

# Gisela M Luz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1525902/publications.pdf>

Version: 2024-02-01

17  
papers

1,119  
citations

759233

12  
h-index

996975

15  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1726  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chitosan/bioactive glass nanoparticle composite membranes for periodontal regeneration. <i>Acta Biomaterialia</i> , 2012, 8, 4173-4180.	8.3	209
2	Biomimetic design of materials and biomaterials inspired by the structure of nacre. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2009, 367, 1587-1605.	3.4	193
3	Nanostructured Polymeric Coatings Based on Chitosan and Dopamine-Modified Hyaluronic Acid for Biomedical Applications. <i>Small</i> , 2014, 10, 2459-2469.	10.0	163
4	Preparation and characterization of bioactive glass nanoparticles prepared by sol-gel for biomedical applications. <i>Nanotechnology</i> , 2011, 22, 494014.	2.6	124
5	Mineralized structures in nature: Examples and inspirations for the design of new composite materials and biomaterials. <i>Composites Science and Technology</i> , 2010, 70, 1777-1788.	7.8	123
6	Chitosan/bioactive glass nanoparticles composites for biomedical applications. <i>Biomedical Materials (Bristol)</i> , 2012, 7, 054104.	3.3	60
7	Mono-dispersed bioactive glass nanospheres: Preparation and effects on biomechanics of mammalian cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 95A, 747-754.	4.0	57
8	Micropatterning of Bioactive Glass Nanoparticles on Chitosan Membranes for Spatial Controlled Biom mineralization. <i>Langmuir</i> , 2012, 28, 6970-6977.	3.5	43
9	Adhesive Bioactive Coatings Inspired by Sea Life. <i>Langmuir</i> , 2016, 32, 560-568.	3.5	34
10	Nanoengineering of bioactive glasses: hollow and dense nanospheres. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	33
11	Wettable arrays onto superhydrophobic surfaces for bioactivity testing of inorganic nanoparticles. <i>Materials Letters</i> , 2011, 65, 296-299.	2.6	28
12	Membranes of poly(DL-lactic acid)/Bioglass <sup>®</sup> with asymmetric bioactivity for biomedical applications. <i>Journal of Bioactive and Compatible Polymers</i> , 2012, 27, 429-440.	2.1	12
13	A nanotectonics approach to produce hierarchically organized bioactive glass nanoparticles-based microspheres. <i>Nanoscale</i> , 2012, 4, 6293.	5.6	12
14	Cell behaviour in new poly(L-lactic acid) films with crystallinity gradients. <i>Materials Letters</i> , 2012, 87, 105-108.	2.6	10
15	Novel antibacterial bioactive glass nanocomposite functionalized with tetracycline hydrochloride. <i>Biomedical Glasses</i> , 2015, 1, .	2.4	8
16	New Composite Membranes Containing Bioactive Glass-Ceramic Nanoparticles and Chitosan for Biomedical Applications. <i>Materials Science Forum</i> , 0, 636-637, 31-35.	0.3	6
17	Bioactivity and Viscoelastic Characterization in Physiological Simulated Conditions of Chitosan/Bioglass <sup>®</sup> Composite Membranes. <i>Materials Science Forum</i> , 0, 636-637, 26-30.	0.3	4