Wilton R Lustri

List of Publications by Year
in descending order

60 papers	1,611 citations	361413 20 h-index	302126 39 g-index
66 all docs	66 docs citations	66 times ranked	2516 citing authors

#	Article	IF	Citations
1	Hydroalcoholic Extract of Myrcia bella Loaded into a Microemulsion System: A Study of Antifungal and Mutagenic Potential. Planta Medica, 2022, 88, 405-415.	1.3	5
2	Silver Nimesulide Complex in Bacterial Cellulose Membranes as an Innovative Therapeutic Method for Topical Treatment of Skin Squamous Cell Carcinoma. Pharmaceutics, 2022, 14, 462.	4.5	8
3	Investigating the antiproliferative activities of new CuII complexes with pyridine hydrazone derivatives of nalidixic acid. Journal of Inorganic Biochemistry, 2022, 234, 111881.	3.5	2
4	Production of sphere-like bacterial cellulose in cultivation media with different carbon sources: a promising sustained release system of rifampicin. Cellulose, 2022, 29, 6077-6092.	4.9	2
5	Chemical, spectroscopic characterization, molecular modeling and antibacterial activity assays of a silver (I) complex with succinic acid. Ecletica Quimica, 2021, 46, 26-35.	0.5	6
6	A novel water-soluble platinum(II) complex with the amino acid deoxyalliin: synthesis, crystal structure, theoretical studies and investigations about its antibacterial activity. Journal of Molecular Structure, 2021, 1236, 130316.	3.6	2
7	Silver complexes with fluoroanthranilic acid isomers: Spectroscopic characterization, antimycobacterial activity and cytotoxic studies over a panel of tumor cells. Inorganica Chimica Acta, 2020, 502, 119293.	2.4	6
8	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. Journal of Inorganic Biochemistry, 2020, 212, 111247.	3.5	15
9	Sulfonamide-containing copper(<scp>ii</scp>) complexes: new insights on biophysical interactions and antibacterial activities. New Journal of Chemistry, 2020, 44, 17236-17244.	2.8	17
10	Silver(I) and gold(I) complexes with sulfasalazine: Spectroscopic characterization, theoretical studies and antiproliferative activities over Gram-positive and Gram-negative bacterial strains. Journal of Molecular Structure, 2020, 1214, 128158.	3.6	20
11	Synthesis, crystal structures, DFT studies, antibacterial assays and interaction assessments with biomolecules of new platinum(<scp>ii</scp>) complexes with adamantane derivatives. New Journal of Chemistry, 2020, 44, 11546-11556.	2.8	11
12	Synthesis, crystallographic studies, molecular modeling and in vitro biological studies of silver(I) complexes with aminoadamantane ligands. Polyhedron, 2019, 173, 114116.	2.2	11
13	A new palladium(II) complex with ibuprofen: Spectroscopic characterization, DFT studies, antibacterial activities and interaction with biomolecules. Journal of Molecular Structure, 2019, 1186, 144-154.	3.6	17
14	Polynuclear copper(II) complexes with nalidixic acid hydrazones: Antiproliferative activity and selectivity assessment over a panel of tumor cells. Inorganica Chimica Acta, 2019, 484, 491-502.	2.4	22
15	Linear gold(I) complex with tris-(2-carboxyethyl)phosphine (TCEP): Selective antitumor activity and inertness toward sulfur proteins. Journal of Inorganic Biochemistry, 2018, 186, 104-115.	3.5	13
16	A Silver Complex with Cycloserine: Synthesis, Spectroscopic Characterization, Crystal Structure and In Vitro Biological Studies. ChemistrySelect, 2018, 3, 1719-1726.	1.5	6
17	The nitro-reduced metabolite of nimesulide: Crystal structure, spectroscopic characterization, ESI-QTOF mass spectrometric analysis and antibacterial evaluation. Journal of Molecular Structure, 2018, 1157, 469-475.	3.6	5
18	Pt(II) and Pd(II) complexes with ibuprofen hydrazide: Characterization, theoretical calculations, antibacterial and antitumor assays and studies of interaction with CT-DNA. Journal of Molecular Structure, 2018, 1154, 469-479.	3.6	17

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19	Hydrothermal synthesis of bacterial celluloseâ€"copper oxide nanocomposites and evaluation of their antimicrobial activity. Carbohydrate Polymers, 2018, 179, 341-349.	10.2	94
20	Influence of chemical and physical conditions in selection ofGluconacetobacter hanseniiATCC 23769 strains with high capacity to produce bacterial cellulose for application as sustained antimicrobial drug-release supports. Journal of Applied Microbiology, 2018, 125, 777-791.	3.1	13
21	Sulfonamide-containing copper(II) metallonucleases: Correlations with in vitro antimycobacterial and antiproliferative activities. Journal of Inorganic Biochemistry, 2018, 187, 85-96.	3.5	29
22	Komagataeibacter rhaeticus grown in sugarcane molasses-supplemented culture medium as a strategy for enhancing bacterial cellulose production. Industrial Crops and Products, 2018, 122, 637-646.	5.2	74
23	Bacterial cellulose: Application as drug delivery system. International Journal of Advances in Medical Biotechnology - IJAMB, 2018, 1, 7.	0.2	1
24	Synthesis, characterization and in vitro biological assays of a silver(I) complex with 5-fluorouracil: A strategy to overcome multidrug resistant tumor cells. Journal of Fluorine Chemistry, 2017, 195, 93-101.	1.7	32
25	Synthesis, characterization and preliminary antimicrobial assays of copper(II) complexes with 2-(imidazole-2-yl)heteroaryl ligands. Inorganica Chimica Acta, 2017, 458, 224-232.	2.4	15
26	Spectroscopic characterization and biological studies inÂvitro of a new silver complex with furosemide: Prospective of application as an antimicrobial agent. Journal of Molecular Structure, 2017, 1134, 386-394.	3.6	13
27	Copper(II) and silver(I) complexes with sulfamethizole: synthesis, spectroscopic characterization, ESI-QTOF mass spectrometric analysis, crystal structure and antibacterial activities. Polyhedron, 2017, 138, 168-176.	2.2	15
28	Synthesis, crystallographic studies, high resolution mass spectrometric analyses and antibacterial assays of silver(I) complexes with sulfisoxazole and sulfadimethoxine. Polyhedron, 2017, 121, 172-179.	2.2	36
29	A multipurpose natural and renewable polymer in medical applications: Bacterial cellulose. Carbohydrate Polymers, 2016, 153, 406-420.	10.2	250
30	Crystal structure, spectroscopic characterization and antibacterial activities of a silver complex with sulfameter. Journal of Molecular Structure, 2016, 1125, 609-615.	3.6	17
31	Characterization of bilayer bacterial cellulose membranes with different fiber densities: a promising system for controlled release of the antibiotic ceftriaxone. Cellulose, 2016, 23, 737-748.	4.9	42
32	Synthesis, spectroscopic characterization, crystallographic studies and antibacterial assays of new copper(II) complexes with sulfathiazole and nimesulide. Journal of Molecular Structure, 2016, 1112, 14-20.	3.6	26
33	On the formation, physicochemical properties and antibacterial activity of colloidal systems containing tea tree (Melaleuca alternifolia) oil. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 497, 271-279.	4.7	22
34	BiopolÃmeros: aplicaÃ§Ãµes farmacÃªutica e biomÃ©dica. Ecletica Quimica, 2016, 41, 01-31.	0.5	1
35	Microbial Cellulose â€" Biosynthesis Mechanisms and Medical Applications. , 2015, , .		13
36	Silver sulfadoxinate: Synthesis, structural and spectroscopic characterizations, and preliminary antibacterial assays in vitro. Journal of Molecular Structure, 2015, 1082, 180-187.	3.6	15

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37	Silver complexes with sulfathiazole and sulfamethoxazole: Synthesis, spectroscopic characterization, crystal structure and antibacterial assays. Polyhedron, 2015, 85, 437-444.	2.2	62
38	Viability of the Bilayer Bacterial Cellulose Membrane as a Biological Support for use in Tissue Engineering and Regenerative Medicine. FASEB Journal, 2015, 29, LB49.	0.5	0
39	A silver complex with tryptophan: Synthesis, structural characterization, DFT studies and antibacterial and antitumor assays in vitro. Journal of Molecular Structure, 2013, 1031, 125-131.	3.6	33
40	In vitro antibacterial activity of the leucocyte and plateletâ€rich fibrin clot exudate (Lâ€PRF). FASEB Journal, 2013, 27, 1217.32.	0.5	0
41	Synthesis, spectroscopic characterization, DFT studies, and initial antibacterial assays inÂvitro of a new palladium(II) complex with tryptophan. Journal of Coordination Chemistry, 2012, 65, 1700-1711.	2.2	26
42	Synthesis, spectroscopic characterization and molecular modeling of a tetranuclear platinum(II) complex with thiazolidine-4-carboxylic acid. Journal of Molecular Structure, 2012, 1019, 21-26.	3.6	1
43	Silver(I) and gold(I) complexes with penicillamine: Synthesis, spectroscopic characterization and biological studies. Polyhedron, 2012, 34, 210-214.	2.2	29
44	Synthesis, spectroscopic characterization, DFT studies and antibacterial assays of a novel silver(I) complex with the anti-inflammatory nimesulide. Polyhedron, 2012, 36, 112-119.	2.2	40
45	Synthesis, spectroscopic characterization, and antibacterial assays inÂvitro of a new platinum(II) complex with methionine sulfoxide. Journal of Coordination Chemistry, 2011, 64, 272-280.	2.2	6
46	Antimicrobial Bacterial Cellulose-Silver Nanoparticles Composite Membranes. Journal of Nanomaterials, 2011, 2011, 1-8.	2.7	178
47	Synthesis, spectroscopic studies, and preliminary antibacterial assays of a palladium(II) complex with 2-mercaptothiazoline. Journal of Coordination Chemistry, 2011, 64, 3092-3101.	2.2	11
48	Synthesis, spectroscopic characterization, DFT studies and biological assays of a novel gold(I) complex with 2-mercaptothiazoline. Polyhedron, 2011, 30, 2354-2359.	2.2	18
49	Chemical, spectroscopic characterization and antibacterial activities in vitro of a novel gold(I)â€“ibuprofen complex. Inorganic Chemistry Communication, 2011, 14, 738-740.	3.9	20
50	Palladium(II) complex with S-allyl-l-cysteine: New solid-state NMR spectroscopic measurements, molecular modeling and antibacterial assays. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 78, 313-318.	3.9	16
51	Chemical, spectroscopic characterization, DFT studies and initial pharmacological assays of a silver(I) complex with N-acetyl-l-cysteine. Polyhedron, 2011, 30, 579-583.	2.2	24
52	Pt(II) and Ag(I) complexes with acesulfame: Crystal structure and a study of their antitumoral, antimicrobial and antiviral activities. Journal of Inorganic Biochemistry, 2010, 104, 533-540.	3.5	70
53	BiossÃntese e recentes avanÃ§os na produÃ§Ã£o de celulose bacteriana. Ecletica Quimica, 2010, 35, 165-178.	0.5	53
54	Chemical, spectroscopic characterization, and in vitro antibacterial studies of a new gold(I) complex with N-acetyl-L-cysteine. Journal of Coordination Chemistry, 2010, 63, 1390-1397.	2.2	24

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55	eIF5A binds to translational machinery components and affects translation in yeast. Biochemical and Biophysical Research Communications, 2006, 348, 1358-1366.	2.1	88
56	Incidence of Non-01 Vibrio cholerae and Aeromonas spp. in Fresh Water in Araraquara, Brazil. Current Microbiology, 1998, 37, 28-31.	2.2	13
57	SÃntese, caracterizaÃ§Ã£o e ensaios de atividade antibacteriana de um novo complexo de prata(I) com acetazolamida.. , 0, , .		0
58	SÃntese, caracterizaÃ§Ã£o e ensaios de atividade antibacteriana de um complexo inÃ©dito de cobre(II) com sulfametizol. , 0, , .		0
59	AvaliaÃ§Ã£o da atividade antibacteriana de complexos de prata e cobre com sulfametazina. , 0, , .		0
60	Biosynthesis and recent advances in production of bacterial cellulose. Ecletica Quimica, 0, 35, 165.	0.5	2