

Carlos Rangel Rodrigues

List of Publications by Year in descending order

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140
papers

3,816
citations

126907

33
h-index

161849

54
g-index

143
all docs

143
docs citations

143
times ranked

5612
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	Snake venom thrombin-like enzymes: from reptilase to now. <i>Cellular and Molecular Life Sciences</i> , 2004, 61, 843-856.	5.4	159
5	Design, Synthesis, and Pharmacological Profile of Novel Fused Pyrazolo[4,3-d]pyridine and Pyrazolo[3,4-b][1,8]naphthyridine Isosteres: A New Class of Potent and Selective Acetylcholinesterase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 1144-1152.	6.4	101
6	A comprehensive review of chalcone derivatives as antileishmanial agents. <i>European Journal of Medicinal Chemistry</i> , 2018, 150, 920-929.	5.5	100
7	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
8	Structure–Activity Relationships of the Antimalarial Agent Artemisinin. 6. The Development of Predictive In Vitro Potency Models Using CoMFA and HQSAR Methodologies. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 292-303.	6.4	78
9	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
10	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
11	Intestinal absorption of insulin nanoparticles: Contribution of M cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 1139-1151.	3.3	73
12	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
13	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
14	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
15	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
16	In Vitro–In Vivo Correlation of Efavirenz Tablets Using GastroPlus®. <i>AAPS PharmSciTech</i> , 2013, 14, 1244-1254.	3.3	53
17	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
18	Design and Synthesis of Novel Potent Antinociceptive Agents: Methyl-imidazolyl N-Acylhydrazone Derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2000, 8, 2243-2248.	3.0	47

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19	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
20	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
21	Antimycobacterial and Anti-Inflammatory Activities of Substituted Chalcones Focusing on an Anti-Tuberculosis Dual Treatment Approach. <i>Molecules</i> , 2015, 20, 8072-8093.	3.8	44
22	Structural and Pharmacological Features of Phospholipases A2 from Snake Venoms. <i>Protein and Peptide Letters</i> , 2009, 16, 899-907.	0.9	43
23	Photoprotection assessment of olive (<i>Olea europaea</i> L.) leaves extract standardized to oleuropein: In vitro and in silico approach for improved sunscreens. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 193, 162-171.	3.8	43
24	A química medicinal de N-acilidrazonas: novos compostos-protótipos de fármacos analgésicos, anti-inflamatórios e anti-trombóticos. <i>Química Nova</i> , 2002, 25, 129-148.	0.3	42
25	Snake Venom: Any Clue for Antibiotics and CAM?. <i>Evidence-based Complementary and Alternative Medicine</i> , 2005, 2, 39-47.	1.2	42
26	Synthesis and pharmacological evaluation of novel heterotricyclic acylhydrazone derivatives, designed as PAF antagonists. <i>European Journal of Pharmaceutical Sciences</i> , 2000, 11, 285-290.	4.0	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	A possible molecular mechanism for the inhibition of cysteine proteases by salicylaldehyde N-acylhydrazones and related compounds. <i>Computational and Theoretical Chemistry</i> , 2000, 505, 11-17.	1.5	36
29	CoMFA and HQSAR of acylhydrazone cruzain inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 1537-1541.	2.2	36
30	Synthesis, antiviral activity and molecular modeling of oxoquinoline derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 5476-5481.	3.0	36
31	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
32	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
33	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
34	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
35	Looking at the proteases from a simple perspective. <i>Journal of Molecular Recognition</i> , 2011, 24, 165-181.	2.1	32
36	In vitro and in vivo analysis of the antithrombotic and toxicological profile of new antiplatelet N-acylhydrazone derivatives and development of nanosystems. <i>Thrombosis Research</i> , 2014, 134, 376-383.	1.7	31

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37	Probing insulin bioactivity in oral nanoparticles produced by ultrasonication-assisted emulsification/internal gelation. <i>International Journal of Nanomedicine</i> , 2015, 10, 5865.	6.7	31
38	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
39	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
40	<i>Trypanosoma cruzi</i> : Insights into naphthoquinone effects on growth and proteinase activity. <i>Experimental Parasitology</i> , 2011, 127, 160-166.	1.2	29
41	Molecular modeling of novel 1H-pyrazolo[3,4-b]pyridine derivatives designed as isosters of the antimalarial mefloquine. <i>Computational and Theoretical Chemistry</i> , 2002, 579, 31-39.	1.5	28
42	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
43	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
44	Development and Characterization of Dapsone Cocrystal Prepared by Scalable Production Methods. <i>AAPS PharmSciTech</i> , 2018, 19, 2687-2699.	3.3	27
45	Synthesis and mechanistic evaluation of novel N ^ε -benzylidene-carbohydrazide-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
46	A promising oral fucoidan-based antithrombotic nanosystem: development, activity and safety. <i>Nanotechnology</i> , 2018, 29, 165102.	2.6	25
47	Novel phthalimide derivatives, designed as leukotriene D4 receptor antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 1533-1535.	2.2	24
48	Structure-function inferences based on molecular modeling, sequence-based methods and biological data analysis of snake venom lectins. <i>Toxicon</i> , 2006, 48, 690-701.	1.6	23
49	Comparative Analysis of Viperidae Venoms Antibacterial Profile: a Short Communication for Proteomics. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011, 2011, 1-4.	1.2	23
50	4-(1H-Pyrazol-1-yl) Benzenesulfonamide Derivatives: Identifying New Active Antileishmanial Structures for Use against a Neglected Disease. <i>Molecules</i> , 2012, 17, 12961-12973.	3.8	23
51	Development and characterization of a new oral dapsone nanoemulsion system: permeability and in silico bioavailability studies. <i>International Journal of Nanomedicine</i> , 2012, 7, 5175.	6.7	22
52	Nanostructured systems containing babassu (<i>Orbignya speciosa</i>) oil as a potential alternative therapy for benign prostatic hyperplasia. <i>International Journal of Nanomedicine</i> , 2013, 8, 3129.	6.7	22
53	Molecular modeling for the investigation of UV absorbers for sunscreens: Triazine and benzotriazole derivatives. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 356, 219-229.	3.9	22
54	Identification of Nor- β -Lapachone Derivatives as Potential Antibacterial Compounds against <i>Enterococcus faecalis</i> Clinical Strain. <i>Current Microbiology</i> , 2011, 62, 684-689.	2.2	21

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55	Hologram QSAR Models of 4-[(Diethylamino)methyl]-phenol Inhibitors of Acetyl/Butyrylcholinesterase Enzymes as Potential Anti-Alzheimer Agents. <i>Molecules</i> , 2012, 17, 9529-9539.	3.8	21
56	Intestinal Uptake of Insulin Nanoparticles: Facts or Myths?. <i>Current Pharmaceutical Biotechnology</i> , 2014, 15, 629-638.	1.6	21
57	Preparation and evaluation of antimicrobial activity of nanosystems for the control of oral pathogens <i>Streptococcus mutans</i> and <i>Candida albicans</i> . <i>International Journal of Nanomedicine</i> , 2011, 6, 2581.	6.7	20
58	Synthesis and antileishmanial activity of new 1-aryl-1H-pyrazole-4-carboximidamides derivatives. <i>Journal of the Brazilian Chemical Society</i> , 2011, 22, 352-358.	0.6	20
59	Targeting CYP51 for drug design by the contributions of molecular modeling. <i>Fundamental and Clinical Pharmacology</i> , 2017, 31, 37-53.	1.9	19
60	Clofazimine functionalized polymeric nanoparticles for brain delivery in the tuberculosis treatment. <i>International Journal of Pharmaceutics</i> , 2021, 602, 120655.	5.2	19
61	Modelagem Molecular: Uma Ferramenta para o Planejamento Racional de Fármacos em Química Medicinal. <i>Química Nova</i> , 1997, 20, 300-310.	0.3	18
62	CURRENT STATUS OF SNAKE VENOM THROMBIN-LIKE ENZYMES. <i>Toxin Reviews</i> , 2006, 25, 291-318.	3.4	18
63	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
64	Synthesis and Antiplatelet Activity of Antithrombotic Thiourea Compounds: Biological and Structure-Activity Relationship Studies. <i>Molecules</i> , 2015, 20, 7174-7200.	3.8	18
65	Leishmania amazonensis Growth Inhibitors: Biological and Theoretical Features of Sulfonamide 4-Methoxychalcone Derivatives. <i>Current Microbiology</i> , 2009, 59, 374-379.	2.2	17
66	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
67	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
68	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
69	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
70	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
71	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
72	Identification, characterization and in silico ADMET prediction of Roflumilast degradation products. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 138, 126-133.	2.8	16

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73	Development and characterization of clay-polymer nanocomposite membranes containing sodium alendronate with osteogenic activity. <i>Applied Clay Science</i> , 2017, 146, 475-486.	5.2	16
74	Receptor-Dependent 4D-QSAR Analysis of Peptidomimetic 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
75	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
76	Aqueous Molecular Dynamics Simulations of the <i>M. tuberculosis</i> Enoyl-ACP Reductase-NADH System and Its Complex with a Substrate Mimic or Diphenyl Ethers Inhibitors. <i>International Journal of Molecular Sciences</i> , 2015, 16, 23695-23722.	4.1	15
77	Antiplatelet pyrazolopyridines derivatives: pharmacological, biochemical and toxicological characterization. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1591-1601.	5.2	15
78	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
79	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
80	Antimycobacterial and anti-inflammatory activities of thiourea derivatives focusing on treatment approaches for severe pulmonary tuberculosis. <i>Bioorganic and Medicinal Chemistry</i> , 2022, 53, 116506.	3.0	15
81	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
82	Development of a Doxazosin and Finasteride Transdermal System for Combination Therapy of Benign Prostatic Hyperplasia. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 4057-4064.	3.3	14
83	Preparation and evaluation of lidocaine hydrochloride in cyclodextrin inclusion complexes for development of stable gel in association with chlorhexidine gluconate for urogenital use. <i>International Journal of Nanomedicine</i> , 2011, 6, 1143.	6.7	13
84	Preparation and characterization of polymer/layered silicate pharmaceutical nanobiomaterials using high clay load exfoliation processes. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 4094-4101.	5.8	13
85	Exploring 1,2,3-triazole derivatives by using in vitro and in silico assays to target new antifungal agents and treat Candidiasis. <i>Medicinal Chemistry Research</i> , 2017, 26, 680-689.	2.4	13
86	Highly diastereoselective mercury-mediated synthesis of functionalized 2-azabicyclo[3.3.0]octane derivatives. <i>Tetrahedron Letters</i> , 2002, 43, 1607-1611.	1.4	12
87	Development and validation of a HPLC-LIV method for the determination in didanosine tablets. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 38, 751-756.	2.8	12
88	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
89	Design, synthesis, in vitro and in silico 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
90	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

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91	Chiral separation of $\hat{1}^3$ -butyrolactone derivatives by gas chromatography on 2,3-di-O-methyl-6-O-tert.-butyldimethylsilyl- $\hat{1}^2$ -cyclodextrin. <i>Journal of Chromatography A</i> , 2003, 985, 321-331.	3.7	11
92	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
93	Oligopeptidase B and B2: comparative modelling and virtual screening as searching tools for new antileishmanial compounds. <i>Parasitology</i> , 2017, 144, 536-545.	1.5	11
94	Molecular dynamic simulations of full-length human purinergic receptor subtype P2X7 bonded to potent inhibitors. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 152, 105454.	4.0	11
95	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
96	Titanium Dioxide- $\hat{1}^2$ -Montmorillonite Nanocomposite as Photoprotective Agent Against Ultraviolet B Radiation-Induced Mutagenesis in <i>Saccharomyces cerevisiae</i> : A Potential Candidate for Safer Sunscreens. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 2539-2545.	3.3	10
97	Exploring N-Acylhydrazone Derivatives Against Clinical Resistant Bacterial Strains. <i>Current Microbiology</i> , 2014, 69, 357-364.	2.2	10
98	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
99	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
100	Oxoquinoline Derivatives: Identification and Structure- $\hat{1}^2$ -Activity Relationship (SAR) Analysis of New Anti-HSV-1 Agents. <i>Current Microbiology</i> , 2011, 62, 1349-1354.	2.2	9
101	Tuberculosis: Finding a New Potential Antimycobacterium Derivative in a Aldehyde- $\hat{1}^2$ -Arylhydrazone- $\hat{1}^2$ -Oxoquinoline Series. <i>Current Microbiology</i> , 2012, 65, 455-460.	2.2	9
102	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
103	Asymmetric bioreduction of $\hat{1}^2$ -ketoesters derivatives by <i>Kluyveromyces marxianus</i> : influence of molecular structure on the conversion and enantiomeric excess. <i>Anais Da Academia Brasileira De Ciencias</i> , 2017, 89, 1403-1415.	0.8	9
104	Therapeutic Nanosystems for Oral Administration of Insulin. <i>Current Pharmaceutical Biotechnology</i> , 2014, 15, 620-628.	1.6	9
105	Preparation and Evaluation of Chitosan Submicroparticles Containing Pilocarpine for Glaucoma Therapy. <i>Current Drug Delivery</i> , 2015, 12, 491-503.	1.6	9
106	<i>Eugenia sulcata</i> (Myrtaceae) Nanoemulsion Enhances the Inhibitory Activity of the Essential Oil on P2X7R and Inflammatory Response In Vivo. <i>Pharmaceutics</i> , 2022, 14, 911.	4.5	9
107	A semiempirical study of pyrazole acylhydrazones as potential antimalarial agents. <i>International Journal of Quantum Chemistry</i> , 1996, 60, 1835-1843.	2.0	8
108	The Preparation and Evaluation of Sodium and Alkylammonium Montmorillonite and Polysaccharide Nanocomposites as Sustained Release Excipients. <i>Polymer-Plastics Technology and Engineering</i> , 2008, 47, 1256-1264.	1.9	8

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109	HIV-1 Reverse Transcriptase: a potential target for marine products. <i>Revista Brasileira De Farmacognosia</i> , 2012, 22, 881-888.	1.4	7
110	Computational Studies of Benzoxazinone Derivatives as Antiviral Agents against Herpes Virus Type 1 Protease. <i>Molecules</i> , 2015, 20, 10689-10704.	3.8	7
111	A synergistic nanoformulation of babassu and copaiba oils as natural alternative for prevention of benign prostatic hyperplasia. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 47, 167-175.	3.0	7
112	Forced degradation studies of norepinephrine and epinephrine from dental anesthetics: Development of stability-indicating HPLC method and in silico toxicity evaluation. <i>Biomedical Chromatography</i> , 2020, 34, e4832.	1.7	7
113	Antiviral Drug Discovery and Development for Mayaro Fever “What do we have so far?. Mini-Reviews in Medicinal Chemistry, 2020, 20, 921-928.	2.4	7
114	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
115	Just working with the cellular machine. <i>Biochemistry and Molecular Biology Education</i> , 2008, 36, 120-124.	1.2	6
116	Brown Seaweed Defensive Chemicals: A Structure-activity Relationship Approach for the Marine Environment. <i>Natural Product Communications</i> , 2009, 4, 1934578X0900400.	0.5	6
117	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
118	Molecular Modeling of a Phenylamide Class of NMDA Receptor Antagonists and the Rational Design of New Triazolamide Derivatives. <i>Chemical Biology and Drug Design</i> , 2013, 81, 185-197.	3.2	6
119	Novel isomannide-based peptide mimetics containing a tartaric acid backbone as serine protease inhibitors. <i>Medicinal Chemistry Research</i> , 2014, 23, 5305-5320.	2.4	6
120	Design, Synthesis and Evaluation of New Fluoroamodiaquine Analogues. <i>Chemical and Pharmaceutical Bulletin</i> , 2016, 64, 594-601.	1.3	6
121	Discovery of a new isomannide-based peptidomimetic synthesized by Ugi multicomponent reaction as human tissue kallikrein 1 inhibitor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 314-318.	2.2	6
122	Molecular modeling as a design tool for sunscreen candidates: a case study of bemotrizinol. <i>Journal of Molecular Modeling</i> , 2019, 25, 362.	1.8	6
123	Development of rivaroxaban microemulsion-based hydrogel for transdermal treatment and prevention of venous thromboembolism. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 206, 111978.	5.0	6
124	Chiral Gas Chromatographic Separation of 2-Oxabicyclo[3.3.0]octane Derivatives and Their Synthetic Precursors. <i>Analytical Chemistry</i> , 2000, 72, 3056-3062.	6.5	5
125	Hologram quantitative structure–activity relationship and comparative molecular field analysis studies within a series of tricyclic phthalimide HIV-1 integrase inhibitors. <i>Drug Design, Development and Therapy</i> , 2013, 7, 953.	4.3	5
126	Molecular modeling study of a series of amodiaquine analogues with antimalarial activity. <i>Medicinal Chemistry Research</i> , 2015, 24, 3529-3536.	2.4	5

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127	Synthesis, In Vitro and In Silico Studies of Indolequinone Derivatives against Clinically Relevant Bacterial Pathogens. <i>Current Topics in Medicinal Chemistry</i> , 2020, 20, 192-208.	2.1	5
128	Molecular modeling and dynamic simulations of agglutinin-like family members from <i>Candida albicans</i> : New insights into potential targets for the treatment of candidiasis. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 4352-4365.	3.5	4
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