

# Patricia Silva

## List of Publications by Year in descending order

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71  
papers

3,054  
citations

257450

24  
h-index

161849

54  
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71  
all docs

71  
docs citations

71  
times ranked

4910  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifunctional metal-organic frameworks: from academia to industrial applications. <i>Chemical Society Reviews</i> , 2015, 44, 6774-6803.	38.1	766
2	Microwave-Assisted Synthesis of Metal-Organic Frameworks. <i>Dalton Transactions</i> , 2011, 40, 321-330.	3.3	441
3	Nanotechnology-based drug delivery systems and herbal medicines: a review. <i>International Journal of Nanomedicine</i> , 2014, 9, 1.	6.7	258
4	Nanotechnology-based drug delivery systems for control of microbial biofilms: a review. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 1179-1213.	6.7	191
5	Docetaxel-loaded solid lipid nanoparticles prevent tumor growth and lung metastasis of 4T1 murine mammary carcinoma cells. <i>Journal of Nanobiotechnology</i> , 2020, 18, 43.	9.1	98
6	Multi-functional rare-earth hybrid layered networks: photoluminescence and catalysis studies. <i>Journal of Materials Chemistry</i> , 2009, 19, 2618.	6.7	90
7	Chloramphenicol-cyclodextrin inclusion compounds: co-dissolution and mechanochemical preparations and antibacterial action. <i>CrystEngComm</i> , 2013, 15, 2822.	2.6	63
8	Thermal Transformation of a Layered Multifunctional Network into a Metal-Organic Framework Based on a Polymeric Organic Linker. <i>Journal of the American Chemical Society</i> , 2011, 133, 15120-15138.	13.7	59
9	Breast Cancer Targeting of a Drug Delivery System through Postsynthetic Modification of Curcumin@N <sub>3</sub> -bio-MOF-100 via Click Chemistry. <i>Inorganic Chemistry</i> , 2021, 60, 11739-11744.	4.0	57
10	Nanostructured lipid carriers for incorporation of copper(II) complexes to be used against <i>Mycobacterium tuberculosis</i> . <i>Drug Design, Development and Therapy</i> , 2017, Volume 11, 909-921.	4.3	52
11	Nanostructured lipid system as a strategy to improve the anti-Candida albicans activity of Astronium sp.. <i>International Journal of Nanomedicine</i> , 2015, 10, 5081.	6.7	49
12	Multifunctional micro- and nanosized metal-organic frameworks assembled from bisphosphonates and lanthanides. <i>Journal of Materials Chemistry C</i> , 2014, 2, 3311.	5.5	44
13	Design, Synthesis, and Characterization of N-Oxide-Containing Heterocycles with in Vivo Sterilizing Antitubercular Activity. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 8647-8660.	6.4	43
14	Nanotechnology-Based Drug Delivery Systems for Treatment of Tuberculosis—A Review. <i>Journal of Biomedical Nanotechnology</i> , 2016, 12, 241-260.	1.1	42
15	In vitro and in vivo anti-Helicobacter pylori activity of Casearia sylvestris leaf derivatives. <i>Journal of Ethnopharmacology</i> , 2019, 233, 1-12.	4.1	39
16	Exploiting solid lipid nanoparticles and nanostructured lipid carriers for drug delivery against cutaneous fungal infections. <i>Critical Reviews in Microbiology</i> , 2021, 47, 79-90.	6.1	35
17	Nanotechnological Strategies for Vaginal Administration of Drugs—A Review. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 2218-2243.	1.1	31
18	Intravaginal Delivery of Syngonanthus nitens (Bong.) Ruhland Fraction Based on a Nanoemulsion System Applied to Vulvovaginal Candidiasis Treatment. <i>Journal of Biomedical Nanotechnology</i> , 2019, 15, 1072-1089.	1.1	29

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19	Nanotechnological strategies for systemic microbial infections treatment: A review. <i>International Journal of Pharmaceutics</i> , 2020, 589, 119780.	5.2	29
20	The influence of NLC composition on curcumin loading under a physicochemical perspective and in vitro evaluation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 602, 125070.	4.7	29
21	Challenge in the Discovery of New Drugs: Antimicrobial Peptides against WHO-List of Critical and High-Priority Bacteria. <i>Pharmaceutics</i> , 2021, 13, 773.	4.5	28
22	In Vitro Activity of Copper(II) Complexes, Loaded or Unloaded into a Nanostructured Lipid System, against <i>Mycobacterium tuberculosis</i> . <i>International Journal of Molecular Sciences</i> , 2016, 17, 745.	4.1	27
23	Recent Advances in the Use of Metallic Nanoparticles with Antitumoral Action - Review. <i>Current Medicinal Chemistry</i> , 2019, 26, 2108-2146.	2.4	27
24	Enhanced proton conductivity in a layered coordination polymer. <i>Chemical Science</i> , 2020, 11, 6305-6311.	7.4	26
25	Metal-Organic Frameworks Assembled From Erbium Tetramers and 2,5-Pyridinedicarboxylic Acid. <i>Crystal Growth and Design</i> , 2013, 13, 2607-2617.	3.0	25
26	Antimicrobial activity of natural products against <i>Helicobacter pylori</i> : a review. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2014, 13, 54.	3.8	25
27	Pyrazolyl coordination polymers of cadmium(II). <i>Inorganic Chemistry Communication</i> , 2006, 9, 235-238.	3.9	24
28	A Lamellar Coordination Polymer with Remarkable Catalytic Activity. <i>Chemistry - A European Journal</i> , 2016, 22, 13136-13146.	3.3	23
29	Synthesis, crystal structure and photoluminescence of a binuclear complex of europium(III) containing 3,5-dicarboxypyrazolate and succinate. <i>Polyhedron</i> , 2013, 54, 1-7.	2.2	22
30	Novel Zinc(II) Complexes [Zn(atc-Et) <sub>2</sub> ] and [Zn(atc-Ph) <sub>2</sub> ]: In Vitro and in Vivo Antiproliferative Studies. <i>International Journal of Molecular Sciences</i> , 2016, 17, 781.	4.1	21
31	Nanostructured Lipid Systems as a Strategy to Improve the in Vitro Cytotoxicity of Ruthenium(II) Compounds. <i>Molecules</i> , 2014, 19, 5999-6008.	3.8	20
32	Structural Features and the Anti-Inflammatory Effect of Green Tea Extract-Loaded Liquid Crystalline Systems Intended for Skin Delivery. <i>Polymers</i> , 2017, 9, 30.	4.5	20
33	Antifungal Activity of a Hydroethanolic Extract From <i>Astronium urundeuva</i> Leaves Against <i>Candida albicans</i> and <i>Candida glabrata</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 2642.	3.5	20
34	Recent Advances in Nanoparticle Carriers for Coordination Complexes. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 287-297.	2.1	20
35	Structural Diversity of Lanthanum-Organic Frameworks Based on 1,4-Phenylenebis(methylene)diphosphonic Acid. <i>Crystal Growth and Design</i> , 2013, 13, 543-560.	3.0	19
36	A Novel Antifungal System With Potential for Prolonged Delivery of Histatin 5 to Limit Growth of <i>Candida albicans</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 1667.	3.5	18

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37	New Silver(I) Coordination Compound Loaded into Polymeric Nanoparticles as a Strategy to Improve <i>In Vitro</i> Anti- <i>Helicobacter pylori</i> Activity. <i>Molecular Pharmaceutics</i> , 2020, 17, 2287-2298.	4.6	17
38	Detection of SARS-CoV-2 virus via dynamic light scattering using antibody-gold nanoparticle bioconjugates against viral spike protein. <i>Talanta</i> , 2022, 243, 123355.	5.5	16
39	Influence of particle size on the SARS-CoV-2 spike protein detection using IgG-capped gold nanoparticles and dynamic light scattering. <i>Materials Today Chemistry</i> , 2022, 25, 100924.	3.5	15
40	Determination of in vitro absorption in Caco-2 monolayers of anticancer Ru(II)-based complexes acting as dual human topoisomerase and PARP inhibitors. <i>BioMetals</i> , 2019, 32, 89-100.	4.1	14
41	Improved in vitro and in vivo Anti- <i>Candida albicans</i> Activity of <i>Cymbopogon nardus</i> Essential Oil by Its Incorporation into a Microemulsion System. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 10481-10497.	6.7	14
42	A Nanostructured Lipid System as a Strategy to Improve the in Vitro Antibacterial Activity of Copper(II) Complexes. <i>Molecules</i> , 2015, 20, 22534-22545.	3.8	13
43	Potential of the association of dodecyl gallate with nanostructured lipid system as a treatment for paracoccidioidomycosis: In vitro and in vivo efficacy and toxicity. <i>International Journal of Pharmaceutics</i> , 2018, 547, 630-636.	5.2	13
44	Rhamnolipid-Based Liposomes as Promising Nano-Carriers for Enhancing the Antibacterial Activity of Peptides Derived from Bacterial Toxin-Antitoxin Systems. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 925-939.	6.7	13
45	[10]-Gingerol-Loaded Nanoemulsion and its Biological Effects on Triple-Negative Breast Cancer Cells. <i>AAPS PharmSciTech</i> , 2021, 22, 157.	3.3	13
46	New antimycobacterial agents in the pre-clinical phase or beyond: recent advances in patent literature (2001-2016). <i>Expert Opinion on Therapeutic Patents</i> , 2017, 27, 269-282.	5.0	12
47	Formulating SLN and NLC as Innovative Drug Delivery Systems for Non-Invasive Routes of Drug Administration. <i>Current Medicinal Chemistry</i> , 2020, 27, 3623-3656.	2.4	12
48	Photoluminescent Metal-Organic Frameworks: Rapid Preparation, Catalytic Activity, and Framework Relationships. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 5576-5591.	2.0	11
49	Incorporation of Nonyl 3,4-Dihydroxybenzoate Into Nanostructured Lipid Systems: Effective Alternative for Maintaining Anti-Dermatophytic and Antibiofilm Activities and Reducing Toxicity at High Concentrations. <i>Frontiers in Microbiology</i> , 2020, 11, 1154.	3.5	10
50	Poly- $\mu$ -caprolactone Nanoparticles Loaded with 4-Nerolidylcatechol (4-NC) for Growth Inhibition of <i>Microsporium canis</i> . <i>Antibiotics</i> , 2020, 9, 894.	3.7	8
51	Highlights Regarding the Use of Metallic Nanoparticles against Pathogens Considered a Priority by the World Health Organization. <i>Current Medicinal Chemistry</i> , 2021, 28, 1906-1956.	2.4	8
52	Solid lipid nanoparticles loaded with curcumin: development and <i>in vitro</i> toxicity against CT26 cells. <i>Nanomedicine</i> , 2022, 17, 167-179.	3.3	8
53	<i>catena</i> -Poly[[triquachlorido- $\frac{1}{4}$ - $\times$ 3]-malonato-cerium(III)] hemihydrate]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, m1514-m1515.	0.2	6
54	Supramolecular assemblies and magnetic behaviors of the M(II)/p-aminopyridine/malonate (M=Ni, Mn,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 T</i>	2.25	6

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55	Coordination polymers based on a glycine-derivative ligand. <i>CrystEngComm</i> , 2014, 16, 8119-8137.	2.6	5
56	A Nanostructured Lipid System to Improve the Oral Bioavailability of Ruthenium(II) Complexes for the Treatment of Infections Caused by <i>Mycobacterium tuberculosis</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 2930.	3.5	5
57	Hydroalcoholic Extract of <i>Myrcia bella</i> Loaded into a Microemulsion System: A Study of Antifungal and Mutagenic Potential. <i>Planta Medica</i> , 2022, 88, 405-415.	1.3	5
58	Cyto-genotoxic evaluation of novel anti-tubercular copper (II) complexes containing isoniazid-based ligands. <i>Regulatory Toxicology and Pharmacology</i> , 2020, 113, 104653.	2.7	4
59	BIOMECHANICAL EVALUATION OF THE INFLUENCE OF CERVICAL SCREWS TAPPING AND DESIGN. <i>Revista Brasileira De Ortopedia</i> , 2009, 44, 415-419.	0.6	3
60	Synthesis, characterization, and investigation of the thermal behavior of Cu(II) pyrazolyl complexes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 106, 495-499.	3.6	3
61	Redetermination at 180â€¦K of a layered lanthanide-organic framework. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m294-m295.	0.2	3
62	Copper(II) biocompatible coordination solids as potential platforms for diclofenac delivery systems. <i>Journal of Solid State Chemistry</i> , 2020, 289, 121479.	2.9	3
63	Growth-inhibitory effects of tris-(1,10-phenanthroline) iron (II) against <i>Mycobacterium tuberculosis</i> in vitro and in vivo. <i>Tuberculosis</i> , 2021, 128, 102087.	1.9	2
64	Structural Elucidation of a Calcined Layered Lanthanide-Organic Framework Comprising an Unprecedented Organic Polymer. <i>Journal of Chemical Crystallography</i> , 2013, 43, 165-170.	1.1	1
65	Antifungal activity and toxicity of an octyl gallate-loaded nanostructured lipid system on cells and nonmammalian animals. <i>Future Microbiology</i> , 2022, 17, 281-291.	2.0	1
66	TAPPING PILOT HOLE: MECHANICAL ANALYSIS OF SHEEP VERTEBRA AND THE ARTIFICIAL BONE MODEL. <i>Revista Brasileira De Ortopedia</i> , 2010, 45, 290-294.	0.6	0
67	EFFECT OF PILOT HOLE TAPPING ON PULLOUT STRENGTH AND INSERTION TORQUE OF DUAL CORE PEDICLE SCREWS. <i>Revista Brasileira De Ortopedia</i> , 2010, 45, 565-568.	0.6	0
68	STUDIES ON THE THERMAL BEHAVIOR OF POLYNUCLEAR PALLADIUM(II) COMPOUNDS CONTAINING PYRAZOLATO LIGANDS. <i>Brazilian Journal of Thermal Analysis</i> , 2019, 8, .	0.0	0
69	Study of antimycobacterial, cytotoxic, and mutagenic potential of polymeric nanoparticles of copper (II) complex. <i>Journal of Microencapsulation</i> , 2022, 39, 61-71.	2.8	0
70	Discovery of (E)-4-styrylphenoxy-propanamide: A dual PPAR $\alpha/\beta$ partial agonist that regulates high-density lipoprotein-cholesterol levels, modulates adipogenesis, and improves glucose tolerance in diet-induced obese mice. <i>Bioorganic Chemistry</i> , 2022, 120, 105600.	4.1	0
71	Biological Properties of Extracts from <i>Byrsonima</i> Species in Microemulsions. <i>Revista Brasileira De Farmacognosia</i> , 0, , 1.	1.4	0