

Helena Carla Castro

List of Publications by Year in descending order

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177
papers

4,074
citations

126907

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h-index

168389

53
g-index

181
all docs

181
docs citations

181
times ranked

6009
citing authors

#	ARTICLE	IF	CITATIONS
1	Leishmaniasis treatment – a challenge that remains: a review. <i>Parasitology Research</i> , 2008, 103, 1-10.	1.6	232
2	Synthesis, HIV-RT inhibitory activity and SAR of 1-benzyl-1H-1,2,3-triazole derivatives of carbohydrates. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 373-383.	5.5	201
3	Synthesis, tuberculosis inhibitory activity, and SAR study of N-substituted-phenyl-1,2,3-triazole derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 8644-8653.	3.0	193
4	Antiplatelet properties of novel N-substituted-phenyl-1,2,3-triazole-4-acylhydrazone derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 2051-2059.	3.0	168
5	Design, synthesis, SAR, and biological evaluation of new 4-(phenylamino)thieno[2,3-b]pyridine derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 5765-5770.	3.0	92
6	<i>Staphylococcus aureus</i> : visitando uma cepa de importância hospitalar. <i>Jornal Brasileiro De Patologia E Medicina Laboratorial</i> , 2007, 43, 413-423.	0.3	87
7	Trypanocidal agents with low cytotoxicity to mammalian cell line: A comparison of the theoretical and biological features of lapachone derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 5459-5466.	3.0	78
8	Synthesis, antiplatelet and in silico evaluations of novel N-substituted-phenylamino-5-methyl-1H-1,2,3-triazole-4-carbohydrazides. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 3713-3719.	3.0	77
9	Synthesis, in vitro evaluation, and SAR studies of a potential antichagasic 1H-pyrazolo[3,4-b]pyridine series. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 211-219.	3.0	69
10	Synthesis, antichagasic in vitro evaluation, cytotoxicity assays, molecular modeling and SAR/QSAR studies of a 2-phenyl-3-(1-phenyl-1H-pyrazol-4-yl)-acrylic acid benzylidene-carbohydrazide series. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 295-302.	3.0	69
11	Synthesis and anti-platelet activity of novel arylsulfonate – acylhydrazone derivatives, designed as antithrombotic candidates. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 348-356.	5.5	60
12	Antibacterial profile against drug-resistant <i>Staphylococcus epidermidis</i> clinical strain and structure – activity relationship studies of 1H-pyrazolo[3,4-b]pyridine and thieno[2,3-b]pyridine derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 8196-8204.	3.0	57
13	HIV-1 Reverse Transcriptase: A Therapeutical Target in the Spotlight. <i>Current Medicinal Chemistry</i> , 2006, 13, 313-324.	2.4	55
14	Synthesis, antitubercular activity, and SAR study of N-substituted-phenylamino-5-methyl-1H-1,2,3-triazole-4-carbohydrazides. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 5605-5611.	3.0	53
15	In Vitro – In Vivo Correlation of Efavirenz Tablets Using GastroPlus®. <i>AAPS PharmSciTech</i> , 2013, 14, 1244-1254.	3.3	53
16	Synthesis, biological evaluation and SAR of sulfonamide 4-methoxychalcone derivatives with potential antileishmanial activity. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 755-763.	5.5	49
17	Trimethoxy-chalcone derivatives inhibit growth of <i>Leishmania braziliensis</i> : Synthesis, biological evaluation, molecular modeling and structure – activity relationship (SAR). <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 5046-5052.	3.0	47
18	SAR of a series of anti-HSV-1 acridone derivatives, and a rational acridone-based design of a new anti-HSV-1 3H-benzo[b]pyrazolo[3,4-h]-1,6-naphthyridine series. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 313-321.	3.0	46

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19	Structural features of a snake venom thrombin-like enzyme: thrombin and trypsin on a single catalytic platform?. <i>BBA - Proteins and Proteomics</i> , 2001, 1547, 183-195.	2.1	44
20	Structural and Pharmacological Features of Phospholipases A2 from Snake Venoms. <i>Protein and Peptide Letters</i> , 2009, 16, 899-907.	0.9	43
21	Snake Venom: Any Clue for Antibiotics and CAM?. <i>Evidence-based Complementary and Alternative Medicine</i> , 2005, 2, 39-47.	1.2	42
22	Synthesis and antimicrobial evaluation of amino sugar-based naphthoquinones and isoquinoline-5,8-diones and their halogenated compounds. <i>European Journal of Medicinal Chemistry</i> , 2018, 156, 1-12.	5.5	41
23	Bothroaltein, a thrombin inhibitor from the venom of <i>Bothrops alternatus</i> . <i>Toxicon</i> , 1998, 36, 1903-1912.	1.6	38
24	Synthesis using microwave irradiation and antibacterial evaluation of new N,O-acetals and N,S-acetals derived from 2-amino-1,4-naphthoquinones. <i>European Journal of Medicinal Chemistry</i> , 2013, 63, 196-201.	5.5	38
25	Molecular Cloning and Expression of Bothrojaracin, A Potent Thrombin Inhibitor from Snake Venom. <i>FEBS Journal</i> , 1997, 248, 550-557.	0.2	37
26	Non-invasive imaging and cellular tracking of pulmonary emboli by near-infrared fluorescence and positron-emission tomography. <i>Nature Communications</i> , 2015, 6, 8448.	12.8	37
27	Development and Characterization of Nisin Nanoparticles as Potential Alternative for the Recurrent Vaginal Candidiasis Treatment. <i>AAPS PharmSciTech</i> , 2016, 17, 1421-1427.	3.3	37
28	Synthesis, antiviral activity and molecular modeling of oxoquinoline derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 5476-5481.	3.0	36
29	Synthesis, biological, and theoretical evaluations of new 1,2,3-triazoles against the hemolytic profile of the <i>Lachesis muta</i> snake venom. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 7429-7434.	3.0	36
30	1-Aryl-1 H - and 2-aryl-2 H -1,2,3-triazole derivatives blockade P2X7 receptor in vitro and inflammatory response in vivo. <i>European Journal of Medicinal Chemistry</i> , 2017, 139, 698-717.	5.5	36
31	Hetero-Diels-Alder reactions of novel 3-triazolyl-nitrosoalkenes as an approach to functionalized 1,2,3-triazoles with antibacterial profile. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 1010-1020.	5.5	36
32	Antibacterial naphthoquinone derivatives targeting resistant strain Gram-negative bacteria in biofilms. <i>Microbial Pathogenesis</i> , 2018, 118, 105-114.	2.9	35
33	Two novel defensin-encoding genes of the Chagas disease vector <i>Triatoma brasiliensis</i> (Reduviidae). <i>Trends in Microbiology</i> , 2018, 26, 840-848.	2.0	34
34	Synthesis and anticancer activities of some novel 2-(benzo[d]thiazol-2-yl)-8-substituted-2H-pyrazolo[4,3-c]quinolin-3(5H)-ones. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 1448-1452.	5.5	33
35	Molecular Modeling Studies of the Structural, Electronic, and UV Absorption Properties of Benzophenone Derivatives. <i>Journal of Physical Chemistry A</i> , 2012, 116, 10927-10933.	2.5	33
36	Discovery of LASSBio-772, a 1,3-benzodioxole N-phenylpiperazine derivative with potent alpha 1A/D-Adrenergic receptor blocking properties. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 3000-3012.	5.5	32

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37	Looking at the proteases from a simple perspective. <i>Journal of Molecular Recognition</i> , 2011, 24, 165-181.	2.1	32
38	Thieno[2,3-b]pyridine derivatives: a new class of antiviral drugs against Mayaro virus. <i>Archives of Virology</i> , 2017, 162, 1577-1587.	2.1	32
39	Cloning, characterization, and structural analysis of a C-type lectin from <i>Bothrops insularis</i> (BiL) venom. <i>Archives of Biochemistry and Biophysics</i> , 2004, 432, 1-11.	3.0	31
40	In vitro and in vivo analysis of the antithrombotic and toxicological profile of new antiplatelets N-acylhydrazone derivatives and development of nanosystems. <i>Thrombosis Research</i> , 2014, 134, 376-383.	1.7	31
41	New approaches in tail-bleeding assay in mice: improving an important method for designing new anti-thrombotic agents. <i>International Journal of Experimental Pathology</i> , 2016, 97, 285-292.	1.3	31
42	1,4-Naphthoquinones potently inhibiting P2X7 receptor activity. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 1361-1372.	5.5	31
43	Receptor-dependent (RD) 3D-QSAR approach of a series of benzylpiperidine inhibitors of human acetylcholinesterase (HuAChE). <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 39-51.	5.5	30
44	Synthesis, characterization and biological activities of 3-aryl-1,4-naphthoquinones – green palladium-catalysed Suzuki cross coupling. <i>New Journal of Chemistry</i> , 2016, 40, 7643-7656.	2.8	30
45	<i>Trypanosoma cruzi</i> : Insights into naphthoquinone effects on growth and proteinase activity. <i>Experimental Parasitology</i> , 2011, 127, 160-166.	1.2	29
46	In Vitro Evaluation of Essential Oils Derived from <i>Piper nigrum</i> (Piperaceae) and <i>Citrus limonum</i> (Rutaceae) against the Tick <i>Rhipicephalus (Boophilus) microplus</i> (Acari). <i>Trends in Parasitology</i> , 2010, 26, 10-14.	8.5	29
47	Identification of Bothrojaracin-like proteins in snake venoms from <i>Bothrops</i> species and <i>Lachesis muta</i> . <i>Toxicon</i> , 1999, 37, 1403-1416.	1.6	28
48	Integrin inhibitors from snake venom: Exploring the relationship between the structure and activity of RGD-peptides. <i>Archives of Biochemistry and Biophysics</i> , 2009, 482, 25-32.	3.0	28
49	The study of vancomycin use and its adverse reactions associated to patients of a Brazilian university hospital. <i>BMC Research Notes</i> , 2011, 4, 236.	1.4	27
50	Sodium Montmorillonite/Amine-Containing Drugs Complexes: New Insights on Intercalated Drugs Arrangement into Layered Carrier Material. <i>PLoS ONE</i> , 2015, 10, e0121110.	2.5	27
51	Searching for a potential antibacterial lead structure against bacterial biofilms among new naphthoquinone compounds. <i>Journal of Applied Microbiology</i> , 2017, 122, 651-662.	3.1	27
52	Proteolytic action of <i>Bothrops jararaca</i> venom upon its own constituents. <i>Toxicon</i> , 2001, 39, 787-792.	1.6	26
53	Synthesis and mechanistic evaluation of novel N TM -benzylidene-carbohydrazone-1 H -pyrazolo[3,4 -b]pyridine derivatives as non-anionic antiplatelet agents. <i>European Journal of Medicinal Chemistry</i> , 2017, 135, 213-229.	5.5	25
54	<i>Trypanosoma cruzi</i> : in vitro activity of Epoxy- β -Lap, a derivative of β -lapachone, on trypomastigote and amastigote forms. <i>Experimental Parasitology</i> , 2009, 122, 91-96.	1.2	24

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55	Ornithobacterium rhinotracheale: An Update Review about An Emerging Poultry Pathogen. Veterinary Sciences, 2020, 7, 3.	1.7	24
56	Facing Racism and Sexism in Science by Fighting Against Social Implicit Bias: A Latina and Black Woman's Perspective. Frontiers in Psychology, 2021, 12, 671481.	2.1	24
57	Structure-function inferences based on molecular modeling, sequence-based methods and biological data analysis of snake venom lectins. Toxicon, 2006, 48, 690-701.	1.6	23
58	Comparative Analysis of Viperidae Venoms Antibacterial Profile: a Short Communication for Proteomics. Evidence-based Complementary and Alternative Medicine, 2011, 2011, 1-4.	1.2	23
59	4-(1H-Pyrazol-1-yl) Benzenesulfonamide Derivatives: Identifying New Active Antileishmanial Structures for Use against a Neglected Disease. Molecules, 2012, 17, 12961-12973.	3.8	23
60	Biotechnological Potential of Streptomyces Siderophores as New Antibiotics. Current Medicinal Chemistry, 2021, 28, 1407-1421.	2.4	23
61	Infection of Mouse Dermal Fibroblasts by the Monoxenous Trypanosomatid Protozoa Crithidia deanei and Herpetomonas roitmani. Journal of Eukaryotic Microbiology, 2004, 51, 570-574.	1.7	22
62	Development and characterization of a new oral dapsone nanoemulsion system: permeability and in silico bioavailability studies. International Journal of Nanomedicine, 2012, 7, 5175.	6.7	22
63	Synthesis and antimicrobial evaluation of promising 7-arylamino-5,8-dioxo-5,8-dihydroisoquinoline-4-carboxylates and their halogenated amino compounds for treating Gram-negative bacterial infections. RSC Advances, 2017, 7, 18311-18320.	3.6	22
64	Marine Diterpenes: Molecular Modeling of Thrombin Inhibitors with Potential Biotechnological Application as an Antithrombotic. Marine Drugs, 2017, 15, 79.	4.6	22
65	Identification of Nor- ¹² -Lapachone Derivatives as Potential Antibacterial Compounds against Enterococcus faecalis Clinical Strain. Current Microbiology, 2011, 62, 684-689.	2.2	21
66	Hologram QSAR Models of 4-[(Diethylamino)methyl]-phenol Inhibitors of Acetyl/Butyrylcholinesterase Enzymes as Potential Anti-Alzheimer Agents. Molecules, 2012, 17, 9529-9539.	3.8	21
67	Rational use of antioxidants in solid oral pharmaceutical preparations. Brazilian Journal of Pharmaceutical Sciences, 2012, 48, 405-415.	1.2	21
68	Lipoproteins from vertebrate host blood plasma are involved in Trypanosoma cruzi epimastigote agglutination and participate in interaction with the vector insect, Rhodnius prolixus. Experimental Parasitology, 2018, 195, 24-33.	1.2	21
69	Bothrops sp. Snake Venoms: Comparison of Some Biochemical and Physicochemical Properties and Interference in Platelet Functions. Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology, 1998, 119, 21-29.	0.5	20
70	Sistema colinérgico: revisitando receptores, regulação e a relação com a doença de Alzheimer, esquizofrenia, epilepsia e tabagismo. Revista De Psiquiatria Clínica, 2010, 37, 66-72.	0.6	20
71	Synthesis and antileishmanial activity of new 1-aryl-1H-pyrazole-4-carboximidamides derivatives. Journal of the Brazilian Chemical Society, 2011, 22, 352-358.	0.6	20
72	Interaction of Mycobacterium leprae with the H ₂ C ₂ T human keratinocyte cell line: new frontiers in the cellular immunology of leprosy. Experimental Dermatology, 2015, 24, 536-542.	2.9	20

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73	Targeting <sc>CYP</sc>51 for drug design by the contributions of molecular modeling. <i>Fundamental and Clinical Pharmacology</i> , 2017, 31, 37-53.	1.9	19
74	CURRENT STATUS OF SNAKE VENOM THROMBIN-LIKE ENZYMES. <i>Toxin Reviews</i> , 2006, 25, 291-318.	3.4	18
75	Sulphonamide and sulphonyl-hydrazone cyclic imide derivatives: Antinociceptive activity, molecular modeling and In Silico ADMET screening. <i>Archives of Pharmacal Research</i> , 2012, 35, 1713-1722.	6.3	18
76	Synthesis and Antiplatelet Activity of Antithrombotic Thiourea Compounds: Biological and Structure-Activity Relationship Studies. <i>Molecules</i> , 2015, 20, 7174-7200.	3.8	18
77	COVID-19 and Hyperimmune sera: A feasible plan B to fight against coronavirus. <i>International Immunopharmacology</i> , 2021, 90, 107220.	3.8	18
78	Leishmania amazonensis Growth Inhibitors: Biological and Theoretical Features of Sulfonamide 4-Methoxychalcone Derivatives. <i>Current Microbiology</i> , 2009, 59, 374-379.	2.2	17
79	Molecular Docking Studies of Marine Diterpenes as Inhibitors of Wild-Type and Mutants HIV-1 Reverse Transcriptase. <i>Marine Drugs</i> , 2013, 11, 4127-4143.	4.6	17
80	Antileishmanial Thioureas: Synthesis, Biological Activity and <i>in Silico</i> Evaluations of New Promising Derivatives. <i>Chemical and Pharmaceutical Bulletin</i> , 2017, 65, 911-919.	1.3	17
81	Synthesis of new 4-(phenylamino)thieno[2,3-b]pyridines and derivatives of the novel benzo[b]thieno[3,2-h][1,6]naphthyridine tetracyclic system. <i>Arkivoc</i> , 2008, 2008, 77-87.	0.5	17
82	3D-QSAR CoMFA of a Series of DABO Derivatives as HIV-1 Reverse Transcriptase Non-Nucleoside Inhibitors. <i>Journal of Chemical Information and Modeling</i> , 2008, 48, 1706-1715.	5.4	16
83	Identification and characterization of a new member of snake venom thrombin inhibitors from <i>Bothrops insularis</i> using a proteomic approach. <i>Toxicon</i> , 2008, 51, 659-671.	1.6	16
84	Speciation of antimony (III) and antimony (V) using hydride generation for meglumine antimoniate pharmaceutical formulations quality control. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2008, 103, 130-137.	1.6	16
85	<i>In Silico</i> Structural Characteristics and $\hat{\pm}$ -Amylase Inhibitory Properties of Ric c 1 and Ric c 3, Allergenic 2S Albumins from <i>Ricinus communis</i> Seeds. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 4814-4821.	5.2	16
86	Assessment of predictivity of volatile organic compounds carcinogenicity and mutagenicity by freeware in silico models. <i>Regulatory Toxicology and Pharmacology</i> , 2017, 91, 1-8.	2.7	16
87	Receptor-Dependent 4D-QSAR Analysis of Peptidemimetic Inhibitors of <i>Trypanosoma cruzi</i> Trypanothione Reductase with Receptor-Based Alignment. <i>Chemical Biology and Drug Design</i> , 2012, 79, 740-748.	3.2	15
88	Human thromboxane synthase: comparative modeling and docking evaluation with the competitive inhibitors Dazoxiben and Ozagrel. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2014, 29, 527-531.	5.2	15
89	Antiplatelet pyrazolopyridines derivatives: pharmacological, biochemical and toxicological characterization. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1591-1601.	5.2	15
90	Arylboronic acids inhibit P2X7 receptor function and the acute inflammatory response. <i>Journal of Bioenergetics and Biomembranes</i> , 2019, 51, 277-290.	2.3	15

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91	Synthesis, Biological Evaluation, and Molecular Modeling Studies of New Thiadiazole Derivatives as Potent P2X7 Receptor Inhibitors. <i>Frontiers in Chemistry</i> , 2019, 7, 261.	3.6	15
92	Preparation and Evaluation of Inclusion Complexes of Commercial Sunscreens in Cyclodextrins and Montmorillonites: Performance and Substantivity Studies. <i>Drug Development and Industrial Pharmacy</i> , 2008, 34, 536-546.	2.0	14
93	Preparation of Dry Extract of <i>Mikania glomerata</i> Sprengel (Guaco) and Determination of Its Coumarin Levels by Spectrophotometry and HPLC-UV. <i>Molecules</i> , 2012, 17, 10344-10354.	3.8	14
94	Mycoses and Antifungals: reviewing the basis of a current problem that still is a biotechnological target for marine products. <i>Frontiers in Marine Science</i> , 2014, 1, .	2.5	14
95	Synthesis, Cytotoxicity and Mechanistic Evaluation of 4-Oxoquinoline-3-carboxamide Derivatives: Finding New Potential Anticancer Drugs. <i>Molecules</i> , 2014, 19, 6651-6670.	3.8	14
96	Platelets: Still a Therapeutical Target for Haemostatic Disorders. <i>International Journal of Molecular Sciences</i> , 2014, 15, 17901-17919.	4.1	13
97	Aminomethylnaphthoquinones and HSV-1: <i>in vitro</i> and <i>in silico</i> Evaluations of Potential Antivirals. <i>Antiviral Therapy</i> , 2016, 21, 507-515.	1.0	13
98	Exploring 1,2,3-triazole derivatives by using <i>in vitro</i> and <i>in silico</i> assays to target new antifungal agents and treat Candidiasis. <i>Medicinal Chemistry Research</i> , 2017, 26, 680-689.	2.4	13
99	Development and validation of a HPLC-UV method for the determination in didanosine tablets. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 38, 751-756.	2.8	12
100	Isolation and molecular characterization of a major hemolymph serpin from the triatomine, <i>Panstrongylus megistus</i> . <i>Parasites and Vectors</i> , 2014, 7, 23.	2.5	12
101	Hologram QSAR Models of a Series of 6-Arylquinazolin-4-Amine Inhibitors of a New Alzheimer's Disease Target: Dual Specificity Tyrosine-Phosphorylation-Regulated Kinase-1A Enzyme. <i>International Journal of Molecular Sciences</i> , 2015, 16, 5235-5253.	4.1	12
102	<i>Streptomyces qaidamensis</i> sp. nov., isolated from sand in the Qaidam Basin, China. <i>Journal of Antibiotics</i> , 2018, 71, 880-886.	2.0	12
103	Design, synthesis, <i>in vitro</i> and <i>in silico</i> studies of novel 4-oxoquinoline ribonucleoside derivatives as HIV-1 reverse transcriptase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2020, 194, 112255.	5.5	12
104	Ethylhexyl methoxycinnamate and butyl methoxydibenzoylmethane: Toxicological effects on marine biota and human concerns. <i>Journal of Applied Toxicology</i> , 2022, 42, 73-86.	2.8	12
105	Subunit Dissociation, Unfolding, and Inactivation of Bothrojaracin, a C-Type Lectin-like Protein from Snake Venom. <i>Biochemistry</i> , 2003, 42, 509-515.	2.5	11
106	Identification of a Potential Lead Structure for Designing New Antimicrobials to Treat Infections Caused by <i>Staphylococcus epidermidis</i> -Resistant Strains. <i>Current Microbiology</i> , 2008, 57, 463-468.	2.2	11
107	DNA methylation: A promising target for the twenty-first century. <i>Expert Opinion on Therapeutic Targets</i> , 2008, 12, 1035-1047.	3.4	11
108	Antibiofilm effects of N,O-acetals derived from 2-amino-1,4-naphthoquinone are associated with downregulation of important global virulence regulators in methicillin-resistant <i>Staphylococcus aureus</i> . <i>Scientific Reports</i> , 2020, 10, 19631.	3.3	11

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109	COVID-19: don't forget deaf people. <i>Nature</i> , 2020, 579, 343-343.	27.8	11
110	Development of novel montmorillonite-based sustained release system for oral bromopride delivery.. <i>European Journal of Pharmaceutical Sciences</i> , 2022, 175, 106222.	4.0	11
111	Exploring N-Acylhydrazone Derivatives Against Clinical Resistant Bacterial Strains. <i>Current Microbiology</i> , 2014, 69, 357-364.	2.2	10
112	Role of the Undergraduate Student Research Assistant in the New Millennium. <i>CBE: Life Sciences Education</i> , 2004, 3, 235-240.	0.7	9
113	Molecular docking of a series of peptidomimetics in the trypanothione binding site of <i>T. cruzi</i> Trypanothione Reductase. <i>Journal of Molecular Graphics and Modelling</i> , 2009, 28, 330-335.	2.4	9
114	Preparation and Evaluation of a New Nano Pharmaceutical Excipients and drug Delivery System Based in Polyvinylpyrrolidone and Silicates. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2011, 14, 17.	2.1	9
115	Oxoquinoline Derivatives: Identification and Structure-Activity Relationship (SAR) Analysis of New Anti-HSV-1 Agents. <i>Current Microbiology</i> , 2011, 62, 1349-1354.	2.2	9
116	Tuberculosis: Finding a New Potential Antimycobacterium Derivative in a Aldehyde-Arylhydrazone-Oxoquinoline Series. <i>Current Microbiology</i> , 2012, 65, 455-460.	2.2	9
117	Application of 4D-QSAR Studies to a Series of Raloxifene Analogs and Design of Potential Selective Estrogen Receptor Modulators. <i>Molecules</i> , 2012, 17, 7415-7439.	3.8	9
118	Comparative evaluation of immunological and structural similarities of snake venom C-type lectin proteins. <i>Toxicon</i> , 2003, 41, 525-528.	1.6	8
119	Influence of the Efavirenz Micronization on Tableting and Dissolution. <i>Pharmaceutics</i> , 2012, 4, 430-441.	4.5	8
120	Computational strategy for visualizing structures and teaching biochemistry. <i>Biochemistry and Molecular Biology Education</i> , 2019, 47, 76-84.	1.2	8
121	Physical Education: Adaptations and Benefits for Deaf Students. <i>Creative Education</i> , 2019, 10, 714-725.	0.4	8
122	Plaquetas: ainda um alvo terapêutico. <i>Jornal Brasileiro De Patologia E Medicina Laboratorial</i> , 2006, 42, 321-332.	0.3	7
123	HIV-1 Reverse Transcriptase: a potential target for marine products. <i>Revista Brasileira De Farmacognosia</i> , 2012, 22, 881-888.	1.4	7
124	Computational Studies of Benzoxazinone Derivatives as Antiviral Agents against Herpes Virus Type 1 Protease. <i>Molecules</i> , 2015, 20, 10689-10704.	3.8	7
125	Efficient Synthesis and Antibacterial Profile of Bis(2-hydroxynaphthalene- 1,4-dione). <i>Current Topics in Medicinal Chemistry</i> , 2020, 20, 121-131.	2.1	7
126	The Isolation of a Novel <i>Streptomyces</i> sp. CJ13 from a Traditional Irish Folk Medicine Alkaline Grassland Soil that Inhibits Multiresistant Pathogens and Yeasts. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 173.	2.5	7

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127	Atividades terapêuticas do Óleo essencial de melaleuca (<i>melaleuca alternifolia</i>) Uma revisão de literatura. <i>Brazilian Journal of Health Review</i> , 2019, 2, 6011-6021.	0.1	7
128	Molecular modelling and dynamics simulations of single-wall carbon nanotube as a drug carrier: New insights into the drug-loading process. <i>Journal of Molecular Graphics and Modelling</i> , 2022, 113, 108145.	2.4	7
129	Just working with the cellular machine. <i>Biochemistry and Molecular Biology Education</i> , 2008, 36, 120-124.	1.2	6
130	Brown Seaweed Defensive Chemicals: A Structure-activity Relationship Approach for the Marine Environment. <i>Natural Product Communications</i> , 2009, 4, 1934578X0900400.	0.5	6
131	Residue-Ligand Interaction Energy (ReLIE) on a Receptor-Dependent 3D-QSAR Analysis of S- and NH-DABOs as Non-Nucleoside Reverse Transcriptase Inhibitors. <i>Molecules</i> , 2012, 17, 7666-7694.	3.8	6
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