

Wilton R Lustrì

List of Publications by Year in descending order

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60
papers

1,611
citations

411340

20
h-index

340414

39
g-index

66
all docs

66
docs citations

66
times ranked

2760
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	Silver Nimesulide Complex in Bacterial Cellulose Membranes as an Innovative Therapeutic Method for Topical Treatment of Skin Squamous Cell Carcinoma. <i>Pharmaceutics</i> , 2022, 14, 462.	2.0	8
3	Investigating the antiproliferative activities of new CuII complexes with pyridine hydrazone derivatives of nalidixic acid. <i>Journal of Inorganic Biochemistry</i> , 2022, 234, 111881.	1.5	2
4	Production of sphere-like bacterial cellulose in cultivation media with different carbon sources: a promising sustained release system of rifampicin. <i>Cellulose</i> , 2022, 29, 6077-6092.	2.4	2
5	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
6	A novel water-soluble platinum(II) complex with the amino acid deoxyalliin: synthesis, crystal structure, theoretical studies and investigations about its antibacterial activity. <i>Journal of Molecular Structure</i> , 2021, 1236, 130316.	1.8	2
7	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
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. <i>Journal of Inorganic Biochemistry</i> , 2020, 212, 111247.	1.5	15
9	Sulfonamide-containing copper(II) complexes: new insights on biophysical interactions and antibacterial activities. <i>New Journal of Chemistry</i> , 2020, 44, 17236-17244.	1.4	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. <i>Journal of Molecular Structure</i> , 2020, 1214, 128158.	1.8	20
11	Synthesis, crystal structures, DFT studies, antibacterial assays and interaction assessments with biomolecules of new platinum(II) complexes with adamantane derivatives. <i>New Journal of Chemistry</i> , 2020, 44, 11546-11556.	1.4	11
12	Synthesis, crystallographic studies, molecular modeling and in vitro biological studies of silver(I) complexes with aminoadamantane ligands. <i>Polyhedron</i> , 2019, 173, 114116.	1.0	11
13	A new palladium(II) complex with ibuprofen: Spectroscopic characterization, DFT studies, antibacterial activities and interaction with biomolecules. <i>Journal of Molecular Structure</i> , 2019, 1186, 144-154.	1.8	17
14	Polynuclear copper(II) complexes with nalidixic acid hydrazones: Antiproliferative activity and selectivity assessment over a panel of tumor cells. <i>Inorganica Chimica Acta</i> , 2019, 484, 491-502.	1.2	22
15	Linear gold(I) complex with tris-(2-carboxyethyl)phosphine (TCEP): Selective antitumor activity and inertness toward sulfur proteins. <i>Journal of Inorganic Biochemistry</i> , 2018, 186, 104-115.	1.5	13
16	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
17	The nitro-reduced metabolite of nimesulide: Crystal structure, spectroscopic characterization, ESI-QTOF mass spectrometric analysis and antibacterial evaluation. <i>Journal of Molecular Structure</i> , 2018, 1157, 469-475.	1.8	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. <i>Journal of Molecular Structure</i> , 2018, 1154, 469-479.	1.8	17

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19	Hydrothermal synthesis of bacterial cellulose-copper oxide nanocomposites and evaluation of their antimicrobial activity. Carbohydrate Polymers, 2018, 179, 341-349.	5.1	94
20	Influence of chemical and physical conditions in selection of <i>Gluconacetobacter hansenii</i> ATCC 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.	1.4	13
21	Sulfonamide-containing copper(II) metallonucleases: Correlations with in vitro antimycobacterial and antiproliferative activities. Journal of Inorganic Biochemistry, 2018, 187, 85-96.	1.5	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.	2.5	74
23	Bacterial cellulose: Application as drug delivery system. International Journal of Advances in Medical Biotechnology - IJAMB, 2018, 1, 7.	0.1	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.	0.9	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.	1.2	15
26	Spectroscopic characterization and biological studies in vitro of a new silver complex with furosemide: Prospective of application as an antimicrobial agent. Journal of Molecular Structure, 2017, 1134, 386-394.	1.8	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.	1.0	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.	1.0	36
29	A multipurpose natural and renewable polymer in medical applications: Bacterial cellulose. Carbohydrate Polymers, 2016, 153, 406-420.	5.1	250
30	Crystal structure, spectroscopic characterization and antibacterial activities of a silver complex with sulfameter. Journal of Molecular Structure, 2016, 1125, 609-615.	1.8	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.	2.4	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.	1.8	26
33	On the formation, physicochemical properties and antibacterial activity of colloidal systems containing tea tree (<i>Melaleuca alternifolia</i>) oil. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 497, 271-279.	2.3	22
34	Biopolímeros: aplicações farmacêutica e biomédica. Eclética Química, 2016, 41, 01-31.	0.2	1
35	Microbial Cellulose - 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.	1.8	15

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37	Silver complexes with sulfathiazole and sulfamethoxazole: Synthesis, spectroscopic characterization, crystal structure and antibacterial assays. <i>Polyhedron</i> , 2015, 85, 437-444.	1.0	62
38	Viability of the Bilayer Bacterial Cellulose Membrane as a Biological Support for use in Tissue Engineering and Regenerative Medicine. <i>FASEB Journal</i> , 2015, 29, LB49.	0.2	0
39	A silver complex with tryptophan: Synthesis, structural characterization, DFT studies and antibacterial and antitumor assays in vitro. <i>Journal of Molecular Structure</i> , 2013, 1031, 125-131.	1.8	33
40	In vitro antibacterial activity of the leucocyte and platelet-rich fibrin clot exudate (L-PRF). <i>FASEB Journal</i> , 2013, 27, 1217.32.	0.2	0
41	Synthesis, spectroscopic characterization, DFT studies, and initial antibacterial assays <i>in vitro</i> of a new palladium(II) complex with tryptophan. <i>Journal of Coordination Chemistry</i> , 2012, 65, 1700-1711.	0.8	26
42	Synthesis, spectroscopic characterization and molecular modeling of a tetranuclear platinum(II) complex with thiazolidine-4-carboxylic acid. <i>Journal of Molecular Structure</i> , 2012, 1019, 21-26.	1.8	1
43	Silver(I) and gold(I) complexes with penicillamine: Synthesis, spectroscopic characterization and biological studies. <i>Polyhedron</i> , 2012, 34, 210-214.	1.0	29
44	Synthesis, spectroscopic characterization, DFT studies and antibacterial assays of a novel silver(I) complex with the anti-inflammatory nimesulide. <i>Polyhedron</i> , 2012, 36, 112-119.	1.0	40
45	Synthesis, spectroscopic characterization, and antibacterial assays <i>in vitro</i> of a new platinum(II) complex with methionine sulfoxide. <i>Journal of Coordination Chemistry</i> , 2011, 64, 272-280.	0.8	6
46	Antimicrobial Bacterial Cellulose-Silver Nanoparticles Composite Membranes. <i>Journal of Nanomaterials</i> , 2011, 2011, 1-8.	1.5	178
47	Synthesis, spectroscopic studies, and preliminary antibacterial assays of a palladium(II) complex with 2-mercaptothiazoline. <i>Journal of Coordination Chemistry</i> , 2011, 64, 3092-3101.	0.8	11
48	Synthesis, spectroscopic characterization, DFT studies and biological assays of a novel gold(I) complex with 2-mercaptothiazoline. <i>Polyhedron</i> , 2011, 30, 2354-2359.	1.0	18
49	Chemical, spectroscopic characterization and antibacterial activities <i>in vitro</i> of a novel gold(I)-ibuprofen complex. <i>Inorganic Chemistry Communication</i> , 2011, 14, 738-740.	1.8	20
50	Palladium(II) complex with S-allyl-L-cysteine: New solid-state NMR spectroscopic measurements, molecular modeling and antibacterial assays. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 78, 313-318.	2.0	16
51	Chemical, spectroscopic characterization, DFT studies and initial pharmacological assays of a silver(I) complex with N-acetyl-L-cysteine. <i>Polyhedron</i> , 2011, 30, 579-583.	1.0	24
52	Pt(II) and Ag(I) complexes with acesulfame: Crystal structure and a study of their antitumoral, antimicrobial and antiviral activities. <i>Journal of Inorganic Biochemistry</i> , 2010, 104, 533-540.	1.5	70
53	Biossíntese e recentes avanços na produção de celulose bacteriana. <i>Ecletica Química</i> , 2010, 35, 165-178.	0.2	53
54	Chemical, spectroscopic characterization, and <i>in vitro</i> antibacterial studies of a new gold(I) complex with N-acetyl-L-cysteine. <i>Journal of Coordination Chemistry</i> , 2010, 63, 1390-1397.	0.8	24

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55	eIF5A binds to translational machinery components and affects translation in yeast. <i>Biochemical and Biophysical Research Communications</i> , 2006, 348, 1358-1366.	1.0	88
56	Incidence of Non-O1 <i>Vibrio cholerae</i> and <i>Aeromonas</i> spp. in Fresh Water in Araraquara, Brazil. <i>Current Microbiology</i> , 1998, 37, 28-31.	1.0	13
57	Síntese, caracterização e ensaios de atividade antibacteriana de um novo complexo de prata(I) com acetazolamida.., 0, , .		0
58	Síntese, caracterização e ensaios de atividade antibacteriana de um complexo inóclido de cobre(II) com sulfametizol. , 0, , .		0
59	Avaliação da atividade antibacteriana de complexos de prata e cobre com sulfametazina. , 0, , .		0
60	Biosynthesis and recent advances in production of bacterial cellulose. <i>Ecletica Quimica</i> , 0, 35, 165.	0.2	2