Teodoro S Kaufman

List of Publications by Year
in descending order

165	3,512	147726	197736
papers	citations	31 h-index	49 g-index

192	192	192	3984
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Quest for Quinine: Those Who Won the Battles and Those Who Won the War. Angewandte Chemie - International Edition, 2005, 44, 854-885.	7.2	185
2	Monitoring of fatty acid composition in virgin olive oil by Fourier transformed infrared spectroscopy coupled with partial least squares. Food Chemistry, 2009, 114, 1549-1554.	4.2	146
3	A novel chemometric strategy for the estimation of extra virgin olive oil adulteration with edible oils. Food Control, 2010, 21, 890-895.	2.8	126
4	Synthesis of Oxacycles Employing the Oxaâ€Pictetâ€“Spengler Reaction: Recent Developments and New Prospects. European Journal of Organic Chemistry, 2011, 2011, 5195-5231.	1.2	95
5	Aaptamine and related products. Their isolation, chemical syntheses, and biological activity. Tetrahedron, 2009, 65, 4257-4282.	1.0	88
6	Synthetic pathways to salsolidine. Tetrahedron: Asymmetry, 2004, 15, 1203-1237.	1.8	87
7	Angular tricyclic benzofurans and related natural products of fungal origin. Isolation, biological activity and synthesis. Natural Product Reports, 2013, 30, 941.	5.2	78
8	The intermolecular Pictet-Spengler condensation with chiral carbonyl derivatives in the stereoselective syntheses of optically-active isoquinoline and indole alkaloids. Arkivoc, 2006, 2005, 98-153.	0.3	71
9	Chemometric determination of amiloride hydrochloride, atenolol, hydrochlorothiazide and timolol maleate in synthetic mixtures and pharmaceutical formulations. Journal of Pharmaceutical and Biomedical Analysis, 2004, 34, 305-314.	1.4	68
10	Pharmaceutical impurities and degradation products: Uses and applications of NMR techniques. Journal of Pharmaceutical and Biomedical Analysis, 2014, 101, 102-122.	1.4	68
11	Synthesis and preliminary evaluation of 3-thiocyanato-1H-indoles as potential anticancer agents. European Journal of Medicinal Chemistry, 2016, 118, 21-26.	2.6	61
12	A spectrophotometric-partial least squares (PLS-1) method for the simultaneous determination of furosemide and amiloride hydrochloride in pharmaceutical formulations. Journal of Pharmaceutical and Biomedical Analysis, 2001, 26, 443-451.	1.4	55
13	Neocryptolepine (Cryprotackieine), A Unique Bioactive Natural Product: Isolation, Synthesis, and Profile of Its Biological Activity. European Journal of Organic Chemistry, 2014, 2014, 7979-8003.	1.2	54
14	Synthetic approaches to carnegine, a simple tetrahydroisoquinoline alkaloid. Tetrahedron, 2004, 60, 10575-10610.	1.0	51
15	A new principal component analysis-based approach for testing â€œsimilarityâ€•of drug dissolution profiles. European Journal of Pharmaceutical Sciences, 2008, 34, 66-77.	1.9	51
16	Practical and regulatory considerations for stability-indicating methods for the assay of bulk drugs and drug formulations. TrAC - Trends in Analytical Chemistry, 2013, 49, 57-70.	5.8	49
17	Synthetic approaches to 2-tetralones. Tetrahedron, 2004, 60, 8295-8328.	1.0	47
18	Modular CeCl3Â·7H2O-catalyzed multi-component synthesis of 1,2,3,4-tetrasubstituted pyrroles under microwave irradiation and their further trichloroisocyanuric acid-mediated conversion into 5-sulfenylpyrrole derivatives. Tetrahedron, 2013, 69, 9076-9085.	1.0	47

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19	A formal total synthesis of the marine alkaloid aaptamine. Tetrahedron, 2008, 64, 5236-5245.	1.0	46
20	The 3,4-dioxygenated 5-hydroxy-4-aryl-quinolin-2(1H)-one alkaloids. Results of 20 years of research, uncovering a new family of natural products. Natural Product Reports, 2016, 33, 1425-1446.	5.2	45
21	Computational Chemistry Driven Solution to Rubriflordilactone B. Organic Letters, 2016, 18, 6420-6423.	2.4	42
22	The 6Ï€-azaelectrocyclization of azatrienes. Synthetic applications in natural products, bioactive heterocycles, and related fields. Natural Product Reports, 2019, 36, 354-401.	5.2	42
23	Characterization of pharmaceutically relevant materials at the solid state employing chemometrics methods. Journal of Pharmaceutical and Biomedical Analysis, 2018, 147, 538-564.	1.4	35
24	Simultaneous determination of amiloride hydrochloride and hydrochlorothiazide in synthetic samples and pharmaceutical formulations by multivariate analysis of spectrophotometric data. Journal of Pharmaceutical and Biomedical Analysis, 2002, 30, 1121-1131.	1.4	34
25	Synthesis of symmetrically substituted 3,3-dibenzyl-4-hydroxy-3,4-dihydro-1H-quinolin-2-ones, as novel quinoline derivatives with antibacterial activity. European Journal of Medicinal Chemistry, 2014, 81, 253-266.	2.6	33
26	Chemometrics-assisted solid-state characterization of pharmaceutically relevant materials. Polymorphic substances. Journal of Pharmaceutical and Biomedical Analysis, 2018, 147, 518-537.	1.4	33
27	Studies on the intramolecular oxa-Pictetâ€“Spengler rearrangement of 5-aryl-1,3-dioxolanes to 4-hydroxy-isochromans. Tetrahedron Letters, 2004, 45, 411-415.	0.7	32
28	The first chiral version of Jackson N-benzyl-N-tosylaminoacetal cyclization. A new enantioselective total synthesis of 1-s-(-)-salsoiidine. Tetrahedron Letters, 1995, 36, 9105-9108.	0.7	31
29	The Mitsunobu reaction of ortho-ethers of secondary benzylic alcohols. Concise enantioselective synthesis of a key intermediate of the novel Î²-adrenergic receptor antagonist MY336-a. Tetrahedron Letters, 1996, 37, 5329-5332.	0.7	31
30	A dynamic thermal ATR-FTIR/chemometric approach to the analysis of polymorphic interconversions. Cimetidine as a model drug. Journal of Pharmaceutical and Biomedical Analysis, 2014, 92, 90-97.	1.4	31
31	Mebendazole crystal forms in tablet formulations. An ATR-FTIR/chemometrics approach to polymorph assignment. Journal of Pharmaceutical and Biomedical Analysis, 2016, 122, 157-165.	1.4	31
32	Neocryptolepine: A Promising Indoloisoquinoline Alkaloid with Interesting Biological Activity. Evaluation of the Drug and its Most Relevant Analogs. Current Topics in Medicinal Chemistry, 2015, 15, 1683-1707.	1.0	31
33	Method development and validation for the simultaneous determination of meloxicam and pridinol mesylate using RP-HPLC and its application in drug formulations. Journal of Pharmaceutical and Biomedical Analysis, 2008, 46, 219-225.	1.4	29
34	CeIII-promoted oxidation. Efficient aerobic one-pot eco-friendly synthesis of oxidized bis(indol-3-yl)methanes and cyclic tetra(indolyl)dimethanes. Green Chemistry, 2012, 14, 2912.	4.6	29
35	The Multiple Faces of Eugenol. A Versatile Starting Material and Building Block for Organic and Bio-Organic Synthesis and a Convenient Precursor Toward Bio-Based Fine Chemicals. Journal of the Brazilian Chemical Society, 2015, , .	0.6	29
36	A convenient eco-friendly system for the synthesis of 5-sulfenyl tetrazole derivatives of indoles and pyrroles employing CeCl₃Â·7H₂O in PEG-400. RSC Advances, 2014, 4, 34519-34530.	1.7	28

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37	Pictet-Spengler condensation of N-sulfonyl-Î²-phenethylamines with Î±-chloro-Î±-phenylselenoesters. New synthesis of 1,2,3,4-tetrahydroisoquinoline-1-carboxylates. Tetrahedron Letters, 1999, 40, 4969-4972.	0.7	27
38	Chemometrics-assisted simultaneous determination of atenolol and chlorthalidone in synthetic binary mixtures and pharmaceutical dosage forms. Analytical and Bioanalytical Chemistry, 2003, 377, 1159-1164.	1.9	27
39	Synthesis of the unique angular tricyclic chromone structure proposed for aspergillitine, and its relationship with alkaloid TMC-120B. Organic and Biomolecular Chemistry, 2012, 10, 4124.	1.5	27
40	1-Substituted Î²-Carbolines by a Pictetâ^'Spengler Cyclization with Thioortho Esters and Carbonâ^'Carbon Bond Formation viaN-Sulfonyl Iminium Ions Generated fromN,S-Sulfonyl Acetals. Organic Letters, 2005, 7, 3701-3704.	2.4	26
41	Expedient Iodocyclization Approach Toward Polysubstituted 3Hâ€Benzo[e]indoles. Advanced Synthesis and Catalysis, 2015, 357, 3255-3261.	2.1	26
42	A theoretical study of the Duff reaction: insights into its selectivity. Organic and Biomolecular Chemistry, 2016, 14, 10496-10501.	1.5	26
43	A multivariate approach for the simultaneous determination of losartan potassium and hydrochlorothiazide in a combined pharmaceutical tablet formulation. Analytical and Bioanalytical Chemistry, 2008, 391, 2949-2955.	1.9	25
44	Synthesis of 4-Hydroxy-7,8-dimethoxyisochroman-3-one and Its Plant Growth-Regulating Properties on Tobacco (Nicotiana tabacumcv. Petit Havana). Journal of Agricultural and Food Chemistry, 2004, 52, 1923-1927.	2.4	24
45	Development and validation of an HPLC method for the determination of process-related impurities in pridinol mesylate, employing experimental designs. Analytica Chimica Acta, 2009, 654, 141-147.	2.6	24
46	Design, Synthesis, and Evaluation of A-, C-, and D-Ring Analogs of the Fungal Metabolite K-76 as Potential Complement Inhibitors. Journal of Medicinal Chemistry, 1995, 38, 1437-1445.	2.9	23
47	Total synthesis of the Î²-adrenergic receptor antagonist, the tetrahydroisoquinoline MY336-a and its epimer. Journal of the Chemical Society Perkin Transactions 1, 1996, , 2497-2505.	0.9	23
48	Facile, efficient and eco-friendly synthesis of 5-sulfenyl tetrazole derivatives of indoles and pyrroles. Tetrahedron Letters, 2014, 55, 1648-1652.	0.7	23
49	Preparation of N-benzylsulfonamido-1,2-dihydroisoquinolines and their reaction with Raney nickel. A mild, new synthesis of isoquinolines. Tetrahedron Letters, 1997, 38, 3159-3162.	0.7	21
50	Elaboration of 1-benzoyltetrahydroisoquinoline derivatives employing a Pictetâ€"Spengler cyclization with Î±-chloro-Î±-phenylthioketones. Synthesis of O-methylvelucryptine. Tetrahedron Letters, 2001, 42, 8947-8950.	0.7	21
51	Thioorthoesters in the activated Pictetâ€"Spengler cyclization. Synthesis of 1-thiosubstituted tetrahydroisoquinolines and carbonî—¸carbon bond formation via sulfonyl iminium ions generated from N,S-sulfonyl acetals. Tetrahedron Letters, 2003, 44, 6137-6140.	0.7	21
52	Electrocyclizationâ€Mediated Approach to 2â€Methyltriclisine, an Unnatural Analog of the Azafluoranthene Alkaloid Triclisine. European Journal of Organic Chemistry, 2009, 2009, 4637-4645.	1.2	21
53	Efficient total synthesis of neocryptolepine and synthetic access to 6-methylquinindoline from a common intermediate. RSC Advances, 2017, 7, 28298-28307.	1.7	21
54	Alternative and improved method for the simultaneous determination of fexofenadine and pseudoephedrine in their combined tablet formulation. Journal of Pharmaceutical and Biomedical Analysis, 2007, 45, 804-810.	1.4	20

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55	Simultaneous acquisition of the dissolution curves of two active ingredients in a binary pharmaceutical association, employing an on-line circulation system and chemometrics-assistance. Journal of Pharmaceutical and Biomedical Analysis, 2013, 72, 51-58.	1.4	20
56	A convenient approach to an advanced intermediate toward the naturally occurring, bioactive 6-substituted 5-hydroxy-4-aryl-1H-quinolin-2-ones. Organic and Biomolecular Chemistry, 2016, 14, 2625-2636.	1.5	20
57	Convenient Michael addition/Î²-elimination approach to the synthesis of 4-benzyl- and 4-aryl-selenyl coumarins using diselenides as selenium sources. Tetrahedron Letters, 2017, 58, 985-990.	0.7	20
58	Furo[3,2-c]coumarins carrying carbon substituents at C-2 and/or C-3. Isolation, biological activity, synthesis and reaction mechanisms. RSC Advances, 2020, 10, 33344-33377.	1.7	20
59	An eco-friendly synthesis of novel 3,5-disubstituted-1,2-isoxazoles in PEG-400, employing the Et₃N-promoted hydroamination of symmetric and unsymmetric 1,3-diyne-indole derivatives. RSC Advances, 2014, 4, 60785-60797.	1.7	19
60	A PCA-based chemometrics-assisted ATR-FTIR approach for the classification of polymorphs of cimetidine: Application to physical mixtures and tablets. Journal of Pharmaceutical and Biomedical Analysis, 2015, 107, 419-425.	1.4	19
61	Activity of the pterophyllins 2 and 4 against postharvest fruit pathogenic fungi. Comparison with a synthetic analog and related intermediates. FÃ¬toterapÃ¬Ã¢, 2018, 125, 98-105.	1.1	18
62	The Oxa-Pictet-Spengler Cyclization: Synthesis of Isochromans and Related Pyran-Type Heterocycles. Synthesis, 2006, 2006, 187-220.	1.2	17
63	PCA-CR analysis of dissolution profiles. A chemometric approach to probe the polymorphic form of the active pharmaceutical ingredient in a drug product. International Journal of Pharmaceutics, 2009, 378, 187-193.	2.6	17
64	Metal-free synthesis of 3,5-disubstituted 1H- and 1-aryl-1H-pyrazoles from 1,3-diyne-indole derivatives employing two successive hydroaminations. RSC Advances, 2015, 5, 21112-21124.	1.7	17
65	A Straightforward Synthesis of 5â€Methylaaptamine from Eugenol, Employing a 6Ï€â€Electrocyclization Reaction of a 1â€Azatriene. European Journal of Organic Chemistry, 2016, 2016, 1397-1404.	1.2	17
66	Synthesis of Chromeno[4,3â€b]pyrrolâ€4(1H)â€ones, from Î²â€Nitroalkenes and 4â€Phenylaminocoumarins, under Solventâ€“free Conditions. ChemistrySelect, 2017, 2, 1297-1304.	0.7	17
67	Sulfonamidoacetal Cyclization-based Synthesis of a Tetrahydrooxazaphenalenelactone Related to the ABC-Ring System of the Stephaoxocanes. Heterocycles, 2001, 55, 323.	0.4	16
68	Synthesis of tricyclic analogs of stephaoxocanidine and their evaluation as acetylcholinesterase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 2711-2715.	1.0	16
69	Validated stability-indicating HPLC method for the determination of pridinol mesylate. Kinetics study of its degradation in acid medium. Journal of Pharmaceutical and Biomedical Analysis, 2008, 48, 1151-1160.	1.4	16
70	Characterization of two new potential impurities of Valsartan obtained under photodegradation stress condition. Journal of Pharmaceutical and Biomedical Analysis, 2011, 56, 16-22.	1.4	16
71	Extension of the Bobbitt Acetal Cyclization to the Elaboration of 1-Hydroxymethyl-Substituted Simple Tetrahydroisoquinolines. A New Synthesis of Calycotomine. Synthetic Communications, 1993, 23, 473-486.	1.1	15
72	PLS and first derivative of ratio spectra methods for determination of hydrochlorothiazide and propranolol hydrochloride in tablets. Analytical and Bioanalytical Chemistry, 2006, 386, 2239-2244.	1.9	15

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73	SeCl₂-Mediated Approach Toward Indole-Containing Polysubstituted Selenophenes. Journal of Organic Chemistry, 2018, 83, 3252-3264.	1.7	15
74	A concise FriedlÃnder/Buchwaldâ€“Hartwig approach to the total synthesis of quindoline, a bioactive natural indoloquinoline alkaloid, and toward the unnatural 10-methylquindoline. New Journal of Chemistry, 2019, 43, 10803-10813.	1.4	15
75	Synthesis and Complement Inhibitory Activity of B/C/D-Ring Analogues of the Fungal Metabolite 6,7-Diformyl-3â€˜,4â€˜,4aâ€˜,5â€˜,6â€˜,7â€˜,8â€˜,8aâ€˜-octahydro-4,6â€˜,7â€˜-trihydroxy-2â€˜,5â€˜,5â€˜,8aâ€˜-tetramethylspiro[1â€˜(2â€˜H)-naphthalene-2(3H)-benzofuran]. Journal of Medicinal Chemistry, 2003, 46, 2697-2705.	2.9	14
76	Application of a chemometric method for simultaneous determination of acetaminophen and diclofenac in content-uniformity and drug-dissolution studies. Analytical and Bioanalytical Chemistry, 2005, 382, 1711-1714.	1.9	14
77	Synthesis of 3H-spiro[benzofuran-2,1â€²-cyclohexane] derivatives from naturally occurring filifolinol and their classical complement pathway inhibitory activity. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 5097-5101.	1.0	14
78	New inhibitors of the complement system inspired in K76-COOH. A SAR study of filifolinol derivatives through modifications of the C3â€² position. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 6172-6175.	1.0	14
79	Total syntheses of gerberinol I and the pterophyllins 2 and 4 using the Casnatiâ€“SkattebÃ¸l reaction under different conditions. Organic and Biomolecular Chemistry, 2017, 15, 7040-7049.	1.5	14
80	Isolation and synthesis of cryptosanguinolentine (isocryptolepine), a naturally-occurring bioactive indoloquinoline alkaloid. RSC Advances, 2020, 10, 18978-19002.	1.7	14
81	Studies on the natural Î²-adrenergic receptor antagonist MY336-a: synthesis of a 3-dehydroxymethyl analogue. Journal of the Chemical Society Perkin Transactions 1, 1993, , 403-404.	0.9	13
82	Synthesis of the Carbon Framework of the Stephaoxocanes Employing a Sequential RCM/Pomeranzâ€“Fritsch Approach. European Journal of Organic Chemistry, 2007, 2007, 5284-5293.	1.2	13
83	Determination of the main solid-state form of albendazole in bulk drug, employing Raman spectroscopy coupled to multivariate analysis. Journal of Pharmaceutical and Biomedical Analysis, 2016, 129, 190-197.	1.4	13
84	Total Synthesis of Waltherione F, a Nonrutaceous 3-Methoxy-4-quinolone, Isolated from Waltheria indica L. F.. Organic Letters, 2018, 20, 5058-5061.	2.4	13
85	EXPERIMENTALLY DESIGNED, VALIDATED HPLC SIMULTANEOUS DETERMINATION OF PRIDINOL AND DICLOFENAC IN THEIR COMBINED PHARMACEUTICAL FORMULATIONS, WHICH ALLOWS LIMITING DICLOFENAC RELATED COMPOUND A. Journal of Liquid Chromatography and Related Technologies, 2010, 33, 1720-1732.	0.5	12
86	DEVELOPMENT AND VALIDATION OF AN HPLC METHOD FOR THE SIMULTANEOUS DETERMINATION OF AMLODIPINE, HYDROCHLOROTHIAZIDE, AND VALSARTAN IN TABLETS OF THEIR NOVEL TRIPLE COMBINATION AND BINARY PHARMACEUTICAL ASSOCIATIONS. Journal of Liquid Chromatography and Related Technologies, 2011, 34, 2383-2395.	0.5	12
87	Thermally induced solid-state transformation of cimetidine. A multi-spectroscopic/chemometrics determination of the kinetics of the process and structural elucidation of one of the products as a stable N3-enamino tautomer. Analytica Chimica Acta, 2015, 875, 22-32.	2.6	12
88	Synthesis of a tricyclic lactone embodying the ABC-ring system of stephaoxocanidine, by tin(IV) chloride-assisted sulfonamidoacetal cyclization and an aromatization promoted by triethylamine. Arkivoc, 2003, 2003, 178-188.	0.3	12
89	Isolation, synthesis and complement inhibiting activity of the naturally occurring K-76, its analogues and derivatives. Arkivoc, 2011, 2011, 49-102.	0.3	12
90	The design, synthesis and evaluation of A,C,D-ring analogs of the fungal metabolite K-76 as complement inhibitors: a potential probe for the absolute stereochemistry at position 2. Bioorganic and Medicinal Chemistry Letters, 1995, 5, 501-506.	1.0	11

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91	Thiophenol-mediated improvement of the Pictetâ€“Spengler cyclization of N-tosyl-Î²-phenethylamines with aldehydes. Tetrahedron Letters, 2006, 47, 7545-7549.	0.7	11
92	Synthesis of (Diphenylphosphinoyl)methyl Vinyl Sulfides, Symmetric and Asymmetric Divinyl Sulfides from Bis[(diphenylphosphinoyl)methyl] Sulfide. Synthesis, 2011, 2011, 1233-1242.	1.2	11
93	Preparation and Physical Characterization of a Diclofenac-Ranitidine Co-precipitate for Improving the Dissolution of Diclofenac. Journal of Pharmaceutical Sciences, 2016, 105, 1258-1268.	1.6	11
94	First total synthesis of the only known 2-isopropyliden-2H-benzofuran-3-one isolated from V. luetzelburgii. RSC Advances, 2017, 7, 5242-5250.	1.7	11
95	Synthesis and evaluation of aromatic methoxime derivatives against five postharvest phytopathogenic fungi of fruits. Main structureâ€“activity relationships. Food Chemistry, 2020, 321, 126701.	4.2	11
96	First total synthesis of chromanone A, preparation of related compounds and evaluation of their antifungal activity againstCandida albicans, a biofilm forming agent. RSC Advances, 2021, 11, 19587-19597.	1.7	11
97	Carbonyl transposition of Î±-hydroxyamidals mediated by triphenylphosphine-iodine. A new entry to tetrahydroisoquinolin-4-ones. Tetrahedron Letters, 1998, 39, 3409-3412.	0.7	10
98	A tosyliminium ion-based total synthesis of (Â±)-schefferine. Canadian Journal of Chemistry, 2000, 78, 1165-1169.	0.6	10
99	A combined RCM-Bischlerâ€“Napieralski strategy towards the synthesis of the carbon skeleton of excentricine and related stephaoxocanes. Tetrahedron, 2008, 64, 9921-9927.	1.0	10
100	Synthesis of optically active 1,2,3-trisubstituted azetidines employing an organocatalytic approach with l-proline. Tetrahedron Letters, 2013, 54, 1924-1927.	0.7	10
101	Modulators of complement activation: a patent review (2008 â€“ 2013). Expert Opinion on Therapeutic Patents, 2014, 24, 665-686.	2.4	10
102	Isolation, Synthesis, and Biological Activity of Quindoline, a ValuableÂ-Indoloquinoline Natural Product and Useful Key IntermediateÂ. Synthesis, 2018, 50, 1417-1429.	1.2	10
103	Synthesis of an alberta oil sand bitumen C20 tricyclic carboxylic acid bearing a novel diterpenoid skeleton. Journal of the Chemical Society Perkin Transactions 1, 1988, , 2323.	0.9	9
104	Synthesis of 3-Substituted Tetrahydroisoquinolines via Nucleophilic Addition to N-Tosyliminium Ions. Synlett, 1995, 1995, 1149-1150.	1.0	9
105	Synthesis of 2-diphenylphosphinoyl-3,5-(diaryl)-3,4-dihydro-2H-thiopyrans by the reaction of a bis[(diphenylphosphinoyl)methyl]sulfide with chalcones. Tetrahedron Letters, 2008, 49, 5782-5784.	0.7	9
106	DEVELOPMENT AND VALIDATION OF A HPLC METHOD FOR THE SIMULTANEOUS DETERMINATION OF BROMHEXINE, CHLORPHENIRAMINE, PARACETAMOL, AND PSEUDOEPHEDRINE IN THEIR COMBINED COLD MEDICINE FORMULATIONS. Journal of Liquid Chromatography and Related Technologies, 2013, 36, 2829-2843.	0.5	9
107	Synthesis and photophysical characterization of novel Ï€-conjugated vinyl sulfides. Journal of Photochemistry and Photobiology A: Chemistry, 2014, 290, 1-10.	2.0	9
108	A facile and convenient sequential homobimetallic catalytic approach towards Î²-methylstyrenes. A one-pot Stille cross-coupling/isomerization strategy. Organic and Biomolecular Chemistry, 2014, 12, 3735-3743.	1.5	9

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109	Wittigâ€“Horner mediated synthesis of 4-vinyl sulfide derivatives of pyrazoles. Tetrahedron Letters, 2016, 57, 3349-3353.	0.7	9
110	Chemometrics-assisted study of the interconversion between the crystalline forms of nimodipine. Journal of Pharmaceutical and Biomedical Analysis, 2018, 158, 461-470.	1.4	9
111	Evolution of the Synthesis of Remdesivir. Classical Approaches and Most Recent Advances. ACS Omega, 2021, 6, 19356-19363.	1.6	9
112	Alternate and Improved Synthesis of the Cactus Alkaloid Arizonine. Synthetic Communications, 1992, 22, 1913-1921.	1.1	8
113	Synthesis of 3-substituted tetrahydroisoquinolines by acid-catalyzed cyclization of p-toluenesulfonamides of N-benzyl aminoacetaldehyde derivatives. Canadian Journal of Chemistry, 1995, 73, 1348-1356.	0.6	8
114	Synthesis and antibiotic activity of the tricyclic furo[3,2-c] isochromen-2-trione unit of the pyranonaphthoquinones. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 757-760.	1.0	8
115	Synthesis and classical pathway Complement inhibitory activity of C7-functionalized filifolinol derivatives, inspired in K-76 COOH. European Journal of Medicinal Chemistry, 2012, 55, 74-84.	2.6	8
116	An eco-friendly strategy, using on-line monitoring and dilution coupled to a second-order chemometric method, for the construction of dissolution curves of combined pharmaceutical associations. Journal of Pharmaceutical and Biomedical Analysis, 2014, 89, 213-220.	1.4	8
117	A Convenient and Atomâ€Economic Oneâ€Pot Seleniumâ€Chlorideâ€Mediated Synthesis of 2â€Arylselenopheno[2,3â€b]indoles and Their Antifungal Activity. Asian Journal of Organic Chemistry, 2019, 8, 369-375.	1.3	8
118	Synthesis and Antifungal Activity of 4â€•and 6â€(1Hâ€Pyrrolâ€1â€yl) Coumarins, and their Thiocyanato Derivatives. ChemistrySelect, 2019, 4, 5398-5406.	0.7	8
119	Synthesis and 13C nuclear magnetic resonance spectral analysis of some diterpenoids related to the cleistanthane type hydrocarbon isolated from Amphibolisantarctica. Canadian Journal of Chemistry, 1987, 65, 2024-2026.	0.6	7
120	A short and efficient synthesis of grisan. Journal of Heterocyclic Chemistry, 1989, 26, 879-881.	1.4	7
121	Multivariate Optimization and Validation of a CZE Method for the Analysis of Pridinol Mesylate and Meloxicam in Tablets. Chromatographia, 2011, 74, 609-617.	0.7	7
122	A convenient and eco-friendly cerium(III) chloride-catalysed synthesis of methoxime derivatives of aromatic aldehydes and ketones. Royal Society Open Science, 2018, 5, 180279.	1.1	7
123	Total Synthesis and Cytotoxic Activity of 6,8-Dimethoxy-1,3-dimethylisoquinoline Isolated from Ancistrocladus tectorius: A 6Ï€-Azaelectrocyclization Approach. Synthesis, 2019, 51, 433-440.	1.2	7
124	Rhodium(III)-Catalyzed Câ€“H Activation-Based First Total Synthesis of 6-O-Methyl Anciscochine, an Alkaloid Isolated from Ancistrocladus tectorius. Synthesis, 2020, 52, 119-126.	1.2	7
125	A TRIPHOSGENE-BASED SYNTHESIS OF (S)-Î±,Î±-DIPHENYL-2-PYRROLIDINEMETHANOL. Organic Preparations and Procedures International, 1996, 28, 487-490.	0.6	6
126	Polysubstituted Isochroman Derivatives with Plant Growth Regulating Properties on Wheat (Triticum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.8	6

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127	First total synthesis of ampullosine, a unique isoquinoline alkaloid isolated from Sepedonium ampullosporum, and of the related permethylampullosine. RSC Advances, 2019, 9, 33096-33106.	1.7	6
128	Thermal decomposition of hexamethylenetetramine: mechanistic study and identification of reaction intermediatesviaa computational and NMR approach. Organic and Biomolecular Chemistry, 2021, 19, 7374-7378.	1.5	6
129	13C NMR chemical shifts of the carbon atoms of the methoxymethyl group of di-ortho-substituted aromatic methoxymethyl ethers. Magnetic Resonance in Chemistry, 1989, 27, 1178-1181.	1.1	5
130	Synthesis of N-Methyl-N-formyltyramine, a new beta-phenethylamide derivative isolated from Cyathobasis fruticulosa (Bunge) Aellen. Journal of the Brazilian Chemical Society, 2006, 17, 599-602.	0.6	5
131	STRESS TESTING OF VALSARTAN. DEVELOPMENT AND VALIDATION OF A HIGH PERFORMANCE LIQUID CHROMATOGRAPHY STABILITY-INDICATING ASSAY. Journal of Liquid Chromatography and Related Technologies, 2012, 35, 1053-1069.	0.5	5
132	Convergent First Total Synthesis of Melovinone: A Densely Substituted 3-Methoxy-4-quinolone Isolated from Melochia tomentosa L.. Synthesis, 2019, 51, 4253-4262.	1.2	5
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