

Fernando R Pavan

List of Publications by Year in descending order

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170
papers

3,727
citations

126708

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197535

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173
docs citations

173
times ranked

4958
citing authors

#	ARTICLE	IF	CITATIONS
1	Thiosemicarbazones, semicarbazones, dithiocarbazates and hydrazide/hydrazones: Anti H^+ Mycobacterium tuberculosis activity and cytotoxicity. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 1898-1905.	2.6	272
2	Hydroxyquinoline derived vanadium(IV and V) and copper(II) complexes as potential anti-tuberculosis and anti-tumor agents. <i>Journal of Inorganic Biochemistry</i> , 2014, 141, 83-93.	1.5	125
3	Antimycobacterial activity of lichen substances. <i>Phytomedicine</i> , 2010, 17, 328-332.	2.3	113
4	Vanadium complexes with thiosemicarbazones: Synthesis, characterization, crystal structures and anti-Mycobacterium tuberculosis activity. <i>Polyhedron</i> , 2009, 28, 398-406.	1.0	88
5	Synthesis and in vitro anti Mycobacterium tuberculosis activity of a series of phthalimide derivatives. <i>Biorganic and Medicinal Chemistry</i> , 2009, 17, 3795-3799.	1.4	83
6	Ruthenium(II) phosphine/diimine/picolinate complexes: Inorganic compounds as agents against tuberculosis. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 5099-5107.	2.6	68
7	Antitumor and antimycobacterial activities of cyclopalladated complexes: X-ray structure of $[\text{Pd}(\text{C}_2\text{N-dmba})(\text{Br})(\text{tu})]$ (dmba = N,N-dimethylbenzylamine, tu = thiourea). <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 4611-4615.	2.6	64
8	Synthesis and biological activity of furoxan derivatives against Mycobacterium tuberculosis. <i>European Journal of Medicinal Chemistry</i> , 2016, 123, 523-531.	2.6	64
9	Essential Oil of <i>Cymbopogon nardus</i> (L.) Rendle: A Strategy to Combat Fungal Infections Caused by <i>Candida</i> Species. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1252.	1.8	56
10	Cell-Envelope Remodeling as a Determinant of Phenotypic Antibacterial Tolerance in <i>Mycobacterium tuberculosis</i> . <i>ACS Infectious Diseases</i> , 2016, 2, 352-360.	1.8	52
11	Nanostructured lipid carriers for incorporation of copper(II) complexes to be used against <i>Mycobacterium tuberculosis</i> . <i>Drug Design, Development and Therapy</i> , Volume 11, 909-921.	2.0	52
12	Antimycobacterial and antitumor activities of Palladium(II) complexes containing isonicotinamide (isn): X-ray structure of trans- $[\text{Pd}(\text{N}_3)_2(\text{isn})_2]$. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 4863-4868.	2.6	51
13	Synthesis, characterization, X-ray structure and in vitro antimycobacterial and antitumoral activities of Ru(II) phosphine/diimine complexes containing the SpymMe_2 ligand, $\text{SpymMe}_2=4,6\text{-dimethyl-2-mercaptopyrimidine}$. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 1783-1789.	1.5	50
14	Manganese(II) complexes with thiosemicarbazones as potential anti-Mycobacterium tuberculosis agents. <i>Journal of Inorganic Biochemistry</i> , 2014, 132, 21-29.	1.5	50
15	Synthesis of 4-aminoquinoline analogues and their platinum(II) complexes as new antileishmanial and antitubercular agents. <i>Biomedicine and Pharmacotherapy</i> , 2011, 65, 204-209.	2.5	49
16	Nanostructured lipid system as a strategy to improve the anti- <i>Candida albicans</i> activity of <i>Astronium</i> sp.. <i>International Journal of Nanomedicine</i> , 2015, 10, 5081.	3.3	49
17	Palladium(II) complexes with thiosemicarbazones: syntheses, characterization and cytotoxicity against breast cancer cells and Anti-Mycobacterium tuberculosis activity. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 1177-1186.	0.6	48
18	Evaluation of anti-Mycobacterium tuberculosis activity of <i>Campomanesia adamantium</i> (Myrtaceae). <i>Quimica Nova</i> , 2009, 32, 1222-1226.	0.3	47

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19	Ruthenium (II) phosphine/picolinate complexes as antimycobacterial agents. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 598-601.	2.6	46
20	6-Mercaptopurine complexes with silver and gold ions: Anti-tuberculosis and anti-cancer activities. <i>Biomedicine and Pharmacotherapy</i> , 2011, 65, 334-338.	2.5	44
21	Study of a series of cobalt(II) sulfonamide complexes: Synthesis, spectroscopic characterization, and microbiological evaluation against <i>M. tuberculosis</i> . Crystal structure of [Co(sulfamethoxazole) ₂ (H ₂ O) ₂] \cdot H ₂ O. <i>Journal of Molecular Structure</i> , 2013, 1036, 180-187.	1.8	44
22	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.	2.9	43
23	Nanotechnology-Based Drug Delivery Systems for Treatment of Tuberculosis—A Review. <i>Journal of Biomedical Nanotechnology</i> , 2016, 12, 241-260.	0.5	42
24	A broad study of two new promising antimycobacterial drugs: Ag(I) and Au(I) complexes with 2-(2-thienyl)benzothiazole. <i>Polyhedron</i> , 2012, 38, 291-296.	1.0	41
25	Evaluation of cytotoxic, apoptotic, mutagenic, and chemopreventive activities of semi-synthetic esters of gallic acid. <i>Food and Chemical Toxicology</i> , 2017, 105, 300-307.	1.8	40
26	Novel copper(II) complexes with hydrazides and heterocyclic bases: Synthesis, structure and biological studies. <i>Journal of Inorganic Biochemistry</i> , 2017, 172, 138-146.	1.5	40
27	Design of novel iron compounds as potential therapeutic agents against tuberculosis. <i>Journal of Inorganic Biochemistry</i> , 2010, 104, 1164-1170.	1.5	39
28	New ruthenium(II)/phosphines/diimines complexes: Promising antitumor (human breast cancer) and <i>Mycobacterium tuberculosis</i> fighting agents. <i>Polyhedron</i> , 2013, 51, 292-297.	1.0	38
29	Aromatic amine N-oxide organometallic compounds: searching for prospective agents against infectious diseases. <i>Dalton Transactions</i> , 2015, 44, 14453-14464.	1.6	38
30	Ru(II)/clotrimazole/diphenylphosphine/bipyridine complexes: Interaction with DNA, BSA and biological potential against tumor cell lines and <i>Mycobacterium tuberculosis</i> . <i>Journal of Inorganic Biochemistry</i> , 2016, 162, 135-145.	1.5	38
31	Searching for gallium bioactive compounds: Gallium(III) complexes of tridentate salicylaldehyde semicarbazone derivatives. <i>Polyhedron</i> , 2011, 30, 1360-1366.	1.0	36
32	Anti- <i>Mycobacterium tuberculosis</i> activity of platinum(II)/ N , N -disubstituted- N -acetyl thiourea complexes. <i>Inorganic Chemistry Communication</i> , 2016, 63, 74-80.	1.8	36
33	Coordinative versatility of a Schiff base containing thiophene: Synthesis, characterization and biological activity of zinc(II) and silver(I) complexes. <i>Polyhedron</i> , 2014, 79, 170-177.	1.0	35
34	May iron(III) complexes containing phenanthroline derivatives as ligands be prospective anticancer agents?. <i>European Journal of Medicinal Chemistry</i> , 2019, 176, 492-512.	2.6	35
35	Synthesis and biological evaluation of ternary silver compounds bearing N,N-chelating ligands and thiourea: X-ray structure of [Ag(bpy)($\frac{1}{4}$ -tu)] ₂ (NO ₃) ₂ (bpy=2,2'-bipyridine; tu=thiourea). <i>Polyhedron</i> , 2014, 79, 197-206.	1.0	34
36	Novel lawsone-containing ruthenium(II) complexes: Synthesis, characterization and anticancer activity on 2D and 3D spheroid models of prostate cancer cells. <i>Bioorganic Chemistry</i> , 2019, 85, 455-468.	2.0	34

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37	Antimicrobial Peptides as an Alternative for the Eradication of Bacterial Biofilms of Multi-Drug Resistant Bacteria. <i>Pharmaceutics</i> , 2022, 14, 642.	2.0	33
38	Synthesis, crystal structures, antimicrobial, antifungal and antituberculosis activities of mixed ligand silver(I) complexes. <i>Polyhedron</i> , 2013, 62, 138-147.	1.0	32
39	Antimicrobial and antitumor activity of S-methyl dithiocarbazate Schiff base zinc(II) complexes. <i>Journal of Inorganic Biochemistry</i> , 2021, 216, 111331.	1.5	30
40	In Vitro and In Vivo Activities of Ruthenium(II) Phosphine/Diimine/Picolinate Complexes (SCAR) against <i>Mycobacterium tuberculosis</i> . <i>PLoS ONE</i> , 2013, 8, e64242.	1.1	30
41	Sulfonamide-containing copper(II) metallonucleases: Correlations with in vitro antimycobacterial and antiproliferative activities. <i>Journal of Inorganic Biochemistry</i> , 2018, 187, 85-96.	1.5	29
42	Intravaginal Delivery of <i>Syngonanthus nitens</i> (Bong.) Ruhland Fraction Based on a Nanoemulsion System Applied to Vulvovaginal Candidiasis Treatment. <i>Journal of Biomedical Nanotechnology</i> , 2019, 15, 1072-1089.	0.5	29
43	Triterpenes and antitubercular activity of <i>Byrsonima crassa</i> . <i>Quimica Nova</i> , 2008, 31, 1719-1721.	0.3	28
44	Challenge in the Discovery of New Drugs: Antimicrobial Peptides against WHO-List of Critical and High-Priority Bacteria. <i>Pharmaceutics</i> , 2021, 13, 773.	2.0	28
45	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.	1.8	27
46	Mucoadhesive In Situ Gelling Liquid Crystalline Precursor System to Improve the Vaginal Administration of Drugs. <i>AAPS PharmSciTech</i> , 2019, 20, 225.	1.5	27
47	Recent advances in drug discovery against <i>Mycobacterium tuberculosis</i> : Metal-based complexes. <i>European Journal of Medicinal Chemistry</i> , 2021, 214, 113166.	2.6	27
48	Complexes of platinum and palladium with β^2 -diketones and DMSO: Synthesis, characterization, molecular modeling, and biological studies. <i>Journal of Molecular Structure</i> , 2014, 1075, 370-376.	1.8	26
49	Bioactivity of pyridine-2-thiolato-1-oxide metal complexes: Bi(III), Fe(III) and Ga(III) complexes as potent anti- <i>Mycobacterium tuberculosis</i> prospective agents. <i>European Journal of Medicinal Chemistry</i> , 2014, 87, 267-273.	2.6	26
50	Human topoisomerase inhibition and DNA/BSA binding of Ru(II)â€“SCAR complexes as potential anticancer candidates for oral application. <i>BioMetals</i> , 2017, 30, 321-334.	1.8	26
51	Binuclear cyclopalladated compounds with antitubercular activity: synthesis and characterization of $[{\text{Pd}}(\text{C}^{\text{sup}}\text{2}^{\text{sup}}\text{,N-dmba})(\text{X})]_{\text{2}}(\text{X}^{\text{sup}}\text{4}^{\text{sup}}\text{-bpp})$ ($\text{X}^{\text{sup}}\text{=}\text{Cl, Br, NCO, N}^{\text{sup}}\text{3}^{\text{sup}}\text{;}$) Tj ETQq1 1 0.284314	1.0	25
52	Phenolic compounds and antioxidant, antimicrobial and antimycobacterial activities of <i>Serjania erecta</i> Radlk. (Sapindaceae). <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2013, 49, 775-782.	1.2	25
53	Palladium(II)/ N , N -disubstituted- N β^2 -acylthioureas complexes as anti- <i>Mycobacterium tuberculosis</i> and anti- <i>Trypanosoma cruzi</i> agents. <i>Polyhedron</i> , 2017, 132, 70-77.	1.0	25
54	Synthesis and SAR evaluation of novel thioridazine derivatives active against drug-resistant tuberculosis. <i>European Journal of Medicinal Chemistry</i> , 2017, 127, 147-158.	2.6	25

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55	Increase of leishmanicidal and tubercular activities using steroids linked to aminoquinoline. <i>Organic and Medicinal Chemistry Letters</i> , 2012, 2, 16.	2.0	23
56	Anti-Mycobacterium tuberculosis activity of antituberculosis drugs and amoxicillin/clavulanate combination. <i>Journal of Microbiology, Immunology and Infection</i> , 2016, 49, 980-983.	1.5	23
57	Insulin-loaded polymeric mucoadhesive nanoparticles: development, characterization and cytotoxicity evaluation. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2018, 54, .	1.2	23
58	Drug resistance in Mycobacterium tuberculosis clinical isolates from Brazil: Phenotypic and genotypic methods. <i>Biomedicine and Pharmacotherapy</i> , 2011, 65, 456-459.	2.5	22
59	Silver(I) complexes with symmetrical Schiff bases: Synthesis, structural characterization, DFT studies and antimycobacterial assays. <i>Polyhedron</i> , 2013, 62, 104-109.	1.0	22
60	Evaluation of the anti-mycobacterium tuberculosis activity and in vivo acute toxicity of Annona sylvatic. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 209.	3.7	22
61	Antitubercular activity of Ru (II) isoniazid complexes. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 70, 45-54.	1.9	22
62	Ruthenium(II) complexes with hydroxypyridinecarboxylates: Screening potential metallodrugs against Mycobacterium tuberculosis. <i>Polyhedron</i> , 2015, 85, 376-382.	1.0	22
63	Synthesis, cytotoxic and antitubercular activities of copper(II) complexes with heterocyclic bases and 3-hydroxypicolinic acid. <i>Inorganica Chimica Acta</i> , 2016, 446, 87-92.	1.2	22
64	Unprecedented in Vitro Antitubercular Activity of Manganese(II) Complexes Containing 1,10-Phenanthroline and Dicarboxylate Ligands: Increased Activity, Superior Selectivity, and Lower Toxicity in Comparison to Their Copper(II) Analogs. <i>Frontiers in Microbiology</i> , 2018, 9, 1432.	1.5	22
65	Current Advances in Antitubercular Drug Discovery: Potent Prototypes and New Targets. <i>Current Medicinal Chemistry</i> , 2015, 22, 3133-3161.	1.2	22
66	Platinum(II) complexes with carbazates and hydrazides: Synthesis, spectral characterization, computational modeling, and biological studies. <i>Polyhedron</i> , 2015, 98, 146-153.	1.0	21
67	Novel Zinc(II) Complexes [Zn(atc-Et) ₂] and [Zn(atc-Ph) ₂]: In Vitro and in Vivo Antiproliferative Studies. <i>International Journal of Molecular Sciences</i> , 2016, 17, 781.	1.8	21
68	In vitro anti-Mycobacterium tuberculosis activity of some Brazilian "Cerrado" plants. <i>Revista Brasileira De Farmacognosia</i> , 2009, 19, 204-206.	0.6	20
69	Nanostructured Lipid Systems as a Strategy to Improve the in Vitro Cytotoxicity of Ruthenium(II) Compounds. <i>Molecules</i> , 2014, 19, 5999-6008.	1.7	20
70	Antifungal Activity of a Hydroethanolic Extract From Astronium urundeuva Leaves Against Candida albicans and Candida glabrata. <i>Frontiers in Microbiology</i> , 2019, 10, 2642.	1.5	20
71	Cytotoxic and apoptotic effects of ternary silver(Ag^+) complexes bearing 2-formylpyridine thiosemicarbazones and 1,10-phenanthroline. <i>Dalton Transactions</i> , 2020, 49, 5264-5275.	1.6	20
72	New heterobimetallic ferrocenyl derivatives: Evaluation of their potential as prospective agents against trypanosomatid parasites and Mycobacterium tuberculosis. <i>Journal of Inorganic Biochemistry</i> , 2018, 187, 73-84.	1.5	19

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73	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.	1.5	18
74	Antimycobacterial Activity of Natural and Semi-Synthetic Lignans. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2009, 64, 779-784.	0.6	17
75	Activity of rifampicin and linezolid combination in <i>Mycobacterium tuberculosis</i> . <i>Tuberculosis</i> , 2017, 104, 24-29.	0.8	17
76	Antibacterial and Antitubercular Activities of Cinnamylideneacetophenones. <i>Molecules</i> , 2017, 22, 1685.	1.7	17
77	New ternary iron(III) aminobisphenolate hydroxyquinoline complexes as potential therapeutic agents. <i>Dalton Transactions</i> , 2019, 48, 8702-8716.	1.6	17
78	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.	2.3	17
79	Synthesis, Cytotoxicity, Antibacterial and Antileishmanial Activities of Imidazolidine and Hexahydropyrimidine Derivatives. <i>Medicinal Chemistry</i> , 2013, 9, 351-359.	0.7	17
80	Zn-based porous coordination solid as diclofenac sodium carrier. <i>Journal of Solid State Chemistry</i> , 2018, 260, 67-72.	1.4	16
81	Three new platinum complexes containing fluoroquinolones and DMSO: Cytotoxicity and evaluation against drug-resistant tuberculosis. <i>Journal of Inorganic Biochemistry</i> , 2018, 183, 77-83.	1.5	15
82	Antibacterial activities and antiproliferative assays over a tumor cells panel of a silver complex with 4-aminobenzoic acid: Studies in vitro of sustained release using bacterial cellulose membranes as support. <i>Journal of Inorganic Biochemistry</i> , 2020, 212, 111247.	1.5	15
83	Resazurin Microtiter Assay for Clarithromycin Susceptibility Testing of Clinical Isolates of <i>Mycobacterium abscessus</i> Group. <i>Journal of Clinical Laboratory Analysis</i> , 2016, 30, 751-755.	0.9	14
84	Genotyping and rifampicin and isoniazid resistance in <i>Mycobacterium bovis</i> strains isolated from the lymph nodes of slaughtered cattle. <i>Tuberculosis</i> , 2017, 104, 30-37.	0.8	14
85	Intramacrophage <i>Mycobacterium tuberculosis</i> efflux pump gene regulation after rifampicin and verapamil exposure. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 1770-1776.	1.3	14
86	Antibacterial activity of 3,3'-dihydroxycurcumin (DHC) is associated with membrane perturbation. <i>Biorganic Chemistry</i> , 2019, 90, 103031.	2.0	14
87	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.	1.8	14
88	Acetylcholinesterase inhibition and antifungal activity of cyclohexanoids from the endophytic fungus <i>Saccharicola</i> sp.. <i>Phytochemistry Letters</i> , 2020, 39, 116-123.	0.6	14
89	A Novel Ruthenium(II) Complex With Lapachol Induces G2/M Phase Arrest Through Aurora-B Kinase Down-Regulation and ROS-Mediated Apoptosis in Human Prostate Adenocarcinoma Cells. <i>Frontiers in Oncology</i> , 2021, 11, 682968.	1.3	14
90	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.	3.3	14

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91	Synthesis and evaluation of a pyrazinoic acid prodrug in Mycobacterium tuberculosis. Saudi Pharmaceutical Journal, 2014, 22, 376-380.	1.2	13
92	A Nanostructured Lipid System as a Strategy to Improve the in Vitro Antibacterial Activity of Copper(II) Complexes. Molecules, 2015, 20, 22534-22545.	1.7	13
93	Bis(diphenylphosphino)amines-containing ruthenium cymene complexes as potential anti-Mycobacterium tuberculosis agents. Journal of Inorganic Biochemistry, 2017, 173, 134-140.	1.5	13
94	Structure and antimycobacterial activity of the novel organometallic [Pd(C-bzan)(SCN)(dppp)] compound. Inorganic Chemistry Communication, 2012, 23, 63-66.	1.8	12
95	New antimycobacterial agents in the pre-clinical phase or beyond: recent advances in patent literature (2001-2016). Expert Opinion on Therapeutic Patents, 2017, 27, 269-282.	2.4	12
96	Genetic correlates of clarithromycin susceptibility among isolates of the Mycobacterium abscessus group and the potential clinical applicability of a PCR-based analysis of erm(41). Journal of Antimicrobial Chemotherapy, 2018, 73, 862-866.	1.3	12
97	Silver(I) and zinc(II) complexes with symmetrical cinnamaldehyde Schiff base derivative: Spectroscopic, powder diffraction characterization, and antimycobacterial studies. Polyhedron, 2018, 146, 166-171.	1.0	12
98	Esterification of the free carboxylic group from the lutidinic acid ligand as a tool to improve the cytotoxicity of Ru(II) complexes. Inorganic Chemistry Frontiers, 2019, 6, 376-390.	3.0	12
99	Exploiting the furo[2,3-b]pyridine core against multidrug-resistant Mycobacterium tuberculosis. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 974-977.	1.0	12
100	Antimycobacterial activity of <i>Indigofera suffruticosa</i> with activation potential of the innate immune system. Pharmaceutical Biology, 2010, 48, 878-882.	1.3	11
101	Chemical Composition and Antioxidant and Antimycobacterial Activities of <i>Bromelia balansae</i> (Bromeliaceae). Journal of Medicinal Food, 2010, 13, 1277-1280.	0.8	11
102	Paepalanthus spp: Antimycobacterial activity of extracts, methoxylated flavonoids and naphthopyranone fractions. Revista Brasileira De Farmacognosia, 2013, 23, 268-272.	0.6	11
103	C ² ,N-dimethylbenzylamine cyclopalladated compounds: evaluation of cytotoxic, mutagenic and antitubercular activities. Medicinal Chemistry Research, 2015, 24, 2879-2888.	1.1	11
104	Pyrazolyl Pd(II) complexes containing triphenylphosphine: Synthesis and antimycobacterial activity. Polyhedron, 2015, 100, 10-16.	1.0	11
105	In vitro evaluation of the cyto-genotoxic potential of Ruthenium(II) SCAR complexes: a promising class of antituberculosis agents. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2016, 798-799, 11-18.	0.9	11
106	Acid diterpenes from Copaiba oleoresin (<i>Copaifera langsdorffii</i>): Chemical and plasma stability and intestinal permeability using Caco-2 cells. Journal of Ethnopharmacology, 2019, 235, 183-189.	2.0	11
107	HPMCAS-Coated Alginate Microparticles Loaded with Ctx(Ile ²¹)-Ha as a Promising Antimicrobial Agent against <i>Salmonella</i> Enteritidis in a Chicken Infection Model. ACS Infectious Diseases, 2022, 8, 472-481.	1.8	11
108	Design, synthesis and antibacterial activity of chalcones against MSSA and MRSA planktonic cells and biofilms. Bioorganic Chemistry, 2021, 116, 105279.	2.0	10

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109	Tapping into the antitubercular potential of 2,5-dimethylpyrroles: A structure-activity relationship interrogation. <i>European Journal of Medicinal Chemistry</i> , 2022, 237, 114404.	2.6	10
110	Synthesis and Anti- <i>Mycobacterium tuberculosis</i> Evaluation of Aza-Stilbene Derivatives. <i>Scientific World Journal</i> , The, 2011, 11, 1113-1119.	0.8	9
111	Comparison of resazurin microtiter assay performance and BACTEC MGIT 960 in the susceptibility testing of Brazilian clinical isolates of <i>Mycobacterium tuberculosis</i> to four first-line drugs. <i>Brazilian Journal of Microbiology</i> , 2013, 44, 281-285.	0.8	9
112	First Baseline of Circulating Genotypic Lineages of <i>Mycobacterium tuberculosis</i> in Patients from the Brazilian Borders with Argentina and Paraguay. <i>PLoS ONE</i> , 2014, 9, e107106.	1.1	9
113	Modulatory effects of verapamil in rifampicin activity against <i>Mycobacterium tuberculosis</i> . <i>Future Microbiology</i> , 2019, 14, 185-194.	1.0	9
114	Orthopalladated acetophenone oxime compounds bearing thioamides as ligands: Synthesis, structure and cytotoxic evaluation. <i>Inorganica Chimica Acta</i> , 2019, 486, 617-624.	1.2	9
115	Improving the Potency of <i>N</i> -Aryl-2,5-dimethylpyrroles against Multidrug-Resistant and Intracellular <i>Mycobacteria</i> . <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 638-644.	1.3	9
116	Benzofuroxan Derivatives as Potent Agents against Multidrug-Resistant <i>Mycobacterium tuberculosis</i> . <i>ChemMedChem</i> , 2021, 16, 1268-1282.	1.6	9
117	Antibacterial activity of a new monocarbonyl analog of curcumin MAC 4 is associated with divisome disruption. <i>Bioorganic Chemistry</i> , 2021, 109, 104668.	2.0	9
118	Cobalt(III) Complexes with Thiosemicarbazones as Potential anti- <i>Mycobacterium tuberculosis</i> Agents. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	8
119	Synthesis and antimycobacterial activity of new pyrazolate-bridged dinuclear complexes of the type [Pd($\frac{1}{4}$ -L)(N ₃)(PPh ₃)] ₂ (PPh ₃ = triphenylphosphine; L = pyrazolates). <i>Inorganic Chemistry Communication</i> , 2014, 48, 153-155.	1.8	8
120	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.	1.2	8
121	Antitumor and anti- <i>Mycobacterium tuberculosis</i> agents based on cationic ruthenium complexes with amino acids. <i>Inorganica Chimica Acta</i> , 2017, 463, 1-6.	1.2	7
122	Furoxan derivatives demonstrated in vivo efficacy by reducing <i>Mycobacterium tuberculosis</i> to undetectable levels in a mouse model of infection. <i>Biomedicine and Pharmacotherapy</i> , 2020, 130, 110592.	2.5	7
123	Design, synthesis and biological activity of novel substituted 3-benzoic acid derivatives as MtDHFR inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115600.	1.4	7
124	Análise fitoquímica e atividade antimicobacteriana de extratos metanólicos de <i>Jacaranda cuspidifolia</i> Mart. (Bignoniaceae). <i>Revista Brasileira De Plantas Medicinai</i> s, 2012, 14, 276-281.	0.3	7
125	Opportunistic Pathogens and Elements of the Resistome that Are Common in Bottled Mineral Water Support the Need for Continuous Surveillance. <i>PLoS ONE</i> , 2015, 10, e0121284.	1.1	6
126	Synthesis, Antitubercular and Leishmanicidal Evaluation of Resveratrol Analogues. <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	6

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127	A Silver Complex with Cycloserine: Synthesis, Spectroscopic Characterization, Crystal Structure and In Vitro Biological Studies. <i>ChemistrySelect</i> , 2018, 3, 1719-1726.	0.7	6
128	Silver complexes with fluoroanthranilic acid isomers: Spectroscopic characterization, antimycobacterial activity and cytotoxic studies over a panel of tumor cells. <i>Inorganica Chimica Acta</i> , 2020, 502, 119293.	1.2	6
129	Chemical, spectroscopic characterization, molecular modeling and antibacterial activity assays of a silver (I) complex with succinic acid. <i>Ecletica Quimica</i> , 2021, 46, 26-35.	0.2	6
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