

Teodoro S Kaufman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8699995/publications.pdf>

Version: 2024-02-01

165
papers

3,512
citations

147566

31
h-index

197535

49
g-index

192
all docs

192
docs citations

192
times ranked

3984
citing authors

#	ARTICLE	IF	CITATIONS
1	The Quest for Quinine: Those Who Won the Battles and Those Who Won the War. <i>Angewandte Chemie - International Edition</i> , 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. <i>Food Chemistry</i> , 2009, 114, 1549-1554.	4.2	146
3	A novel chemometric strategy for the estimation of extra virgin olive oil adulteration with edible oils. <i>Food Control</i> , 2010, 21, 890-895.	2.8	126
4	Synthesis of Oxacycles Employing the Oxa-Pictet-Spengler Reaction: Recent Developments and New Prospects. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 5195-5231.	1.2	95
5	Aptamine and related products. Their isolation, chemical syntheses, and biological activity. <i>Tetrahedron</i> , 2009, 65, 4257-4282.	1.0	88
6	Synthetic pathways to salsolidine. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 1203-1237.	1.8	87
7	Angular tricyclic benzofurans and related natural products of fungal origin. Isolation, biological activity and synthesis. <i>Natural Product Reports</i> , 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. <i>Arkivoc</i> , 2006, 2005, 98-153.	0.3	71
9	Chemometric determination of amiloride hydrochloride, atenolol, hydrochlorothiazide and timolol maleate in synthetic mixtures and pharmaceutical formulations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004, 34, 305-314.	1.4	68
10	Pharmaceutical impurities and degradation products: Uses and applications of NMR techniques. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 101, 102-122.	1.4	68
11	Synthesis and preliminary evaluation of 3-thiocyanato-1H-indoles as potential anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2001, 26, 443-451.	1.4	55
13	Neocryptolepine (Cryptotackieine), A Unique Bioactive Natural Product: Isolation, Synthesis, and Profile of Its Biological Activity. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 7979-8003.	1.2	54
14	Synthetic approaches to carnegine, a simple tetrahydroisoquinoline alkaloid. <i>Tetrahedron</i> , 2004, 60, 10575-10610.	1.0	51
15	A new principal component analysis-based approach for testing "similarity" of drug dissolution profiles. <i>European Journal of Pharmaceutical Sciences</i> , 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. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 49, 57-70.	5.8	49
17	Synthetic approaches to 2-tetralones. <i>Tetrahedron</i> , 2004, 60, 8295-8328.	1.0	47
18	Modular CeCl ₃ ·7H ₂ O-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. <i>Tetrahedron</i> , 2013, 69, 9076-9085.	1.0	47

#	ARTICLE	IF	CITATIONS
19	A formal total synthesis of the marine alkaloid aaptamine. <i>Tetrahedron</i> , 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. <i>Natural Product Reports</i> , 2016, 33, 1425-1446.	5.2	45
21	Computational Chemistry Driven Solution to Rubrifloridilactone B. <i>Organic Letters</i> , 2016, 18, 6420-6423.	2.4	42
22	The 6 π -azaelectrocyclization of azatrienes. Synthetic applications in natural products, bioactive heterocycles, and related fields. <i>Natural Product Reports</i> , 2019, 36, 354-401.	5.2	42
23	Characterization of pharmaceutically relevant materials at the solid state employing chemometrics methods. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 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. <i>European Journal of Medicinal Chemistry</i> , 2014, 81, 253-266.	2.6	33
26	Chemometrics-assisted solid-state characterization of pharmaceutically relevant materials. Polymorphic substances. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 147, 518-537.	1.4	33
27	Studies on the intramolecular oxa-Pictet \rightarrow Spengler rearrangement of 5-aryl-1,3-dioxolanes to 4-hydroxy-isochromans. <i>Tetrahedron Letters</i> , 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(-)-salsoidine. <i>Tetrahedron Letters</i> , 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 β -adrenergic receptor antagonist MY336-a. <i>Tetrahedron Letters</i> , 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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 92, 90-97.	1.4	31
31	Mebendazole crystal forms in tablet formulations. An ATR-FTIR/chemometrics approach to polymorph assignment. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 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. <i>Current Topics in Medicinal Chemistry</i> , 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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 46, 219-225.	1.4	29
34	CellI-promoted oxidation. Efficient aerobic one-pot eco-friendly synthesis of oxidized bis(indol-3-yl)methanes and cyclic tetra(indolyl)dimethanes. <i>Green Chemistry</i> , 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. <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	29
36	A convenient eco-friendly system for the synthesis of 5-sulphenyl tetrazole derivatives of indoles and pyrroles employing $\text{CeCl}_3 \cdot 7\text{H}_2\text{O}$ in PEG-400. <i>RSC Advances</i> , 2014, 4, 34519-34530.	1.7	28

#	ARTICLE	IF	CITATIONS
37	Pictet-Spengler condensation of N-sulfonyl- β -phenethylamines with α -chloro- α -phenylselenoesters. New synthesis of 1,2,3,4-tetrahydroisoquinoline-1-carboxylates. <i>Tetrahedron Letters</i> , 1999, 40, 4969-4972.	0.7	27
38	Chemometrics-assisted simultaneous determination of atenolol and chlorthalidone in synthetic binary mixtures and pharmaceutical dosage forms. <i>Analytical and Bioanalytical Chemistry</i> , 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. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 4124.	1.5	27
40	1-Substituted β -Carbolines by a Pictet-Spengler Cyclization with Thioortho Esters and Carbon-Carbon Bond Formation via N-Sulfonyl Iminium Ions Generated from N,S-Sulfonyl Acetals. <i>Organic Letters</i> , 2005, 7, 3701-3704.	2.4	26
41	Expedient Iodocyclization Approach Toward Polysubstituted 3-Hydroxybenzo[e]indoles. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3255-3261.	2.1	26
42	A theoretical study of the Duff reaction: insights into its selectivity. <i>Organic and Biomolecular Chemistry</i> , 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. <i>Analytical and Bioanalytical Chemistry</i> , 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 (<i>Nicotiana tabacum</i> cv. Petit Havana). <i>Journal of Agricultural and Food Chemistry</i> , 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. <i>Analytica Chimica Acta</i> , 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. <i>Journal of Medicinal Chemistry</i> , 1995, 38, 1437-1445.	2.9	23
47	Total synthesis of the β -adrenergic receptor antagonist, the tetrahydroisoquinoline MY336-a and its epimer. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1996, , 2497-2505.	0.9	23
48	Facile, efficient and eco-friendly synthesis of 5-sulphenyl tetrazole derivatives of indoles and pyrroles. <i>Tetrahedron Letters</i> , 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. <i>Tetrahedron Letters</i> , 1997, 38, 3159-3162.	0.7	21
50	Elaboration of 1-benzoyltetrahydroisoquinoline derivatives employing a Pictet-Spengler cyclization with α -chloro- α -phenylthio ketones. Synthesis of O-methylvelucryptine. <i>Tetrahedron Letters</i> , 2001, 42, 8947-8950.	0.7	21
51	Thioorthoesters in the activated Pictet-Spengler cyclization. Synthesis of 1-thiosubstituted tetrahydroisoquinolines and carbon-carbon bond formation via sulfonyl iminium ions generated from N,S-sulfonyl acetals. <i>Tetrahedron Letters</i> , 2003, 44, 6137-6140.	0.7	21
52	Electrocyclization-Mediated Approach to 2-Methyltrichlisine, an Unnatural Analog of the Azafluoranthene Alkaloid Trichlisine. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 4637-4645.	1.2	21
53	Efficient total synthesis of neocryptolepine and synthetic access to 6-methylquinindoline from a common intermediate. <i>RSC Advances</i> , 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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 45, 804-810.	1.4	20

#	ARTICLE	IF	CITATIONS
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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 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. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 2625-2636.	1.5	20
57	Convenient Michael addition/β-elimination approach to the synthesis of 4-benzyl- and 4-aryl-selenyl coumarins using diselenides as selenium sources. <i>Tetrahedron Letters</i> , 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. <i>RSC Advances</i> , 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 Et ₃ N-promoted hydroamination of symmetric and unsymmetric 1,3-diyne-indole derivatives. <i>RSC Advances</i> , 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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 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. <i>Fitoquímica</i> , 2018, 125, 98-105.	1.1	18
62	The Oxa-Pictet-Spengler Cyclization: Synthesis of Isochromans and Related Pyran-Type Heterocycles. <i>Synthesis</i> , 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. <i>International Journal of Pharmaceutics</i> , 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. <i>RSC Advances</i> , 2015, 5, 21112-21124.	1.7	17
65	A Straightforward Synthesis of 5-Methylaptamine from Eugenol, Employing a 6π Electrocyclization Reaction of a 1-Azatriene. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 1397-1404.	1.2	17
66	Synthesis of Chromeno[4,3-b]pyrrol-4(1H)-ones, from Nitroalkenes and 4-Phenylaminocoumarins, under Solvent-free Conditions. <i>ChemistrySelect</i> , 2017, 2, 1297-1304.	0.7	17
67	Sulfonamidoacetal Cyclization-based Synthesis of a Tetrahydrooxazaphenalenelactone Related to the ABC-Ring System of the Stephaoxocanes. <i>Heterocycles</i> , 2001, 55, 323.	0.4	16
68	Synthesis of tricyclic analogs of stephaoxocanidine and their evaluation as acetylcholinesterase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 48, 1151-1160.	1.4	16
70	Characterization of two new potential impurities of Valsartan obtained under photodegradation stress condition. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 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. <i>Synthetic Communications</i> , 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. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 2239-2244.	1.9	15

#	ARTICLE	IF	CITATIONS
73	SeCl ₂ -Mediated Approach Toward Indole-Containing Polysubstituted Selenophenes. <i>Journal of Organic Chemistry</i> , 2018, 83, 3252-3264.	1.7	15
74	A concise Friedländer/Buchwald-Hartwig approach to the total synthesis of quindoline, a bioactive natural indoloquinoline alkaloid, and toward the unnatural 10-methylquindoline. <i>New Journal of Chemistry</i> , 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-3,4,5,6,7,8,8a-octahydro-4,6,7-trihydroxy-2,5,8-tetramethylspiro[1(2H)-naphthalene-2(3H)-benzofuran]. <i>Journal of Medicinal Chemistry</i> , 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. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 382, 1711-1714.	1.9	14
77	Synthesis of 3H-spiro[benzofuran-2,1-cyclohexane] derivatives from naturally occurring filifolinol and their classical complement pathway inhibitory activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 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 C3 position. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 6172-6175.	1.0	14
79	Total syntheses of gerberinol I and the pterophyllins 2 and 4 using the Casnati-Skattebøl reaction under different conditions. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 7040-7049.	1.5	14
80	Isolation and synthesis of cryptosanguinolentine (isocryptolepine), a naturally-occurring bioactive indoloquinoline alkaloid. <i>RSC Advances</i> , 2020, 10, 18978-19002.	1.7	14
81	Studies on the natural β -adrenergic receptor antagonist MY336-a: synthesis of a 3-dehydroxymethyl analogue. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1993, , 403-404.	0.9	13
82	Synthesis of the Carbon Framework of the Stephaoxocanes Employing a Sequential RCM/Pomeranz-Fritsch Approach. <i>European Journal of Organic Chemistry</i> , 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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 129, 190-197.	1.4	13
84	Total Synthesis of Waltherione F, a Nonrutaceous 3-Methoxy-4-quinolone, Isolated from <i>Waltheria indica</i> L. F.. <i>Organic Letters</i> , 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. <i>Journal of Liquid Chromatography and Related Technologies</i> , 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. <i>Journal of Liquid Chromatography and Related Technologies</i> , 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. <i>Analytica Chimica Acta</i> , 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. <i>Arkivoc</i> , 2003, 2003, 178-188.	0.3	12
89	Isolation, synthesis and complement inhibiting activity of the naturally occurring K-76, its analogues and derivatives. <i>Arkivoc</i> , 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. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1995, 5, 501-506.	1.0	11

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

#	ARTICLE	IF	CITATIONS
109	Wittig-Horner mediated synthesis of 4-vinyl sulfide derivatives of pyrazoles. <i>Tetrahedron Letters</i> , 2016, 57, 3349-3353.	0.7	9
110	Chemometrics-assisted study of the interconversion between the crystalline forms of nimodipine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 158, 461-470.	1.4	9
111	Evolution of the Synthesis of Remdesivir. <i>Classical Approaches and Most Recent Advances. ACS Omega</i> , 2021, 6, 19356-19363.	1.6	9
112	Alternate and Improved Synthesis of the Cactus Alkaloid Arizonine. <i>Synthetic Communications</i> , 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. <i>Canadian Journal of Chemistry</i> , 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. <i>Bioorganic and Medicinal Chemistry Letters</i> , 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. <i>European Journal of Medicinal Chemistry</i> , 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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 89, 213-220.	1.4	8
117	A Convenient and Atom-Economic One-Pot Selenium-Chloride-Mediated Synthesis of 2-Arylselenopheno[2,3-b]indoles and Their Antifungal Activity. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 369-375.	1.3	8
118	Synthesis and Antifungal Activity of 4- and 6-(1-H-Pyrrol-1-yl) Coumarins, and their Thiocyanato Derivatives. <i>ChemistrySelect</i> , 2019, 4, 5398-5406.	0.7	8
119	Synthesis and ¹³ C nuclear magnetic resonance spectral analysis of some diterpenoids related to the cleistanthane type hydrocarbon isolated from <i>Amphibolis antarctica</i> . <i>Canadian Journal of Chemistry</i> , 1987, 65, 2024-2026.	0.6	7
120	A short and efficient synthesis of grisan. <i>Journal of Heterocyclic Chemistry</i> , 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. <i>Chromatographia</i> , 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. <i>Royal Society Open Science</i> , 2018, 5, 180279.	1.1	7
123	Total Synthesis and Cytotoxic Activity of 6,8-Dimethoxy-1,3-dimethylisoquinoline Isolated from <i>Ancistrocladus tectorius</i> : A 6- <i>Aza</i> electrocyclization Approach. <i>Synthesis</i> , 2019, 51, 433-440.	1.2	7
124	Rhodium(III)-Catalyzed C-H Activation-Based First Total Synthesis of 6-O-Methyl Anciscochine, an Alkaloid Isolated from <i>Ancistrocladus tectorius</i> . <i>Synthesis</i> , 2020, 52, 119-126.	1.2	7
125	A TRIPHOSGENE-BASED SYNTHESIS OF (S)-1,1-DIPHENYL-2-PYRROLIDINEMETHANOL. <i>Organic Preparations and Procedures International</i> , 1996, 28, 487-490.	0.6	6
126	Polysubstituted Isochroman Derivatives with Plant Growth Regulating Properties on Wheat (<i>Triticum</i>) Tj ETQq0 0 0,rgBT /Overlock 10 Tf	2.8	6

#	ARTICLE	IF	CITATIONS
127	First total synthesis of ampullosine, a unique isoquinoline alkaloid isolated from <i>Sepedonium ampullosporum</i> , and of the related permethylampullosine. <i>RSC Advances</i> , 2019, 9, 33096-33106.	1.7	6
128	Thermal decomposition of hexamethylenetetramine: mechanistic study and identification of reaction intermediates via a computational and NMR approach. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 7374-7378.	1.5	6
129	¹³ C NMR chemical shifts of the carbon atoms of the methoxymethyl group of di-ortho-substituted aromatic methoxymethyl ethers. <i>Magnetic Resonance in Chemistry</i> , 1989, 27, 1178-1181.	1.1	5
130	Synthesis of N-Methyl-N-formyltyramine, a new beta-phenethylamide derivative isolated from <i>Cyathobasis fruticulosa</i> (Bunge) Aellen. <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 599-602.	0.6	5
131	STRESS TESTING OF VALSARTAN. DEVELOPMENT AND VALIDATION OF A HIGH PERFORMANCE LIQUID CHROMATOGRAPHY STABILITY-INDICATING ASSAY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2012, 35, 1053-1069.	0.5	5
132	Convergent First Total Synthesis of Melovinone: A Densely Substituted 3-Methoxy-4-quinolone Isolated from <i>Melochia tomentosa</i> L.. <i>Synthesis</i> , 2019, 51, 4253-4262.	1.2	5
133	Synthetic confirmation of the proposed structure for the C20 tricyclic carboxylic acid isolated from the alberta oil sands. <i>Journal of the Chemical Society Chemical Communications</i> , 1986, , 418.	2.0	4
134	Economical and Convenient Carbonyl Transposition Approach Toward a 2-arylcycloheptanone Derivative. <i>Synthetic Communications</i> , 2006, 36, 299-310.	1.1	4
135	Expedient Approach to 2-bromo-2-isopropylidencoumaranone, a Potential Intermediate for the Synthesis of TMC-20B, Pseudodeflectusin, and Their Congeners. <i>Helvetica Chimica Acta</i> , 2016, 99, 398-404.	1.0	4
136	Synthesis of Polysubstituted 3-methylisoquinolines through the 6-electron Cyclization/Elimination of 1-azatrienes derived from 1,1-dimethylhydrazine. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 5605-5614.	1.2	4
137	A Ruthenium-Catalyzed C-H Activation Strategy as an Efficient Shortcut in the Total Synthesis of 6,8-Dimethoxy-1,3-dimethylisoquinoline. <i>Synthesis</i> , 2019, 51, 3908-3914.	1.2	4
138	Efficient synthesis of 4-sulfanylcoumarins from 3-bromo-coumarins via a highly selective DABCO-mediated one-pot thia-Michael addition/elimination process. <i>RSC Advances</i> , 2020, 10, 482-491.	1.7	4
139	Langmuir-Blodgett monolayers holding a wound healing active compound and its effect in cell culture. A model for the study of surface mediated drug delivery systems. <i>Heliyon</i> , 2021, 7, e06436.	1.4	4
140	A comprehensive approach toward concomitant triclofenol polymorphism in pharmaceutical products. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 62, 102386.	1.4	4
141	AN IMPROVED SYNTHESIS OF 9-CHLORO-1,8-p-MENTHADIENE. <i>Organic Preparations and Procedures International</i> , 1994, 26, 557-560.	0.6	3
142	Synthesis and Mass Spectral Data of four Potential Biomarkers Related to the C19 Tricyclanes Found in Australian Oils and Puget Sound Sediments. <i>Synthetic Communications</i> , 1995, 25, 1205-1221.	1.1	3
143	Elaboration of the Isochromane System of Stephaoxocanes Employing an Oxa-Pictet Spengler Type Cyclization. <i>Molecules</i> , 2000, 5, 493-494.	1.7	3
144	Concise Synthesis of the ABC-Ring System of the Azafluoranthene, Tropoisoquinoline and Proaporphine Alkaloids: An Olefin Hydroacylation/Pomeranz-Fritsch Cyclization Approach. <i>Synthesis</i> , 2019, 51, 2030-2038.	1.2	3

#	ARTICLE	IF	CITATIONS
145	Synthesis and Photophysical Properties of 1,4-Dihydro-2H,5H-chromeno[4,3-d][1,3]oxazin-5-ones, and Derivatives Containing Tethered 1,2,3-Triazoles, from 4-Aminocoumarins. <i>Synthesis</i> , 2019, 51, 2965-2976.	1.2	3
146	Synthesis and evaluation of photophysical and electrochemical properties of vinyl chalcogenide derivatives of phenothiazines. <i>Dyes and Pigments</i> , 2022, 198, 109982.	2.0	3
147	Total Synthesis of Aqabamycin G, a Nitrophenyl Indolylmaleimide Marine Alkaloid from <i>Vibrio</i> sp. <i>Journal of Organic Chemistry</i> , 2022, 87, 13494-13500.	1.7	3
148	Synthesis of 2-diphenylphosphinoyl-3,5-diaryl-3,4-dihydro-2H-telluropyrans by reaction of chalcones with bis[(diphenylphosphinoyl)methyl]telluride. <i>Tetrahedron Letters</i> , 2010, 51, 4563-4565.	0.7	2
149	Alternate and Step-Economic Synthesis of the η^2 -Methylstyrene Chelating Pre-ligand of the Hoveyda-Grubbs TM II Catalyst. <i>Organic Preparations and Procedures International</i> , 2015, 47, 227-231.	0.6	2
150	Form quantitation in desmotropic mixtures of albendazole bulk drug by chemometrics-assisted analysis of vibrational spectra. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 265, 120354.	2.0	2
151	Synthesis and Mass Spectral Confirmation of the Identity of Two New Tricyclic Terpanes Found in Chinese Bituminous Sandstones. <i>Natural Product Research</i> , 1993, 2, 215-220.	0.4	1
152	Eco-friendly methoximation of aromatic aldehydes and ketones using MnCl ₂ · 4H ₂ O as an easily accessible and efficient catalyst. <i>Royal Society Open Science</i> , 2021, 8, 210142.	1.1	1
153	A Convenient Wittig-Horner Mediated Synthesis of Vinylsulfide Derivatives of Indoles. <i>ChemistrySelect</i> , 2022, 7, .	0.7	1
154	A Modified Microcomplement Fixation Test for Antigen or Antibody Determination in Soluble Immune Complexes, Using Gel Filtration. <i>Immunological Investigations</i> , 1984, 13, 269-284.	0.9	0
155	Thioorthoesters in the Activated Pictet-Spengler Cyclization. Synthesis of 1-Thiosubstituted Tetrahydroisoquinolines and Carbon-Carbon Bond Formation via Sulfonyl Iminium Ions Generated from N,S-Sulfonyl Acetals. <i>ChemInform</i> , 2003, 34, no.	0.1	0
156	Synthesis and Antibiotic Activity of the Tricyclic Furo[3,2-c] Isochromen-2-trione Unit of the Pyranonaphthoquinones. <i>ChemInform</i> , 2004, 35, no.	0.1	0
157	Synthetic Pathways to Salsolidine. <i>ChemInform</i> , 2004, 35, no.	0.1	0
158	Synthetic Approaches to 2-Tetralones. <i>ChemInform</i> , 2004, 35, no.	0.1	0
159	Synthetic Approaches to Carnegine, a Simple Tetrahydroisoquinoline Alkaloid. <i>ChemInform</i> , 2005, 36, no.	0.1	0
160	The Quest for Quinine: Those Who Won the Battles and Those Who Won the War. <i>ChemInform</i> , 2005, 36, no.	0.1	0
161	Approaches to the Total Synthesis of Calycotomine, a Widespread 1-Hydroxymethyl-Substituted Simple Tetrahydroisoquinoline. <i>ChemInform</i> , 2005, 36, no.	0.1	0
162	Synthesis of Tricyclic Analogues of Stephaoxocanidine and Their Evaluation as Acetylcholinesterase Inhibitors. <i>ChemInform</i> , 2005, 36, no.	0.1	0

#	ARTICLE	IF	CITATIONS
163	A Multivariate Curve Resolution Approach to the Study of the Degradation Kinetics of Valsartan under Photolytic and Acid Conditions. <i>International Journal of Chemical Kinetics</i> , 2013, 45, 734-743.	1.0	0
164	Conjugation of Carbohydrates with Quinolines: A Powerful Synthetic Tool. <i>European Journal of Organic Chemistry</i> , 0, , .	1.2	0
165	Chemistry for Sustainable Development. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	0