Diamond and Related Materials, 2014, 48, 37-46.	3.9	30
6	Comparative study of cytotoxicity of detonation nanodiamond particles with an osteosarcoma cell line and primary mesenchymal stem cells. Biotechnology and Biotechnological Equipment, 2014, 28, 733-739.	1.3	28
7	Functionalisation of mesoporous silica gel with 2-[(phosphonomethyl)-amino]acetic acid functional groups. Characterisation and application. Applied Surface Science, 2014, 288, 373-380.	6.1	18
8	Assessing the extent, stability, purity and properties of silanised detonation nanodiamond. Applied Surface Science, 2015, 357, 397-406.	6.1	14
9	Separation and characterisation of detonation nanodiamond by capillary zone electrophoresis. Electrophoresis, 2014, 35, 1864-1872.	2.4	11
10	PECVD modification of nano & ultrafiltration membranes for organic solvent nanofiltration. Journal of Membrane Science, 2018, 548, 540-547.	8.2	11
11	From superresolution to nanodetection: overview of far field optical nanoscopy techniques for nanostructures. Journal of Physics: Conference Series, 2016, 682, 012010.	0.4	10
12	Iron oxide modified diamond blends containing ultradispersed diamond. Journal of Colloid and Interface Science, 2006, 300, 183-189.	9.4	9
13	Direct determination of transition metals in mussel tissue digests using high-performance chelation ion chromatography with monolithic silica based chelating ion exchangers. Analytical Methods, 2013, 5, 2666.	2.7	9
14	Study on the preparation and the catalytic performance of Ni-modified shock-wave synthesized diamond blends and nanodispersed diamond. Catalysis Communications, 2007, 8, 1502-1506.	3.3	8
15	Detonation nanodiamonds are promising nontoxic delivery system for urothelial cells. Protoplasma, 2018, 255, 419-423.	2.1	7
16	PECVD polymerised coatings on thermo-sensitive plastic support. Journal of Physics: Conference Series, 2016, 682, 012014.	0.4	6
17	Elemental analysis of nanodiamonds by inductively coupled plasma hyphenated methods. , 2017, , 109-130.		4
18	Development of Polymer/Nanodiamond Composite Coatings to Control Cell Adhesion, Growth, and Functions. Behavior Research Methods, 2015, 21, 1-26.	4.0	3

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#	Article	IF	CITATIONS
19	Study of detonation nanodiamond – plasma polymerized hexamethildisiloxan composites for medical application. Journal of Physics: Conference Series, 2010, 253, 012078.	0.4	1
20	Hydroxyapatite Reinforced Coatings with Incorporated Detonationally Generated Nanodiamonds. , 2010, , .		1
21	Optical characterization of composite layers prepared by plasma polymerization. Journal of Physics: Conference Series, 2016, 682, 012025.	0.4	1
22	Antioxidant activity of membrane-fractionated coffee extracts in dependence of the storage conditions. Journal of Physics: Conference Series, 2016, 764, 012007.	0.4	1
23	Depot effect of bioactive components in experimental membrane filtrations. Journal of Physics: Conference Series, 2017, 780, 012005.	0.4	1
24	Increased elastic modulus of plasma polymer coatings reinforced with detonation nanodiamond particles improves osteogenic differentiation of mesenchymal stem cells. Turkish Journal of Biology, 2018, 42, 195-203.	0.8	1
25	Symposium DD: Light interaction with nanomaterials. Materials Today: Proceedings, 2017, 4, S1-S2.	1.8	0