

# Priscyla D Marcato

## List of Publications by Year in descending order

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63  
papers

4,707  
citations

257101

24  
h-index

168136

53  
g-index

63  
all docs

63  
docs citations

63  
times ranked

6271  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanistic aspects of biosynthesis of silver nanoparticles by several <i>Fusarium oxysporum</i> strains. <i>Journal of Nanobiotechnology</i> , 2005, 3, 8.	4.2	813
2	Antibacterial Effect of Silver Nanoparticles Produced by Fungal Process on Textile Fabrics and Their Effluent Treatment. <i>Journal of Biomedical Nanotechnology</i> , 2007, 3, 203-208.	0.5	798
3	Mechanistic aspects in the biogenic synthesis of extracellular metal nanoparticles by peptides, bacteria, fungi, and plants. <i>Applied Microbiology and Biotechnology</i> , 2011, 90, 1609-1624.	1.7	422
4	Exploitation of <i>Aspergillus niger</i> for Synthesis of Silver Nanoparticles. <i>Journal of Biobased Materials and Bioenergy</i> , 2008, 2, 243-247.	0.1	405
5	Potential use of silver nanoparticles on pathogenic bacteria, their toxicity and possible mechanisms of action. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 949-959.	0.6	366
6	New Aspects of Nanopharmaceutical Delivery Systems. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 2216-2229.	0.9	198
7	Nanobiotechnology perspectives. Role of nanotechnology in the food industry: a review. <i>International Journal of Food Science and Technology</i> , 2013, 48, 1127-1134.	1.3	184
8	Chitosan-solid lipid nanoparticles as carriers for topical delivery of tretinoin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 93, 36-40.	2.5	147
9	Comparative Analysis of 3D Bladder Tumor Spheroids Obtained by Forced Floating and Hanging Drop Methods for Drug Screening. <i>Frontiers in Physiology</i> , 2017, 8, 605.	1.3	132
10	Biosynthesis and characterization of gold nanoparticles using Brazilian red propolis and evaluation of its antimicrobial and anticancer activities. <i>Scientific Reports</i> , 2021, 11, 1974.	1.6	124
11	Development of nanoparticles from natural lipids for topical delivery of thymol: Investigation of its anti-inflammatory properties. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 164, 281-290.	2.5	119
12	Biogenic antimicrobial silver nanoparticles produced by fungi. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 775-782.	1.7	91
13	A New Report on Mycosynthesis of Silver Nanoparticles by <i>Fusarium culmorum</i> . <i>Current Nanoscience</i> , 2010, 6, 376-380.	0.7	77
14	Development, characterization and biological in vitro assays of paclitaxel-loaded PCL polymeric nanoparticles. <i>Materials Science and Engineering C</i> , 2019, 96, 347-355.	3.8	50
15	Ecosystem protection by effluent bioremediation: silver nanoparticles impregnation in a textile fabrics process. <i>Journal of Nanoparticle Research</i> , 2010, 12, 285-292.	0.8	38
16	Microencapsulation of antibiotic rifampicin in poly(3-hydroxybutyrate-co-3-hydroxyvalerate). <i>Archives of Pharmacal Research</i> , 2008, 31, 1509-1516.	2.7	37
17	Nanosilver: an inorganic nanoparticle with myriad potential applications. <i>Nanotechnology Reviews</i> , 2014, 3, .	2.6	37
18	In vitro evaluation of folate-modified PLGA nanoparticles containing paclitaxel for ovarian cancer therapy. <i>Materials Science and Engineering C</i> , 2019, 105, 110038.	3.8	35

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19	Nanostructured Polymer and Lipid Carriers for Sunscreen. Biological Effects and Skin Permeation. Journal of Nanoscience and Nanotechnology, 2011, 11, 1880-1886.	0.9	34
20	Therapeutic Potential of Biogenic Silver Nanoparticles in Murine Cutaneous Leishmaniasis. Journal of Nano Research, 0, 20, 89-97.	0.8	33
21	New Hybrid Material Based on Layered Double Hydroxides and Biogenic Silver Nanoparticles: Antimicrobial Activity and Cytotoxic Effect. Journal of the Brazilian Chemical Society, 2013, 24, 266-272.	0.6	29
22	Cytotoxicity of solid lipid nanoparticles and nanostructured lipid carriers containing the local anesthetic dibucaine designed for topical application. Journal of Physics: Conference Series, 2013, 429, 012035.	0.3	28
23	New photocatalytic reactor with TiO <sub>2</sub> coating on sintered glass cylinders. Applied Catalysis B: Environmental, 2007, 76, 57-63.	10.8	26
24	<i>In Vivo</i> Evaluation of Complex Biogenic Silver Nanoparticle and Enoxaparin in Wound Healing. Journal of Nanomaterials, 2015, 2015, 1-10.	1.5	26
25	Targeted uptake of folic acid-functionalized polymeric nanoparticles loading glycoalkaloidic extract in vitro and in vivo assays. Colloids and Surfaces B: Biointerfaces, 2020, 192, 111106.	2.5	26
26	Preparation of an agarose-silver nanoparticles (AgNP) film for increasing the shelf-life of fruits. IET Nanobiotechnology, 2014, 8, 190-195.	1.9	25
27	New Strategies and Challenges for Nanobiotechnology in Agriculture. Journal of Biobased Materials and Bioenergy, 2014, 8, 1-12.	0.1	25
28	In vitro cytotoxicity assays of solid lipid nanoparticles in epithelial and dermal cells. Journal of Physics: Conference Series, 2011, 304, 012032.	0.3	22
29	Topical formulation of quercetin encapsulated in natural lipid nanocarriers: Evaluation of biological properties and phototoxic effect. Journal of Drug Delivery Science and Technology, 2019, 53, 101148.	1.4	22
30	State of the Art of Nanobiotechnology Applications in Neglected Diseases. Current Nanoscience, 2009, 5, 396-408.	0.7	22
31	Fungi-Mediated Synthesis of Silver Nanoparticles: Characterization Processes and Applications. , 2010, , 425-449.		19
32	Biogenic Silver Nanoparticles: Antibacterial and Cytotoxicity Applied to Textile Fabrics. Journal of Nano Research, 0, 20, 69-76.	0.8	19
33	Cytotoxicity and genotoxicity of biogenic silver nanoparticles. Journal of Physics: Conference Series, 2013, 429, 012020.	0.3	18
34	IN VITRO Anticancer Activity and Physicochemical Properties of SOLANUM LYCOCARPUM Alkaloidic Extract Loaded in Natural Lipid-Based Nanoparticles. Colloids and Interface Science Communications, 2019, 28, 5-14.	2.0	18
35	Biogenic Silver Nanoparticles and its Antifungal Activity as a New Topical Transungual Drug. Journal of Nano Research, 0, 20, 99-107.	0.8	16
36	New Strategy for Controlled Release of Nitric Oxide. Journal of Nano Research, 0, 20, 61-67.	0.8	15

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37	Cisplatin Properties in a Nanobiotechnological Approach to Cancer: A Mini-Review. <i>Current Cancer Drug Targets</i> , 2014, 14, 458-476.	0.8	15
38	Synthesis and characterization of manganese oxide-doped dicalcium silicates obtained from rice hull ash. <i>Powder Technology</i> , 2007, 178, 5-9.	2.1	14
39	Nanocytotoxicity: Violacein and Violacein-Loaded Poly (DL-lactide-co-glycolide) Nanoparticles Acting on Human Leukemic Cells. <i>Journal of Biomedical Nanotechnology</i> , 2009, 5, 192-201.	0.5	14
40	Cytotoxic and chemosensitizing effects of glycoalkaloidic extract on 2D and 3D models using RT4 and patient derived xenografts bladder cancer cells. <i>Materials Science and Engineering C</i> , 2021, 119, 111460.	3.8	14
41	Biotechnological Routes to Metallic Nanoparticles Production: Mechanistic Aspects, Antimicrobial Activity, Toxicity and Industrial Applications. , 2012, , 337-374.		13
42	Assessing the cytotoxic potential of glycoalkaloidic extract in nanoparticles against bladder cancer cells. <i>Journal of Pharmacy and Pharmacology</i> , 2019, 71, 1520-1531.	1.2	12
43	Poly (epsilon-caprolactone)/propolis extract: microencapsulation and antibacterial activity evaluation. <i>Die Pharmazie</i> , 2007, 62, 287-90.	0.3	12
44	Tecnologia de nanocristais em fármacos. <i>Quimica Nova</i> , 2010, 33, 151-158.	0.3	11
45	Development of Photoprotective Formulations Containing Nanostructured Lipid Carriers: Sun Protection Factor, Physical-Mechanical and Sensorial Properties. <i>AAPS PharmSciTech</i> , 2020, 21, 311.	1.5	11
46	Hybrid Nanoparticles as an Efficient Porphyrin Delivery System for Cancer Cells to Enhance Photodynamic Therapy. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 679128.	2.0	10
47	Polymeric Nanoparticles of Enoxaparin as a Delivery System: In Vivo Evaluation in Normal Rats and in a Venous Thrombosis Rat Model. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 4837-4843.	0.9	9
48	Screening of Different <i>Fusarium</i> Species to Select Potential Species for the Synthesis of Silver Nanoparticles. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	9
49	Glutathione and S-nitrosoglutathione in alginate/chitosan nanoparticles: Cytotoxicity. <i>Journal of Physics: Conference Series</i> , 2011, 304, 012045.	0.3	8
50	Pharmacokinetics and Pharmacodynamics of Nanomaterials. <i>Nanomedicine and Nanotoxicology</i> , 2014, , 97-110.	0.1	8
51	Nanoparticles in treatment of thermal injured rats: Is it safe?. <i>Journal of Physics: Conference Series</i> , 2011, 304, 012027.	0.3	7
52	Violacein/poly(L-caprolactone)/chitosan nanoparticles against bovine mastitis: Antibacterial and ecotoxicity evaluation. <i>Journal of Physics: Conference Series</i> , 2013, 429, 012030.	0.3	7
53	Synthesis and characterization of an experimental primer containing chitosan nanoparticles “ Effect on the inactivation of metalloproteinases, antimicrobial activity and adhesive strength. <i>Archives of Oral Biology</i> , 2021, 127, 105148.	0.8	7
54	Biogenic Silver Nanoparticles: Application in Medicines and Textiles and Their Health Implications. , 2011, , 249-267.		6

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55	DILUTED ACID PRETREATMENT OF PINUS RADIATA FOR BIOETHANOL PRODUCTION USING IMMOBILIZED SACCHAROMYCES CEREVISIAE IR2-9 IN A SIMULTANEOUS SACCHARIFICATION AND FERMENTATION PROCESS. Journal of the Chilean Chemical Society, 2011, 56, 901-906.	0.5	5
56	Topical Application of Nanostructures: Solid Lipid, Polymeric and Metallic Nanoparticles. , 2011, , 69-99.		4
57	Reference values for high-density lipoprotein particle size and volume by dynamic light scattering in a Brazilian population sample and their relationships with metabolic parameters. Clinica Chimica Acta, 2015, 442, 63-72.	0.5	4
58	Effect of Chitosan-Coated Nanostructured Lipid Carrier on Escherichia coli Biofilms. BioNanoScience, 2021, 11, 762-769.	1.5	4
59	<i>In vivo</i> toxicity of enoxaparin encapsulated in mucoadhesive nanoparticles: Topical application in a wound healing model. Journal of Physics: Conference Series, 2013, 429, 012031.	0.3	3
60	Preparation and Application of Mucoadhesive Nanoparticles Containing Enoxaparin in a Wound Healing Animal Model. Current Nanoscience, 2014, 10, 779-785.	0.7	3
61	Cytotoxicity and Genotoxicity of Solid Lipid Nanoparticles. Nanomedicine and Nanotoxicology, 2014, , 229-244.	0.1	1
62	Nanomedicine: Potential Killing of Cancercells Using Nanoparticles. , 2011, , 229-238.		0
63	Lipid Nanocarriers. Nanomedicine and Nanotoxicology, 2021, , 19-47.	0.1	0