Paulo Roberto Ribeiro Costa

List of Publications by Year
in descending order

162 papers	2,343 citations	236612 25 h-index	344852 36 g-index
189 all docs	189 docs citations	189 times ranked	2349 citing authors

#	Article	IF	Citations
1	Identification and characterization of coumestans as novel HCV NS5B polymerase inhibitors. Nucleic Acids Research, 2008, 36, 1482-1496.	6.5	96
2	Synthesis and preliminary pharmacological evaluation of new (Â±) 1,4-naphthoquinones structurally related to lapachol. Bioorganic and Medicinal Chemistry, 2002, 10, 2731-2738.	1.4	76
3	Synthesis and preliminary pharmacological evaluation of coumestans with different patterns of oxygenation. Bioorganic and Medicinal Chemistry Letters, 2001, 11, 283-286.	1.0	68
4	LQB-118, an orally active pterocarpanquinone, induces selective oxidative stress and apoptosis in Leishmania amazonensis. Journal of Antimicrobial Chemotherapy, 2013, 68, 789-799.	1.3	57
5	Syn-Selective Michael Addition of Nitromethane Derivatives to Enoates Derived from (R)-(+)-Glyceraldehyde Acetonide. Journal of Organic Chemistry, 1997, 62, 4002-4006.	1.7	49
6	Palladium-Catalyzed Tandem Heck-Lactonization fromo-Iodophenols and Enoates: Synthesis of Coumarins and the Study of the Mechanism by Electrospray Ionization Mass Spectrometry. Journal of Organic Chemistry, 2010, 75, 7085-7091.	1.7	48
7	Structureâ€“activity relationship of wedelolactone analogues: Structural requirements for inhibition of Na+,K+-ATPase and binding to the central benzodiazepine receptor. Bioorganic and Medicinal Chemistry, 2006, 14, 7962-7966.	1.4	47
8	Comparison of the cytotoxic effect of lapachol, Î±-lapachone and pentacyclic 1,4-naphthoquinones on human leukemic cells. Investigational New Drugs, 2010, 28, 139-144.	1.2	47
9	Antitumoral, antileishmanial and antimalarial activity of pentacyclic 1,4-naphthoquinone derivatives. Journal of the Brazilian Chemical Society, 2009, 20, 176-182.	0.6	46
10	Efficient synthesis of cytotoxic quinones: 2â€Acetylâ€4H,9Hâ€naphtho[2,3â€b]furanâ€4,9â€dione (6) and (Â±)â€2â€(1â€hydroxyethyl)â€4H,9Hâ€naphtho[2,3â€b]furanâ€4,9â€dione (7). Journal of Heterocyclic Chemistry, 1984, 21, 621-622.	1.4	45
11	Synthesis and pharmacological evaluation of prenylated and benzylated pterocarpans against snake venom. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 431-435.	1.0	42
12	Pterocarpanquinones, aza-pterocarpanquinone and derivatives: Synthesis, antineoplasic activity on human malignant cell lines and antileishmanial activity on Leishmania amazonensis. Bioorganic and Medicinal Chemistry, 2011, 19, 6885-6891.	1.4	42
13	New pterocarpanquinones: Synthesis, antineoplasic activity on cultured human malignant cell lines and TNF-Î± modulation in human PBMC cells. Bioorganic and Medicinal Chemistry, 2010, 18, 1610-1616.	1.4	41
14	Interaction between bioactive compound 11a-N-tosyl-5-deoxi-pterocarpan (LQB-223) and Calf thymus DNA: Spectroscopic approach, electrophoresis and theoretical studies. International Journal of Biological Macromolecules, 2017, 96, 223-233.	3.6	36
15	Effectiveness of the local or oral delivery of the novel naphthopterocarpanquinone LQB-118 against cutaneous leishmaniasis. Journal of Antimicrobial Chemotherapy, 2011, 66, 1555-1559.	1.3	35
16	Asymmetric Michael addition of chiral imines to phenylvinylsulfone: Preparation of key chiral building blocks for the synthesis of Aspidosperma and Hunteria alkaloids.. Tetrahedron: Asymmetry, 1991, 2, 199-202.	1.8	31
17	Safrol e eugenol: estudo da reatividade quÃmica e uso em sÃntese de produtos naturais biologicamente ativos e seus derivados. Quimica Nova, 2000, 23, 357-369.	0.3	31
18	LQB-118, a pterocarpanquinone structurally related to lapachol [2-hydroxy-3-(3-methyl-2-butenyl)-1,4-naphthoquinone]: a novel class of agent with high apoptotic effect in chronic myeloid leukemia cells. Investigational New Drugs, 2011, 29, 1143-1155.	1.2	31

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19	Î±-Phenyl-N-tert-butyl nitrone (PBN) derivatives: Synthesis and protective action against microvascular damages induced by ischemia/reperfusion. Bioorganic and Medicinal Chemistry, 2007, 15, 3572-3578.	1.4	30
20	Diastereoselective Michael Addition of Nitromethane to Enoates Derived From (R)-Glyceraldehyde Acetonide. Synthesis, 1994, 1994, 474-476.	1.2	29
21	(Â±)-3,4-Dihydroxy-8,9-methylenedioxypterocarpan and derivatives: Cytotoxic effect on human leukemia cell lines. European Journal of Medicinal Chemistry, 2009, 44, 920-925.	2.6	29
22	Switching Diastereoselectivity in Catalytic Enantioselective (3+2) Cycloadditions of Azomethine Ylides Promoted by Metal Salts and Privileged Segphos-Derived Ligands. Journal of Organic Chemistry, 2019, 84, 10593-10605.	1.7	29
23	Binap-silver salts as chiral catalysts for the enantioselective 1,3-dipolar cycloaddition of azomethine ylides and alkenes. Tetrahedron: Asymmetry, 2012, 23, 1596-1606.	1.8	28
24	Expeditious, stereocontrolled syntheses of racemic and natural brasilenol through intramolecular asymmetry transfer. Absolute stereochemistry of brasilenol. Journal of Organic Chemistry, 1987, 52, 1169-1170.	1.7	25
25	Ability of a synthetic coumestan to antagonize Bothrops snake venom activities. Toxicon, 2010, 55, 488-496.	0.8	25
26	Asymmetric Friedel-Crafts reaction mediated by new chiral auxiliaries derived from (1S)-(â^')-Î²-pinene: Enantioselective synthesis of (â^')-8-Norethyl, 1â€²-normethyl Etodolac. Tetrahedron Letters, 1997, 38, 7021-7024.	0.7	23
27	Selective conjugate addition of nitromethane to enoates derived from d-mannitol and l-tartaric acid. Tetrahedron: Asymmetry, 2002, 13, 1025-1031.	1.8	23
28	New carbohydrate-based chiral auxiliaries in Dielsâ€“Alder reaction. Tetrahedron: Asymmetry, 1998, 9, 2671-2680.	1.8	22
29	2-Methoxy-3,8,9-trihydroxy coumestan: a new synthetic inhibitor of Na+,K+-ATPase with an original mechanism of action. Biochemical Pharmacology, 2003, 66, 2169-2176.	2.0	22
30	Evaluation of Coumarin and Neoflavone Derivatives as <scp>HCV NS</scp>5<scp>B</scp> Polymerase Inhibitors. Chemical Biology and Drug Design, 2013, 81, 607-614.	1.5	22
31	Preclinical Studies Evaluating Subacute Toxicity and Therapeutic Efficacy of LQB-118 in Experimental Visceral Leishmaniasis. Antimicrobial Agents and Chemotherapy, 2016, 60, 3794-3801.	1.4	22
32	Bifunctional primary amine 2-aminobenzimidazole organocatalyst anchored to trans-cyclohexane-1,2-diamine in enantioselective conjugate additions of aldehydes. Tetrahedron: Asymmetry, 2016, 27, 118-122.	1.8	22
33	Synthesis of Î²-amino arylketones through the addition of ArLi derivatives to Î²-aminoesters. Tetrahedron Letters, 2001, 42, 3525-3527.	0.7	21
34	A new type of pterocarpanquinone that affects Toxoplasma gondii tachyzoites in vitro. Veterinary Parasitology, 2012, 186, 261-269.	0.7	21
35	Antileishmanial Activity of Ezetimibe: Inhibition of Sterol Biosynthesis, In Vitro Synergy with Azoles, and Efficacy in Experimental Cutaneous Leishmaniasis. Antimicrobial Agents and Chemotherapy, 2016, 60, 6844-6852.	1.4	21
36	A Convenient Synthesis of (Â±)-4-Prenylpterocarpin. Synthesis, 1992, 1992, 914-916.	1.2	20

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37	Palladium-catalyzed oxyarylation of olefins using silver carbonate as the base. Probing the mechanism by electrospray ionization mass spectrometry. Journal of Organometallic Chemistry, 2010, 695, 2062-2067.	0.8	20
38	N-tert-Butanesulfinyl imines in the asymmetric synthesis of nitrogen-containing heterocycles. Beilstein Journal of Organic Chemistry, 2021, 17, 1096-1140.	1.3	20
39	Pterocarpanquinone LQB-118 Induces Apoptosis in Leishmania (Viannia) braziliensis and Controls Lesions in Infected Hamsters. PLoS ONE, 2014, 9, e109672.	1.1	20
40	Trans-2-Arylcyclohexanols: Use as auxiliaries in the mukaiyama aldol-type condensation between silyl enol esters and aldehydes. Tetrahedron Letters, 1992, 33, 4921-4922.	0.7	19
41	Formal synthesis of (â^')-Vallesamidine A 2,2,3-trialkylindoline alkaloid. Tetrahedron: Asymmetry, 1993, 4, 1499-1500.	1.8	19
42	Iodination of phenols in water using easy to handle amine-iodine complexes. Journal of the Brazilian Chemical Society, 2009, 20, 1916-1920.	0.6	19
43	Asymmetric Transfer Hydrogenation of Arylidene-Substituted Chromanones and Tetralones Catalyzed by Noyoriâ€"Ikariya Ru(II) Complexes: One-Pot Reduction of Câ•C and Câ•O bonds. Journal of Organic Chemistry, 2021, 86, 4849-4858.	1.7	19
44	N-tert-Butyl and N-methyl nitrones derived from aromatic aldehydes inhibit macromolecular permeability increase induced by ischemia/reperfusion in hamsters. Bioorganic and Medicinal Chemistry, 2009, 17, 3995-3998.	1.4	18
45	Synthesis of Dimethoxyfuranonaftoquinones. Synthetic Communications, 1988, 18, 1731-1742.	1.1	17
46	Total synthesis of pterocarpan: (Â±)-neorautenane. Journal of the Chemical Society Perkin Transactions 1, 1995, , 949-951.	0.9	17
47	Synthesis and structural determination of new chiral auxiliaries derived from (â^')-Î²-pinene. Tetrahedron: Asymmetry, 1997, 8, 579-583.	1.8	17
48	A tandem palladium-catalyzed Heck-lactonization through the reaction of ortho-iodophenols with Î²-substituted acrylates: synthesis of 4,6-substituted coumarins. Tetrahedron Letters, 2008, 49, 3322-3325.	0.7	17
49	Synthesis of Chromen[4,3â€b]pyrrolidines by Intramolecular 1,3â€Dipolar Cycloadditions of Azomethine Ylides: An Experimental and Computational Assessment of the Origin of Stereocontrol. European Journal of Organic Chemistry, 2015, 2015, 4689-4698.	1.2	17
50	Enantioselective Synthesis, DFT Calculations, and Preliminary Antineoplastic Activity of Dibenzo 1-Azaspiro[4.5]decanes on Drug-Resistant Leukemias. Journal of Organic Chemistry, 2019, 84, 2219-2233.	1.7	17
51	Theoretical and Experimental Studies of New Modified Isoflavonoids as Potential Inhibitors of Topoisomerase I from Plasmodium falciparum. PLoS ONE, 2014, 9, e91191.	1.1	17
52	New chiral auxiliaries derived from Î² -pinene: Their use in the asymmetric reduction of Î²-keto-esters. Tetrahedron: Asymmetry, 1991, 2, 353-356.	1.8	16
53	Enantioselective synthesis of (R)-(+)-Î²-piperonyl-Î³-butyrolactone. Tetrahedron: Asymmetry, 1994, 5, 1219-1220.	1.8	16
54	Stereocontrolled elaboration of quaternary carbon centers involving the asymmetric michael-type alkylation of chiral imines: an efficient enantioselective access to (+)-vincamine. Tetrahedron: Asymmetry, 1997, 8, 1963-1966.	1.8	16

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55	DBU as a catalyst for the synthesis of amides via aminolysis of methyl esters. Journal of the Brazilian Chemical Society, 2011, 22, 2186-2190.	0.6	16
56	The pterocarpanquinone LQB 118 induces apoptosis in tumor cells through the intrinsic pathway and the endoplasmic reticulum stress pathway. Anti-Cancer Drugs, 2013, 24, 73-83.	0.7	16
57	Asymmetric hydrogenation and transfer hydrogenation in the enantioselective synthesis of flavonoids. Organic Chemistry Frontiers, 2022, 9, 1165-1194.	2.3	16
58	Synthesis of chiral pyrrolidine and pyrrole derivatives through the chemoselective Dieckmann reaction of Î±,Î²-aminodiesters. Tetrahedron: Asymmetry, 2000, 11, 4239-4243.	1.8	15
59	A practical and efficient preparation of (â^')-(4aS,5R)-4,4a,5,6,7,8-hexahydro-4a,5-dimethyl-2(3H)-naphthalenone: a key intermediate in the synthesis of (â^')-dehydrofukinone. Tetrahedron: Asymmetry, 2001, 12, 579-584.	1.8	15
60	Characterization of a new synthetic isoflavonoid with inverse agonist activity at the central benzodiazepine receptor. European Journal of Pharmacology, 2004, 495, 87-96.	1.7	15
61	Stereoselective preparation of pyrrolidin-2-ones from a Z-enoate derived from d-(+)-mannitol. Tetrahedron: Asymmetry, 2004, 15, 2313-2314.	1.8	15
62	The pterocarpanquinone LQB-118 inhibits tumor cell proliferation by downregulation of c-Myc and cyclins D1 and B1 mRNA and upregulation of p21 cell cycle inhibitor expression. Bioorganic and Medicinal Chemistry, 2014, 22, 3115-3122.	1.4	15
63	Synthesis and biological evaluation of Î±-aryl-Î±-tetralone derivatives as hepatitis C virus inhibitors. European Journal of Medicinal Chemistry, 2015, 93, 51-54.	2.6	15
64	Carbohydrates and Terpenes as Chiral Auxiliaries: the Stereoselective Synthesis of (+) or (-)-Î²-Piperonyl-Î³-Butirolactone. Journal of the Brazilian Chemical Society, 1996, 7, 67-73.	0.6	15
65	Asymmetric Friedel - Crafts Reaction: An Application to the Synthesis of an Etodolac Analogue. Synthetic Communications, 1996, 26, 3671-3676.	1.1	14
66	The regio- and stereoselective oxyamination of pinenes and camphene. Tetrahedron: Asymmetry, 2000, 11, 3845-3848.	1.8	14
67	Synthesis of 5-deoxypterocarpens, pterocarpens, and coumestans by intramolecular Heck reaction. Tetrahedron Letters, 2009, 50, 3753-3755.	0.7	14
68	Selective synthesis of brasilenol, a novel sesquiterpene from the sea hare Aplysia brasiliana and the red alga Laurencia obtusa. Journal of Organic Chemistry, 1986, 51, 4250-4253.	1.7	13
69	Regioselective Lithiation of Resorcinol Derivatives: Synthesis of Mono O-MOM- and O-Benzylresorcinols Prenylated at C-2 or C-4 Positions. Synthesis, 1999, 1999, 1017-1021.	1.2	13
70	4-Chromenesulphones: synthesis and transformation to isoflavonoid models. Tetrahedron Letters, 2002, 43, 6893-6895.	0.7	13
71	Microwaveâ€Promoted Palladiumâ€Catalysed Oxyarylation of Dihydronaphthalene and Chromenes by oâ€Iodophenols and Its Acetates. European Journal of Organic Chemistry, 2011, 2011, 3313-3316.	1.2	13
72	Lapachol and synthetic derivatives: in vitro and in vivo activities against Bothrops snake venoms. PLoS ONE, 2019, 14, e0211229.	1.1	13

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73	The Therapeutical Potential of a Novel Pterocarpanquinone LQB-118 to Target Inhibitor of Apoptosis Proteins in Acute Myeloid Leukemia Cells. Anti-Cancer Agents in Medicinal Chemistry, 2013, 13, 341-351.	0.9	13
74	Enantioselective synthesis of substituted octalones. Tetrahedron: Asymmetry, 1994, 5, 1433-1434.	1.8	12
75	The first synthesis of (±)-3,4-dihydroxy-8,9-methylenedioxypterocarpan, an antitumoral agent and its coumestan derivative. Journal of the Brazilian Chemical Society, 2004, 15, 979-981.	0.6	12
76	Syn or anti Selective Michael addition of allyl phenyl sulphone and phenyl prenyl sulphone to enoates derived from D-mannitol. Tetrahedron Letters, 1998, 39, 5305-5308.	0.7	11
77	Formal enantioselective synthesis of (+)-vincamine. The first enantioselective route to (+)-3,14-epivincamine and its enantiomer. Tetrahedron: Asymmetry, 1999, 10, 297-306.	1.8	11
78	11a-N-Tosyl-5-deoxi-pterocarpan (LQB-223), a promising prototype for targeting MDR leukemia cell lines. European Journal of Medicinal Chemistry, 2014, 78, 190-197.	2.6	11
79	The pterocarpanquinone LQB-118 induces apoptosis in acute myeloid leukemia cells of distinct molecular subtypes and targets FoxO3a and FoxM1 transcription factors. International Journal of Oncology, 2014, 45, 1949-1958.	1.4	11
80	Ligand-Free Palladium-Catalyzed Oxyarylation of DihydronaphthalÂenes and Chromenequinone with o-Iodophenols and 3-Iodolawsone in PEG-400: An Efficient Synthesis of 5-Carbapterocarpans and Pterocarpanquinones. Synthesis, 2015, 47, 3505-3512.	1.2	11
81	Synthesis of N-methylarylnitrones derived from alkyloxybenzaldehydes and antineoplastic effect on human cancer cell lines. Bioorganic and Medicinal Chemistry, 2015, 23, 2053-2061.	1.4	11
82	2,3:4,5-DI-O-Isopropylidene-Î²-d-Fructopyranose as Chiral Auxiliary in Asymmetric Î±-Alkylation Of Ester Enolates. Journal of Carbohydrate Chemistry, 1996, 15, 691-699.	0.4	10
83	Insights into the mechanism of Na+,K+-ATPase inhibition by 2-methoxy-3,8,9-trihydroxy coumestan. Bioorganic and Medicinal Chemistry, 2008, 16, 8801-8805.	1.4	10
84	Further evidence that naphthoquinone inhibits Toxoplasma gondii growth in vitro. Parasitology International, 2015, 64, 622-631.	0.6	10
85	Non-competitive inhibitor of nucleoside hydrolase from Leishmania donovani identified by fragment-based drug discovery. RSC Advances, 2016, 6, 87738-87744.	1.7	10
86	Eugenol and safrole as starting materials for the synthesis of 3-alkyl muconic acid mono and dimethyl esters and 4,4-dialkyl butenolides. Tetrahedron Letters, 1985, 26, 4155-4158.	0.7	9
87	The 1,4-addition of organometallic reagents to enoates derived from pinanediol. Tetrahedron: Asymmetry, 2002, 13, 2513-2517.	1.8	9
88	Synergistic interaction between ouabain and 8-methoxy-3,9-dihydroxy coumestan, a non-steroidal synthetic inhibitor of Na+,K+-ATPase. Life Sciences, 2007, 81, 1199-1204.	2.0	9
89	Synthesis of 5â€Carbapterocarpens by Î±â€Arylation of Tetralones Followed by Oneâ€Pot Demethylation/Cyclization with BBr₃. European Journal of Organic Chemistry, 2014, 2014, 1314-1320.	1.2	9
90	The orally active pterocarpanquinone LQBâ€118 exhibits cytotoxicity in prostate cancer cell and tumor models through cellular redox stress. Prostate, 2018, 78, 140-151.	1.2	9

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91	11a-N-tosyl-5-carbapterocarpans: Synthesis, antineoplastic evaluation and in silico prediction of ADMETox properties. Bioorganic Chemistry, 2018, 80, 585-590.	2.0	9
92	Enantioselective electrophilic fluorination of Î±-aryl-tetralones using a preparation of N-fluoroammonium salts of cinchonine. Journal of Fluorine Chemistry, 2019, 217, 72-79.	0.9	9
93	Monocyclic Nitro-heteroaryl Nitrones with Dual Mechanism of Activation: Synthesis and Antileishmanial Activity. ACS Medicinal Chemistry Letters, 2021, 12, 1405-1412.	1.3	9
94	Vanillin (1) As Starting Material for the Synthesis of Isomeric Phthalides. Synthetic Communications, 1988, 18, 1723-1730.	1.1	8
95	Orthobromodiphenylmethane Derivatives as Starting Materials for the Total Synthesis of Anthraquinones. Synthetic Communications, 1996, 26, 4507-4518.	1.1	8
96	CrudeDâ€(+)â€Glyceraldehyde Obtained fromDâ€Mannitolâ€Diacetonide by Oxidative Cleavage with Sodium Periodate: Its Reactions with Nucleophilic Species. Synthetic Communications, 2004, 34, 589-598.	1.1	8
97	BINAP-AgSbF6 vs. BINAP-AgClO4 Complexes as Catalysts for the Enantioselective 1,3-Dipolar Cycloaddition of Azomethine Ylides and Alkenes. Synlett, 2010, 2010, 962-966.	1.0	8
98	5-Carba-pterocarpens: A new scaffold with anti-HCV activity. European Journal of Medicinal Chemistry, 2016, 112, 33-38.	2.6	8
99	Palladium-Catalyzed Oxyarylation, Azaarylation and α-Arylation Reactions in the Synthesis of Bioactive Isoflavonoid Analogues. Current Organic Synthesis, 2015, 12, 772-794.	0.7	8
100	SubstÃ¢ncias enantiomericamente puras (SEP): a questÃ£o dos fÃ¡rmacos quirais. Quimica Nova, 1997, 20, 647-656.	0.3	7
101	The Use of Chiral Auxiliaries Prepared from (-)-Î²-Pinene in Stereoselective Reduction of Î²-Ketobutyrates. Synthetic Communications, 2000, 30, 455-468.	1.1	7
102	Stereoselective synthesis and preliminary evaluation of new d-3-heteroarylcarbonylalanines as ligands of the NMDA receptor. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 4399-4403.	1.0	7
103	Stereoselective Conjugate Addition of Benzyl Phenylsulfonyl Carbanions to Enoates Derived fromd-Mannitol. Journal of Organic Chemistry, 2004, 69, 4013-4018.	1.7	7
104	In vitro and in vivo antineoplastic and immunological effects of pterocarpanquinone LQB-118. Investigational New Drugs, 2016, 34, 541-551.	1.2	7
105	Anti-inflammatory properties of pterocarpanquinone LQB-118 in mice. Bioorganic and Medicinal Chemistry, 2016, 24, 4415-4423.	1.4	7
106	NFκB Pathway and microRNA-9 and -21 are Involved in Sensitivity to the Pterocarpanquinone LQB-118 in Different CML Cell Lines. Anti-Cancer Agents in Medicinal Chemistry, 2015, 15, 345-352.	0.9	7
107	Regioselective lithiations of a pterocarpan skeleton: the first synthesis of (Â±)-4â€²-dehydroxycabenegrin A-I. Tetrahedron Letters, 2001, 42, 4111-4113.	0.7	6
108	Stereoselective Mannich reaction of camphor titanium enolate. Tetrahedron: Asymmetry, 2002, 13, 1157-1159.	1.8	6

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109	Reactive Oxygen Species Release, Alkylating Ability, and DNA Interactions of a Pterocarpanquinone: A Test Case for Electrochemistry. ChemElectroChem, 2016, 3, 2252-2263.	1.7	6
110	Second-generation pterocarpanquinones: synthesis and antileishmanial activity. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2018, 24, 35.	0.8	6
111	Synthesis of new Î±-Aryl-Î±-tetralones and Î±-Fluoro-Î±-aryl-Î±-tetralones, preliminary antiproliferative evaluation on drug resistant cell lines and in silico prediction of ADMETox properties. Bioorganic Chemistry, 2021, 110, 104790.	2.0	6
112	Synthesis of new chiral auxiliares from carbohydrates for Et2AlCl-promoted Diels-Alder reactions. Journal of the Brazilian Chemical Society, 2000, 11, 266-273.	0.6	5
113	Synthesis of Coumarins and Neoflavones through Zinc Chloride Catalyzed Hydroarylation of Acetylenic Esters with Phenols. Synthesis, 2011, 2011, 3692-3696.	1.2	5
114	Copper- versus palladium-catalyzed aromatization of 2-(methoxycarbonyl) tetralones: synthesis of methyl 1-hydroxy-2-naphthoates. Tetrahedron, 2016, 72, 1897-1902.	1.0	5
115	Theoretical studies and NMR assay of coumarins and neoflavanones derivatives as potential inhibitors of acetylcholinesterase. Computational Biology and Chemistry, 2020, 87, 107293.	1.1	5
116	Solvent effects in the reaction of safrole with bromine.. Tetrahedron Letters, 1975, 16, 4535-4538.	0.7	4
117	A Convenient Method for the Preparation of 6,7-Methyl-Enedioxy-3-Alkyl-2-Hydroxy-1,4-Naphthoquinones from Natural Safrole and Carboxylic Acids. Synthetic Communications, 1983, 13, 691-699.	1.1	4
118	Piperonal as Starting Material for the Regiospecific and Stereoselective Synthesis of<u>E</u>and<u>Z</u>Isomers of 3-Methyl-2-hexenedioic acid-1-methyl ester. Synthetic Communications, 1991, 21, 703-712.	1.1	4
119	The aldol addition reaction between Î³-oxygenated carboxylic esters derived from 2,6-dimethylphenol and piperonal. Tetrahedron Letters, 1994, 35, 1325-1328.	0.7	4
120	First stereoselective synthesis and assignment of the absolute configuration of the nebracetam eutomer and derivatives. Tetrahedron: Asymmetry, 2008, 19, 1161-1165.	1.8	4
121	Synthesis of 11a-N-Arylsulfonyl-5-carbapterocarpans (Tetrahydro-5H-benzo[a]carbazoles) by Azaarylation of Dihydronaphthalenes with o-Iodo-N-(Arylsulfonyl)anilines in Poly(ethylene glycol). Synthesis, 2015, 47, 3013-3019.	1.2	4
122	11a-N-Tosyl-5-deoxi-pterocarpan, LQB-223, a novel compound with potent antineoplastic activity toward breast cancer cells with different phenotypes. Journal of Cancer Research and Clinical Oncology, 2016, 142, 2119-2130.	1.2	4
123	The syn-selective conjugate addition of amines to enoates derived from d-mannitol. Tetrahedron: Asymmetry, 2016, 27, 773-776.	1.8	4
124	Preparative chiral separation and absolute configuration of the synthetic pterocarpanquinone LQBâ€118. Chirality, 2017, 29, 167-171.	1.3	4
125	The pterocarpanquinone LQBâ€'118 compound induces apoptosis of cytarabineâ€'resistant acute myeloid leukemia cells. International Journal of Oncology, 2021, 58, .	1.4	4
126	Enantioselective Synthesis of Isoflavanones and Pterocarpans through a Ru^{II}â€Catalyzed ATHâ€ĐKR of Isoflavones. ChemCatChem, 2021, 13, 5097-5108.	1.8	4

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127	On the asymmetric induction involving lithium enolates of 1-menthylpropionate. Tetrahedron: Asymmetry, 1994, 5, 1873-1874.	1.8	3
128	The reaction of safrole derivatives with aluminum chloride: improved procedures for the preparation of catechols or their mono-O-Methylated Derivatives and a mechanistic interpretation. Journal of the Brazilian Chemical Society, 2001, 12, 346-353.	0.6	3
129	Inhibition of the Î±1Î²1 Isoform of the Na, K-ATPase by 8-methoxycoumestrol Without Positive Inotropic Effect in Human Myocardium-Novel Aspects of Cardiac Glycoside Pharmacology. Journal of Cardiovascular Pharmacology, 2009, 54, 10-15.	0.8	3
130	Solvent-Free Synthesis of Salen Ligands and Pd(II)â€“ and Cu(II)â€“Salen Complexes: Their Use in the Oxidation of Î±-Tetralones to Î±-Naphthols. Synthesis, 2017, 49, 3998-4006.	1.2	3
131	Synthesis of pterocarpans through palladium-catalyzed oxyarylation of alkoxy-2H-chromenes with o-iodophenols. Tetrahedron, 2020, 76, 131638.	1.0	3
132	New 5-carba-pterocarpans: Synthesis and preliminary antiproliferative activity on a panel of human cancer cells. Bioorganic Chemistry, 2021, 107, 104584.	2.0	3
133	LQBâ€‘118 compound inhibits migration and induces cell death in glioblastoma cells. Oncology Reports, 2020, 43, 346-357.	1.2	3
134	Synthesis of 6, 7-Methylenedioxylapachol. Synthetic Communications, 1991, 21, 713-719.	1.1	2
135	Variable Chemo-selective Electrophilic Attack on Silylated Aromatic Aldehydes. Synlett, 1996, 1996, 783-784.	1.0	2
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