

# Fernando R Pavan

## List of Publications by Year in descending order

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170  
papers

3,727  
citations

126708

33  
h-index

197535

49  
g-index

173  
all docs

173  
docs citations

173  
times ranked

4958  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	0.7	5
2	Study of antimycobacterial, cytotoxic, and mutagenic potential of polymeric nanoparticles of copper (II) complex. <i>Journal of Microencapsulation</i> , 2022, 39, 61-71.	1.2	0
3	New silver(I) phosphino complexes: Evaluation of their potential as prospective agents against <i>Mycobacterium tuberculosis</i> . <i>Journal of Inorganic Biochemistry</i> , 2022, 227, 111683.	1.5	6
4	An overview of sulfonamide-based conjugates: Recent advances for tuberculosis treatment. <i>Drug Development Research</i> , 2022, , .	1.4	0
5	Recent advancement in drug development of nitro( $\text{NO}_2$ )-heterocyclic compounds as lead scaffolds for the treatment of <i>Mycobacterium tuberculosis</i> . <i>Drug Development Research</i> , 2022, 83, 842-858.	1.4	5
6	HPMCAS-Coated Alginate Microparticles Loaded with Ctx(Ile <sup>21</sup> )-Ha as a Promising Antimicrobial Agent against <i>Salmonella</i> Enteritidis in a Chicken Infection Model. <i>ACS Infectious Diseases</i> , 2022, 8, 472-481.	1.8	11
7	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
8	Cyrhetyrenyl and cymantrenyl N-acylhydrazone complexes based on isoniazid: Synthesis, characterization, X-ray crystal structures and antitubercular activity evaluation. <i>Journal of Organometallic Chemistry</i> , 2022, 964, 122299.	0.8	4
9	Rescue of susceptibility to second-line drugs in resistant clinical isolates of <i>Mycobacterium tuberculosis</i> . <i>Future Microbiology</i> , 2022, 17, 511-527.	1.0	0
10	Gold(III) heteroleptic complexes with SNS-thiosemicarbazone ligands as cytotoxic agents: Experimental and computational insights into the mechanism of action. <i>Polyhedron</i> , 2022, 219, 115767.	1.0	0
11	Structural Rigidification of <i>N</i> -Aryl-pyrroles into Indoles Active against Intracellular and Drug-Resistant <i>Mycobacteria</i> . <i>ACS Medicinal Chemistry Letters</i> , 2022, 13, 63-69.	1.3	1
12	Nanobiotechnology with Therapeutically Relevant Macromolecules from Animal Venoms: Venoms, Toxins, and Antimicrobial Peptides. <i>Pharmaceutics</i> , 2022, 14, 891.	2.0	5
13	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
14	MIL-100(Fe) Sub-Micrometric Capsules as a Dual Drug Delivery System. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7670.	1.8	3
15	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
16	Differential miRNA Expression in Human Macrophage-Like Cells Infected with <i>Histoplasma capsulatum</i> Yeasts Cultured in Planktonic and Biofilm Forms. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 60.	1.5	1
17	Benzofuroxan Derivatives as Potent Agents against Multidrug-Resistant <i>Mycobacterium tuberculosis</i> . <i>ChemMedChem</i> , 2021, 16, 1268-1282.	1.6	9
18	Benzenetriol-Derived Compounds against Citrus Canker. <i>Molecules</i> , 2021, 26, 1436.	1.7	2

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19	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
20	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
21	Chemical, spectroscopic characterization, molecular modeling and antibacterial activity assays of a silver (I) complex with succinic acid. <i>Eletica Quimica</i> , 2021, 46, 26-35.	0.2	6
22	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
23	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.	0.8	2
24	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
25	Promising Ag(I) complexes with N-acylhydrazones from aromatic aldehydes and isoniazid against multidrug resistance in tuberculosis. <i>Journal of Molecular Structure</i> , 2021, 1234, 130193.	1.8	3
26	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
27	DNA interactions, antitubercular and cytotoxic activity of heteroleptic Cu(II) complexes containing 1,10-phenanthroline. <i>Journal of Molecular Structure</i> , 2021, 1235, 130234.	1.8	3
28	Thiazole, triazole, thio- and semicarbazone derivatives - Promising moieties for drug development for the treatment of tuberculosis. <i>European Journal of Medicinal Chemistry Reports</i> , 2021, 1, 100002.	0.6	6
29	Design, synthesis and antibacterial activity of chalcones against MSSA and MRSA planktonic cells and biofilms. <i>Bioorganic Chemistry</i> , 2021, 116, 105279.	2.0	10
30	<i>Mycobacterium tuberculosis</i> and <i>Paracoccidioides brasiliensis</i> Formation and Treatment of Mixed Biofilm In Vitro. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 681131.	1.8	1
31	Bactericidal effect of pyridine-2-thiol 1-oxide sodium salt and its complex with iron against resistant clinical isolates of <i>Mycobacterium tuberculosis</i> . <i>Journal of Antibiotics</i> , 2020, 73, 120-124.	1.0	4
32	Improving the Potency of N-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
33	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
34	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
35	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
36	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

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37	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
38	Copper(II) biocompatible coordination solids as potential platforms for diclofenac delivery systems. <i>Journal of Solid State Chemistry</i> , 2020, 289, 121479.	1.4	3
39	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
40	Cytotoxic and apoptotic effects of ternary silver( $\text{Ag}^+$ ) complexes bearing 2-formylpyridine thiosemicarbazones and 1,10-phenanthroline. <i>Dalton Transactions</i> , 2020, 49, 5264-5275.	1.6	20
41	Cyto-genotoxic evaluation of novel anti-tubercular copper (II) complexes containing isoniazid-based ligands. <i>Regulatory Toxicology and Pharmacology</i> , 2020, 113, 104653.	1.3	4
42	Improved in vitro and in vivo Anti-Candida albicans Activity of Cymbopogon nardus Essential Oil by Its Incorporation into a Microemulsion System. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 10481-10497.	3.3	14
43	Isoniazid and verapamil modulatory activity and efflux pump gene expression in <i>Mycobacterium tuberculosis</i> . <i>International Journal of Tuberculosis and Lung Disease</i> , 2020, 24, 591-596.	0.6	4
44	SYNTHESIS, CHARACTERIZATION, DFT MODELING AND IN VITRO ANTIMYCOBACTERIAL ACTIVITY ASSAYS OF A SILVER(I)-ISONIAZID COMPLEX. <i>Quimica Nova</i> , 2020, , .	0.3	0
45	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.	0.5	29
46	A Novel Antifungal System With Potential for Prolonged Delivery of Histatin 5 to Limit Growth of Candida albicans. <i>Frontiers in Microbiology</i> , 2019, 10, 1667.	1.5	18
47	Experimental data on novel Fe(III)-complexes containing phenanthroline derivatives for their anticancer properties. <i>Data in Brief</i> , 2019, 27, 104548.	0.5	2
48	Esterification of the free carboxylic group from the lutidinic acid ligand as a tool to improve the cytotoxicity of Ru(II) complexes. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 376-390.	3.0	12
49	Antibacterial activity of 3,3'-dihydroxycurcumin (DHC) is associated with membrane perturbation. <i>Bioorganic Chemistry</i> , 2019, 90, 103031.	2.0	14
50	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
51	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
52	New ternary iron(III) aminobisphenolate hydroxyquinoline complexes as potential therapeutic agents. <i>Dalton Transactions</i> , 2019, 48, 8702-8716.	1.6	17
53	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
54	Acid diterpenes from Copaiba oleoresin (Copaifera langsdorffii): Chemical and plasma stability and intestinal permeability using Caco-2 cells. <i>Journal of Ethnopharmacology</i> , 2019, 235, 183-189.	2.0	11

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55	Exploiting the furo[2,3-b]pyridine core against multidrug-resistant <i>Mycobacterium tuberculosis</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 974-977.	1.0	12
56	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.	1.5	20
57	Modulatory effects of verapamil in rifampicin activity against <i>Mycobacterium tuberculosis</i> . <i>Future Microbiology</i> , 2019, 14, 185-194.	1.0	9
58	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
59	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
60	Dual-protected amino acid derivatives as new antitubercular agents. <i>Chemical Biology and Drug Design</i> , 2018, 92, 1576-1580.	1.5	5
61	Zn-based porous coordination solid as diclofenac sodium carrier. <i>Journal of Solid State Chemistry</i> , 2018, 260, 67-72.	1.4	16
62	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
63	Genetic correlates of clarithromycin susceptibility among isolates of the <i>Mycobacterium abscessus</i> group and the potential clinical applicability of a PCR-based analysis of erm(41). <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 862-866.	1.3	12
64	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
65	Silver(I) and zinc(II) complexes with symmetrical cinnamaldehyde Schiff base derivative: Spectroscopic, powder diffraction characterization, and antimycobacterial studies. <i>Polyhedron</i> , 2018, 146, 166-171.	1.0	12
66	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
67	Molecular characterization of <i>Mycobacterium tuberculosis</i> and <i>Mycobacterium bovis</i> isolates by Enterobacterial Repetitive Intergenic Consensus-PCR. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2018, 54, .	1.2	0
68	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.	1.5	5
69	Primary Lung Dendritic Cell Cultures to Assess Efficacy of Spectinamide-1599 Against Intracellular <i>Mycobacterium tuberculosis</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 1895.	1.5	5
70	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
71	New heterobimetallic ferrocenyl derivatives: Evaluation of their potential as prospective agents against trypanosomatid parasites and <i>Mycobacterium tuberculosis</i> . <i>Journal of Inorganic Biochemistry</i> , 2018, 187, 73-84.	1.5	19
72	Insulin-loaded polymeric mucoadhesive nanoparticles: development, characterization and cytotoxicity evaluation. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2018, 54, .	1.2	23

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73	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
74	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
75	Activity of rifampicin and linezolid combination in <i>Mycobacterium tuberculosis</i> . <i>Tuberculosis</i> , 2017, 104, 24-29.	0.8	17
76	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
77	Palladium(II)/ N , N -disubstituted- N $\alpha$ -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
78	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
79	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
80	Bis(diphenylphosphino)amines-containing ruthenium cymene complexes as potential anti- <i>Mycobacterium tuberculosis</i> agents. <i>Journal of Inorganic Biochemistry</i> , 2017, 173, 134-140.	1.5	13
81	Systematic review on the proteomic profile of <i>Mycobacterium tuberculosis</i> exposed to drugs. <i>Proteomics - Clinical Applications</i> , 2017, 11, 1600077.	0.8	1
82	Human topoisomerase inhibition and DNA/BSA binding of Ru(II)-SCAR complexes as potential anticancer candidates for oral application. <i>BioMetals</i> , 2017, 30, 321-334.	1.8	26
83	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
84	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
85	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.	2.4	12
86	Antibacterial and Antitubercular Activities of Cinnamylideneacetophenones. <i>Molecules</i> , 2017, 22, 1685.	1.7	17
87	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.	2.0	52
88	Structure/Activity of Pt(II)/N,N-Disubstituted-N $\alpha$ -acylthiourea Complexes: Anti-Tumor and Anti- <i>Mycobacterium tuberculosis</i> Activities. <i>Journal of the Brazilian Chemical Society</i> , 2017, , .	0.6	1
89	New Isoniazid Complexes, Promising Agents Against <i>Mycobacterium tuberculosis</i> . <i>Journal of the Mexican Chemical Society</i> , 2017, 57, .	0.2	4
90	Synthesis, Antitubercular and Leishmanicidal Evaluation of Resveratrol Analogues. <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	6

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91	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
92	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
93	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.	1.8	21
94	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
95	Nanotechnology-Based Drug Delivery Systems for Treatment of Tuberculosis—A Review. <i>Journal of Biomedical Nanotechnology</i> , 2016, 12, 241-260.	0.5	42
96	Synthesis and biological activity of furoxan derivatives against <i>Mycobacterium tuberculosis</i> . <i>European Journal of Medicinal Chemistry</i> , 2016, 123, 523-531.	2.6	64
97	Pyrazinamide susceptibility testing in <i>Mycobacterium tuberculosis</i> using the fast resazurin microtiter assay plate. <i>International Journal of Tuberculosis and Lung Disease</i> , 2016, 20, 1535-1538.	0.6	3
98	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
99	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
100	Anti- <i>Mycobacterium tuberculosis</i> activity of platinum(II)/ N , N -disubstituted- N -acyl thiourea complexes. <i>Inorganic Chemistry Communication</i> , 2016, 63, 74-80.	1.8	36
101	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
102	In vitro evaluation of the cyto-genotoxic potential of Ruthenium(II) SCAR complexes: a promising class of antituberculosis agents. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2016, 798-799, 11-18.	0.9	11
103	Anti- <i>Mycobacterium tuberculosis</i> activity of antituberculosis drugs and amoxicillin/clavulanate combination. <i>Journal of Microbiology, Immunology and Infection</i> , 2016, 49, 980-983.	1.5	23
104	Vanadium Complexes with Hydrazone or Thiosemicarbazone Ligands as Potential Anti- <i>Mycobacterium tuberculosis</i> Agents. <i>Current Clinical Pharmacology</i> , 2015, 10, 66-72.	0.2	5
105	Nanostructured lipid system as a strategy to improve the anti- <i>Candida albicans</i> activity of Astronium sp.. <i>International Journal of Nanomedicine</i> , 2015, 10, 5081.	3.3	49
106	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
107	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.	1.7	13
108	Antitubercular activity of Ru (II) isoniazid complexes. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 70, 45-54.	1.9	22



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109	C 2 ,N-dimethylbenzylamine cyclopalladated compounds: evaluation of cytotoxic, mutagenic and antitubercular activities. <i>Medicinal Chemistry Research</i> , 2015, 24, 2879-2888.	1.1	11
110	Aromatic amine N-oxide organometallic compounds: searching for prospective agents against infectious diseases. <i>Dalton Transactions</i> , 2015, 44, 14453-14464.	1.6	38
111	Pyrazolyl Pd(II) complexes containing triphenylphosphine: Synthesis and antimycobacterial activity. <i>Polyhedron</i> , 2015, 100, 10-16.	1.0	11
112	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
113	Ruthenium(II) complexes with hydroxypyridinecarboxylates: Screening potential metallodrugs against <i>Mycobacterium tuberculosis</i> . <i>Polyhedron</i> , 2015, 85, 376-382.	1.0	22
114	Current Advances in Antitubercular Drug Discovery: Potent Prototypes and New Targets. <i>Current Medicinal Chemistry</i> , 2015, 22, 3133-3161.	1.2	22
115	Anti- <i>Mycobacterium tuberculosis</i> and Cytotoxicity Activities of Ruthenium(II)/Bipyridine/Diphosphine/Pyrimidine-2-thiolate Complexes: The Role of the Non-Coordinated N-Atom. <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	1
116	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
117	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
118	Complexes of platinum and palladium with $\beta^2$ -diketones and DMSO: Synthesis, characterization, molecular modeling, and biological studies. <i>Journal of Molecular Structure</i> , 2014, 1075, 370-376.	1.8	26
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	Synthesis and evaluation of a pyrazinoic acid prodrug in <i>Mycobacterium tuberculosis</i> . <i>Saudi Pharmaceutical Journal</i> , 2014, 22, 376-380.	1.2	13
121	Manganese(II) complexes with thiosemicarbazones as potential anti- <i>Mycobacterium tuberculosis</i> agents. <i>Journal of Inorganic Biochemistry</i> , 2014, 132, 21-29.	1.5	50
122	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
123	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
124	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
125	Evaluation of the anti-mycobacterium tuberculosis activity and in vivo acute toxicity of <i>Annona sylvatica</i> . <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 209.	3.7	22
126	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



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127	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
128	Synthesis, crystal structures, antimicrobial, antifungal and antituberculosis activities of mixed ligand silver(I) complexes. <i>Polyhedron</i> , 2013, 62, 138-147.	1.0	32
129	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) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> ] $\cdot$ H <sub>2</sub> O. <i>Journal of Molecular Structure</i> , 2013, 1036, 180-187.	1.8	44
130	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
131	<i>Paepalanthus</i> spp: Antimycobacterial activity of extracts, methoxylated flavonoids and naphthopyranone fractions. <i>Revista Brasileira De Farmacognosia</i> , 2013, 23, 268-272.	0.6	11
132	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
133	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
134	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
135	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
136	Synthesis, Cytotoxicity, Antibacterial and Antileishmanial Activities of Imidazolidine and Hexahydropyrimidine Derivatives. <i>Medicinal Chemistry</i> , 2013, 9, 351-359.	0.7	17
137	Increment of Antimycobacterial Activity on Lichexanthone Derivatives. <i>Medicinal Chemistry</i> , 2013, 9, 904-910.	0.7	4
138	Binuclear cyclopalladated compounds with antitubercular activity: synthesis and characterization of $[{\text{Pd}}(\text{C}^{\text{sup}}\text{2}, \text{N-dmba})(\text{X})]_{2}(\text{L})$ ( $\text{X} = \text{Cl}, \text{Br}, \text{NCO}, \text{N}^{\text{sup}}\text{3}$ ); $\text{Tj ETQ} 0 0 0 \text{ BT /Over}$	1.0	28
139	Structure and antimycobacterial activity of the novel organometallic [Pd(C-bzan)(SCN)(dppp)] compound. <i>Inorganic Chemistry Communication</i> , 2012, 23, 63-66.	1.8	12
140	Increase of leishmanicidal and tubercular activities using steroids linked to aminoquinoline. <i>Organic and Medicinal Chemistry Letters</i> , 2012, 2, 16.	2.0	23
141	Anti- <i>Mycobacterium tuberculosis</i> activity of fungus <i>Phomopsis stipata</i> . <i>Brazilian Journal of Microbiology</i> , 2012, 43, 224-229.	0.8	4
142	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
143	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
144	Anti- <i>Mycobacterium tuberculosis</i> activity of fungus <i>Phomopsis stipata</i> . <i>Brazilian Journal of Microbiology</i> , 2012, 43, 224-9.	0.8	0

#	ARTICLE	IF	CITATIONS
145	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
146	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
147	Drug resistance in <i>Mycobacterium tuberculosis</i> clinical isolates from Brazil: Phenotypic and genotypic methods. <i>Biomedicine and Pharmacotherapy</i> , 2011, 65, 456-459.	2.5	22
148	Synthesis and Anti- <i>Mycobacterium tuberculosis</i> Evaluation of Aza-Stilbene Derivatives. <i>Scientific World Journal, The</i> , 2011, 11, 1113-1119.	0.8	9
149	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
150	Searching for gallium bioactive compounds: Gallium(III) complexes of tridentate salicylaldehyde semicarbazone derivatives. <i>Polyhedron</i> , 2011, 30, 1360-1366.	1.0	36
151	Ruthenium (II) phosphine/picolinate complexes as antimycobacterial agents. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 598-601.	2.6	46
152	Thiosemicarbazones, semicarbazones, dithiocarbazates and hydrazide/hydrazones: Anti <i>Mycobacterium tuberculosis</i> activity and cytotoxicity. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 1898-1905.	2.6	272
153	Antimycobacterial activity of lichen substances. <i>Phytomedicine</i> , 2010, 17, 328-332.	2.3	113
154	Design of novel iron compounds as potential therapeutic agents against tuberculosis. <i>Journal of Inorganic Biochemistry</i> , 2010, 104, 1164-1170.	1.5	39
155	Antimycobacterial and antitumor activities of Palladium(II) complexes containing isonicotinamide (isn): X-ray structure of trans-[Pd(N3)2(isn)2]. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 4863-4868.	2.6	51
156	Antimycobacterial activity of <i>Indigofera suffruticosa</i> with activation potential of the innate immune system. <i>Pharmaceutical Biology</i> , 2010, 48, 878-882.	1.3	11
157	Avaliação das moléculas com atividade antiTB das plantas do cerrado brasileiro. <i>Revista Portuguesa De Pneumologia</i> , 2010, 16, S83-S88.	0.7	0
158	Chemical Composition and Antioxidant and Antimycobacterial Activities of <i>Bromelia balansae</i> (Bromeliaceae). <i>Journal of Medicinal Food</i> , 2010, 13, 1277-1280.	0.8	11
159	Palladium(II) complexes with thiosemicarbazones: syntheses, characterization and cytotoxicity against breast cancer cells and Anti- <i>Mycobacterium tuberculosis</i> activity. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 1177-1186.	0.6	48
160	Evaluation of anti- <i>Mycobacterium tuberculosis</i> activity of <i>Campomanesia adamantium</i> (Myrtaceae). <i>Química Nova</i> , 2009, 32, 1222-1226.	0.3	47
161	In vitro anti- <i>Mycobacterium tuberculosis</i> activity of some Brazilian "Cerrado" plants. <i>Revista Brasileira De Farmacognosia</i> , 2009, 19, 204-206.	0.6	20
162	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

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163	Antitumor and antimycobacterial activities of cyclopalladated complexes: X-ray structure of [Pd(C2,N-dmba)(Br)(tu)] (dmba =N,N-dimethylbenzylamine, tu = thiourea). <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 4611-4615.	2.6	64
164	Vanadium complexes with thiosemicarbazones: Synthesis, characterization, crystal structures and anti- <i>Mycobacterium tuberculosis</i> activity. <i>Polyhedron</i> , 2009, 28, 398-406.	1.0	88
165	Synthesis and in vitro anti <i>Mycobacterium tuberculosis</i> activity of a series of phthalimide derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 3795-3799.	1.4	83
166	Synthesis, characterization, X-ray structure and in vitro antimycobacterial and antitumoral activities of Ru(II) phosphine/diimine complexes containing the $\kappa^2$ -S <sub>2</sub> Me <sub>2</sub> ligand, S <sub>2</sub> Me <sub>2</sub> =4,6-dimethyl-2-mercaptopyrimidine. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 1783-1789.	1.5	50
167	Triterpenes and antitubercular activity of <i>Byrsonima crassa</i> . <i>Quimica Nova</i> , 2008, 31, 1719-1721.	0.3	28
168	Synthesis, Antibacterial and Antitubercular Evaluation of Cardanol and Glycerol-Based $\kappa^2$ -Amino Alcohol Derivatives. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	3
169	Is the efflux pump inhibitor Verapamil a potential booster for isoniazid against <i>Mycobacterium tuberculosis</i> ?. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 0, 56, .	1.2	0
170	Profiling the <i>Cymbopogon nardus</i> Ethanol Extract and Its Antifungal Potential against <i>Candida</i> Species with Different Patterns of Resistance. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	1