

# Milica Todea

## List of Publications by Year in descending order

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48  
papers

761  
citations

516710

16  
h-index

552781

26  
g-index

48  
all docs

48  
docs citations

48  
times ranked

1059  
citing authors

#	ARTICLE	IF	CITATIONS
1	Co-Crystals of Etravirine by Mechanochemical Activation. Journal of Pharmaceutical Sciences, 2022, 111, 1178-1186.	3.3	2
2	Stratified diffusion of HOD-D2O inside COOH- and NH2-functionalized multi-walled carbon nanotubes studied by NMR spectroscopy. Journal of Molecular Structure, 2022, 1249, 131653.	3.6	2
3	Structural characterization of interfaces in silica core-alumina shell microspheres by solid-state NMR spectroscopy. Solid State Nuclear Magnetic Resonance, 2022, 117, 101773.	2.3	4
4	Influence of different silver species on the structure of bioactive silicate glasses. Journal of Non-Crystalline Solids, 2022, 583, 121498.	3.1	8
5	Bioactive Properties of Composites Based on Silicate Glasses and Different Silver and Gold Structures. Materials, 2022, 15, 1655.	2.9	2
6	Folic acid functionalized gold nanoclusters for enabling targeted fluorescence imaging of human ovarian cancer cells. Talanta, 2021, 225, 121960.	5.5	41
7	Shape tailoring of AgBr microstructures: effect of the cations of different bromide sources and applied surfactants. RSC Advances, 2021, 11, 9709-9720.	3.6	3
8	Femtosecond pulsed laser microscopy: a new tool to assess the in vitro delivered dose of carbon nanotubes in cell culture experiments. Particle and Fibre Toxicology, 2021, 18, 9.	6.2	2
9	Silica-based microspheres with aluminum-iron oxide shell for diagnosis and cancer treatment. Journal of Molecular Structure, 2021, 1246, 131149.	3.6	3
10	Bone quality around implants: a comparative study of coating with hydroxyapatite and $\text{SiO}_2\text{-TiO}_2$ of $\text{Ti}_6\text{Al}_7\text{Nb}$ implants. Particulate Science and Technology, 2020, 38, 944-951.	2.1	1
11	A new, fast and facile synthesis method for reduced graphene oxide in N,N-dimethylformamide. Synthetic Metals, 2020, 269, 116576.	3.9	12
12	The pulmonary toxicity of carboxylated or aminated multi-walled carbon nanotubes in mice is determined by the prior purification method. Particle and Fibre Toxicology, 2020, 17, 60.	6.2	17
13	Composites based on silicate bioactive glasses and silver iodide microcrystals for tissue engineering applications. Journal of Non-Crystalline Solids, 2020, 547, 120293.	3.1	4
14	Structure-composition correlation in niobium containing borophosphate glasses. Journal of Non-Crystalline Solids, 2020, 542, 120102.	3.1	8
15	Synthesis and characterization of composite $\text{SiO}_2\text{-Al}_2\text{O}_3\text{-Fe}_2\text{O}_3$ core-shell microspheres. Journal of Sol-Gel Science and Technology, 2020, 96, 395-404.	2.4	7
16	Multi-analyses of gallstones and correlation between their properties with the laboratory results. Analytical Biochemistry, 2020, 593, 113587.	2.4	8
17	Hydrothermal crystallization of bismuth oxybromide (BiOBr) in the presence of different shape controlling agents. Applied Surface Science, 2020, 518, 146184.	6.1	27
18	Utilization of Carbon Nanospheres in Photocatalyst Production: From Composites to Highly Active Hollow Structures. Materials, 2019, 12, 2537.	2.9	6

#	ARTICLE	IF	CITATIONS
19	Insights into the effect of gold nanospheres, nanotriangles and spherical nanocages on the structural, morphological and biological properties of bioactive glasses. <i>Journal of Non-Crystalline Solids</i> , 2019, 522, 119552.	3.1	11
20	Effect of different surface treatments on bioactivity of porous titanium implants. <i>Journal of Materials Science and Technology</i> , 2019, 35, 418-426.	10.7	27
21	"Innovative chemical coating protocol for Titanium alloy implants ". <i>Studia Universitatis Babes-Bolyai Chemia</i> , 2019, 64, 207-218.	0.2	0
22	Insights into the morphological and structural particularities of highly sensitive porous bismuth-carbon nanocomposites based electrochemical sensors. <i>Sensors and Actuators B: Chemical</i> , 2018, 268, 398-410.	7.8	15
23	XPS investigation of new solid forms of 5-fluorouracil with piperazine. <i>Journal of Molecular Structure</i> , 2018, 1165, 120-125.	3.6	34
24	Effect of selenium addition on network connectivity in P2O5-CaO-MgO-Na2O glasses. <i>Journal of Non-Crystalline Solids</i> , 2018, 488, 10-13.	3.1	12
25	Structural effect of cobalt ions added to a borophosphate-based glass system. <i>Journal of Non-Crystalline Solids</i> , 2018, 481, 562-567.	3.1	19
26	Heat treatment effect on structure and in vitro bioactivity of titanosilicate microspheres. <i>Applied Surface Science</i> , 2018, 457, 838-845.	6.1	3
27	Facile Green Synthesis of BiOBr Nanostructures with Superior Visible-Light-Driven Photocatalytic Activity. <i>Materials</i> , 2018, 11, 1273.	2.9	39
28	Freeze-drying assisted sol-gel-derived silica-based particles embedding iron: synthesis and characterization. <i>Journal of Sol-Gel Science and Technology</i> , 2018, 87, 195-203.	2.4	3
29	Solid dispersions of Myricetin with enhanced solubility: Formulation, characterization and crystal structure of stability-impeding Myricetin monohydrate crystals. <i>Journal of Molecular Structure</i> , 2017, 1141, 607-614.	3.6	15
30	Versatile self-assembled graphene oxide membranes obtained under ambient conditions by using a water-ethanol suspension. <i>Journal of Materials Chemistry A</i> , 2017, 5, 2132-2142.	10.3	26
31	Peroxo group enhanced nanorutile as visible light active photocatalyst. <i>Catalysis Today</i> , 2017, 284, 129-136.	4.4	18
32	Bioactive and biocompatible copper containing glass-ceramics with remarkable antibacterial properties and high cell viability designed for future in vivo trials. <i>Biomaterials Science</i> , 2016, 4, 1252-1265.	5.4	42
33	Synthesis, structural characterization and in vitro testing of dysprosium containing silica particles as potential MRI contrast enhancing agents. <i>Applied Surface Science</i> , 2016, 385, 569-577.	6.1	2
34	Structural characterization of heavy metal SiO2-Bi2O3 glasses and glass-ceramics. <i>Journal of Non-Crystalline Solids</i> , 2016, 432, 271-276.	3.1	14
35	FTIR and NMR evidence of aluminosilicate microspheres bioactivity tested in simulated body fluid. <i>Journal of Non-Crystalline Solids</i> , 2016, 432, 413-419.	3.1	12
36	Micro-CT and histological analysis of Ti6Al7Nb custom made implants with hydroxyapatite and SiO2-TiO2 coatings in a rabbit model. <i>Medicine and Pharmacy Reports</i> , 2015, 88, 408-414.	0.4	6

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37	Comparative in vitro study regarding the biocompatibility of titanium-base composites infiltrated with hydroxyapatite or silicitanate. <i>Journal of Biological Engineering</i> , 2014, 8, 14.	4.7	32
38	Composite PLA scaffolds reinforced with PDO fibers for tissue engineering. <i>Journal of Biomaterials Applications</i> , 2013, 27, 707-716.	2.4	14
39	Porous c.p. Titanium Using Dextrin as Space Holder for Endosseous Implants. <i>Particulate Science and Technology</i> , 2013, 31, 357-365.	2.1	23
40	XPS analysis of aluminosilicate microspheres bioactivity tested in vitro. <i>Applied Surface Science</i> , 2013, 270, 777-783.	6.1	37
41	Metallurgical and mechanical characterisation of titanium based materials for endosseous applications obtained by selective laser melting. <i>Powder Metallurgy</i> , 2012, 55, 309-314.	1.7	27
42	Effect of surface conditioning on the flowability of Ti6Al7Nb powder for selective laser melting applications. <i>Applied Surface Science</i> , 2012, 258, 3276-3282.	6.1	44
43	Surface structure changes on aluminosilicate microspheres at the interface with simulated body fluid. <i>Corrosion Science</i> , 2012, 54, 299-306.	6.6	13
44	Amorphous and nanostructured silica and aluminosilicate spray-dried microspheres. <i>Journal of Molecular Structure</i> , 2011, 1000, 62-68.	3.6	8
45	Structural properties of yttrium aluminosilicates microspheres. <i>Journal of Physics and Chemistry of Solids</i> , 2011, 72, 164-168.	4.0	12
46	XPS study on silica-bismuthate glasses and glass ceramics. <i>Solid State Communications</i> , 2007, 141, 42-47.	1.9	37
47	Spectroscopic study on iron doped silica-bismuthate glasses and glass ceramics. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 2947-2951.	3.1	57
48	THERMAL INVESTIGATION OF SiO <sub>2</sub> -Bi <sub>2</sub> O <sub>3</sub> HEAVY METAL GLASSES. <i>International Journal of Modern Physics B</i> , 2005, 19, 3293-3299.	2.0	2