

Teodoro S Kaufman

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ext. papers

3,188
ext. citations

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L-index

#	Paper	IF	Citations
155	The quest for quinine: those who won the battles and those who won the war. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 854-85	16.4	149
154	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	8.5	129
153	A novel chemometric strategy for the estimation of extra virgin olive oil adulteration with edible oils. <i>Food Control</i> , 2010 , 21, 890-895	6.2	114
152	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	3.2	85
151	Aptamine and related products. Their isolation, chemical syntheses, and biological activity. <i>Tetrahedron</i> , 2009 , 65, 4257-4282	2.4	72
150	Angular tricyclic benzofurans and related natural products of fungal origin. Isolation, biological activity and synthesis. <i>Natural Product Reports</i> , 2013 , 30, 941-69	15.1	68
149	The intermolecular Pictet-Spengler condensation with chiral carbonyl derivatives in the stereoselective syntheses of optically-active isoquinoline and indole alkaloids. <i>Arkivoc</i> , 2006 , 2006, 98-153 ⁹	6.9	67
148	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, 305-14	3.5	54
147	Pharmaceutical impurities and degradation products: uses and applications of NMR techniques. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 101, 102-22	3.5	52
146	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	2.4	45
145	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, 443-51	3.5	45
144	Synthesis and preliminary evaluation of 3-thiocyanato-1H-indoles as potential anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2016 , 118, 21-6	6.8	44
143	A formal total synthesis of the marine alkaloid aptamine. <i>Tetrahedron</i> , 2008 , 64, 5236-5245	2.4	43
142	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	3.2	39
141	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	5.1	39
140	Synthetic pathways to salsolidine. <i>Tetrahedron: Asymmetry</i> , 2004 , 15, 1203-1237		38
139	Computational Chemistry Driven Solution to Rubriflordilactone B. <i>Organic Letters</i> , 2016 , 18, 6420-6423	6.2	38

138	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	14.6	36
137	Die Jagd auf Chinin: Etappenerfolge und Gesamtsiege. <i>Angewandte Chemie</i> , 2005 , 117, 876-907	3.6	36
136	Synthetic approaches to carnegine, a simple tetrahydroisoquinoline alkaloid. <i>Tetrahedron</i> , 2004 , 60, 10575-10610	2.4	31
135	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	15.1	33
134	Synthetic approaches to 2-tetralones. <i>Tetrahedron</i> , 2004 , 60, 8295-8328	2.4	31
133	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, 1121-31	3.5	30
132	Approaches to the Total Synthesis of Calycotomine, a Widespread 1-Hydroxymethyl-Substituted Simple Tetrahydroisoquinoline. <i>Synthesis</i> , 2005 , 2005, 339-360	2.9	30
131	Studies on the intramolecular oxa-Pictet-Spengler rearrangement of 5-aryl-1,3-dioxolanes to 4-hydroxy-isochromans. <i>Tetrahedron Letters</i> , 2004 , 45, 411-415	2	29
130	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, 90-7	3.5	28
129	Chemometrics-assisted solid-state characterization of pharmaceutically relevant materials. Polymorphic substances. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 147, 518-537	3.5	26
128	Characterization of pharmaceutically relevant materials at the solid state employing chemometrics methods. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 147, 538-564	3.5	26
127	The 6 π zaelectrocyclization of azatrienes. Synthetic applications in natural products, bioactive heterocycles, and related fields. <i>Natural Product Reports</i> , 2019 , 36, 354-401	15.1	26
126	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, 4124-34	3.9	26
125	CellII-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	10	26
124	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	2	26
123	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, 253-66	6.8	25
122	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	2	25
121	Chemometrics-assisted simultaneous determination of atenolol and chlorthalidone in synthetic binary mixtures and pharmaceutical dosage forms. <i>Analytical and Bioanalytical Chemistry</i> , 2003 , 377, 1159-64	4.4	24

120	Mebendazole crystal forms in tablet formulations. An ATR-FTIR/chemometrics approach to polymorph assignment. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 122, 157-65	3.5	22
119	A convenient eco-friendly system for the synthesis of 5-sulfenyl tetrazole derivatives of indoles and pyrroles employing CeCl ₃ ·7H ₂ O in PEG-400. <i>RSC Advances</i> , 2014 , 4, 34519-34530	3.7	22
118	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, 141-7	6.6	22
117	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, 2949-55	4.4	22
116	Pictet-Spengler condensation of N-sulfonyl-β-phenethylamines with β-chloro-β-phenylselenoesters. New synthesis of 1,2,3,4-tetrahydroisoquinoline-1-carboxylates. <i>Tetrahedron Letters</i> , 1999 , 40, 4969-4972	2	22
115	Expedient Iodocyclization Approach Toward Polysubstituted 3H-Benzo[e]indoles. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 3255-3261	5.6	21
114	Electrocyclization-Mediated Approach to 2-Methyltriclisine, an Unnatural Analog of the Azafluoranthene Alkaloid Triclisine. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 4637-4645	3.2	21
113	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, 1923-7	5.7	21
112	Facile, efficient and eco-friendly synthesis of 5-sulfenyl tetrazole derivatives of indoles and pyrroles. <i>Tetrahedron Letters</i> , 2014 , 55, 1648-1652	2	20
111	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, 219-25	3.5	20
110	Elaboration of 1-benzoyltetrahydroisoquinoline derivatives employing a Pictet-Spengler cyclization with β-chloro-β-phenylthioketones. Synthesis of O-methylvelucryptine. <i>Tetrahedron Letters</i> , 2001 , 42, 8947-8950	2	20
109	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		20
108	Design, synthesis, and evaluation of A/C/D-ring analogs of the fungal metabolite K-76 as potential complement inhibitors. <i>Journal of Medicinal Chemistry</i> , 1995 , 38, 1437-45	8.3	20
107	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, 51-8	3.5	19
106	1-substituted beta-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, 3701-4	6.2	19
105	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, 1683-707	3	19
104	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	2	18
103	A theoretical study of the Duff reaction: insights into its selectivity. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 10496-10501	3.9	18

102	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 ,	1.5	18
101	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, 419-25	3.5	18
100	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	2	18
99	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	3.7	17
98	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	2	17
97	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, 187-93	6.5	16
96	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, 2625-369	3.9	15
95	The Oxa-Pictet-Spengler Cyclization: Synthesis of Isochromans and Related Pyran-Type Heterocycles. <i>Synthesis</i> , 2006 , 2006, 187-220	2.9	15
94	A Straightforward Synthesis of 5-Methylaaptamine from Eugenol, Employing a 6E Electrocyclization Reaction of a 1-Azatriene. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 1397-1404	3.2	15
93	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, 804-10	3.5	14
92	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, 2239-44	4.4	14
91	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, 5097-101	2.9	14
90	Synthesis of tricyclic analogs of stephalexanthine and their evaluation as acetylcholinesterase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005 , 15, 2711-5	2.9	14
89	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	1.7	14
88	Synthesis of Chromeno[4,3-b]pyrrol-4(1H)-ones, from α -Nitroalkenes and 4-Phenylaminocoumarins, under Solvent-Free Conditions. <i>ChemistrySelect</i> , 2017 , 2, 1297-1304	1.8	13
87	Activity of the pterophyllins 2 and 4 against postharvest fruit pathogenic fungi. Comparison with a synthetic analog and related intermediates. <i>Fitoterapia</i> , 2018 , 125, 98-105	3.2	13
86	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	3.7	13
85	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	3.5	13

84	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, 6172-5	2.9	13
83	Synthesis of the Carbon Framework of the Stephaoxocanes Employing a Sequential RCM/Pomeranz-Britsch Approach. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 5284-5293	3.2	13
82	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, 1151-60	3.5	13
81	Synthesis and complement inhibitory activity of B/C/D-ring analogues of the fungal metabolite 6,7-diformyl-3',4',4a',5',6',7',8',8a'-octahydro-4,6',7'-trihydroxy-2',5',5',8a'-tetramethylspiro[1'(2'H)-naphthalene-2(3H)-benzofuran]. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 1027-1037	8.3	13
80	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, 1711-4	4.4	13
79	Sulfonamidoacetal Cyclization-based Synthesis of a Tetrahydrooxazaphenalenelactone Related to the ABC-Ring System of the Stephaoxocanes. <i>Heterocycles</i> , 2001 , 55, 323	0.8	13
78	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	1.3	12
77	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		12
76	Efficient total synthesis of neocryptolepine and synthetic access to 6-methylquinindoline from a common intermediate. <i>RSC Advances</i> , 2017 , 7, 28298-28307	3.7	11
75	SeCl-Mediated Approach Toward Indole-Containing Polysubstituted Selenophenes. <i>Journal of Organic Chemistry</i> , 2018 , 83, 3252-3264	4.2	11
74	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	0.9	11
73	Isolation, synthesis and complement inhibiting activity of the naturally occurring K-76, its analogues and derivatives. <i>Arkivoc</i> , 2011 , 2011, 49-102	0.9	11
72	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	3.5	11
71	Total syntheses of gerberinol I and the pterophyllins 2 and 4 using the Casnati-Skatteb \ddot{u} reaction under different conditions. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 7040-7049	3.9	10
70	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	6.6	9
69	Modulators of complement activation: a patent review (2008 - 2013). <i>Expert Opinion on Therapeutic Patents</i> , 2014 , 24, 665-86	6.8	9
68	Synthesis of (Diphenylphosphinoyl)methyl Vinyl Sulfides, Symmetric and Asymmetric Divinyl Sulfides from Bis[(diphenylphosphinoyl)methyl] Sulfide. <i>Synthesis</i> , 2011 , 2011, 1233-1242	2.9	9
67	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	2.4	9

66	Thiophenol-mediated improvement of the Pictet-Spengler cyclization of N-tosyl- β -phenethylamines with aldehydes. <i>Tetrahedron Letters</i> , 2006 , 47, 7545-7549	2	9
65	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	2.9	9
64	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	3.7	8
63	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	3.6	8
62	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	6.2	8
61	Synthesis of optically active 1,2,3-trisubstituted azetidines employing an organocatalytic approach with L-proline. <i>Tetrahedron Letters</i> , 2013 , 54, 1924-1927	2	8
60	Synthesis and photophysical characterization of novel β -conjugated vinyl sulfides. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2014 , 290, 1-10	4.7	8
59	Carbonyl transposition of β -hydroxyamidals mediated by triphenylphosphine-iodine. A new entry to tetrahydroisoquinolin-4-ones. <i>Tetrahedron Letters</i> , 1998 , 39, 3409-3412	2	8
58	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	2	8
57	Synthesis of 3-Substituted Tetrahydroisoquinolines via Nucleophilic Addition to N-Tosyliminium Ions. <i>Synlett</i> , 1995 , 1995, 1149-1150	2.2	8
56	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		8
55	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	3	7
54	Isolation, Synthesis, and Biological Activity of Quindoline, a Valuable β -Indoloquinoline Natural Product and Useful Key Intermediate \square <i>Synthesis</i> , 2018 , 50, 1417-1429	2.9	7
53	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	3.9	7
52	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	1.3	7
51	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, 213-20	3.5	7
50	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	1.3	7
49	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, 757-60	2.9	7

- 48 A tosyliminium ion-based total synthesis of (±)-schefferine. *Canadian Journal of Chemistry*, **2000**, 78, 1165-1169
- 47 Alternate and Improved Synthesis of the Cactus Alkaloid Arizonine. *Synthetic Communications*, **1992**, 22, 1913-1921 1.7 7
- 46 Furo[3,2-]coumarins carrying carbon substituents at C-2 and/or C-3. Isolation, biological activity, synthesis and reaction mechanisms.. *RSC Advances*, **2020**, 10, 33344-33377 3.7 7
- 45 Wittig-Borner mediated synthesis of 4-vinyl sulfide derivatives of pyrazoles. *Tetrahedron Letters*, **2016**, 57, 3349-3353 2 6
- 44 Preparation and Physical Characterization of a Diclofenac-Ranitidine Co-precipitate for Improving the Dissolution of Diclofenac. *Journal of Pharmaceutical Sciences*, **2016**, 105, 1258-68 3.9 6
- 43 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 3.3 6
- 42 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 6.8 6
- 41 Multivariate Optimization and Validation of a CZE Method for the Analysis of Pridinol Mesylate and Meloxicam in Tablets. *Chromatographia*, **2011**, 74, 609-617 2.1 6
- 40 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 0.9 6
- 39 Synthesis and ¹³C nuclear magnetic resonance spectral analysis of some diterpenoids related to the cleistanthane type hydrocarbon isolated from *Amphibolis antarctica*. *Canadian Journal of Chemistry*, **1987**, 65, 2024-2026 0.9 6
- 38 Total Synthesis and Cytotoxic Activity of 6,8-Dimethoxy-1,3-dimethylisoquinoline Isolated from *Ancistrocladus tectorius*: A 6E-Azaelectrocyclization Approach. *Synthesis*, **2019**, 51, 433-440 2.9 6
- 37 Synthesis and evaluation of aromatic methoxime derivatives against five postharvest phytopathogenic fungi of fruits. Main structure-activity relationships. *Food Chemistry*, **2020**, 321, 126701 8.5 5
- 36 Chemometrics-assisted study of the interconversion between the crystalline forms of nimodipine. *Journal of Pharmaceutical and Biomedical Analysis*, **2018**, 158, 461-470 3.5 5
- 35 Polysubstituted Isochroman Derivatives with Plant Growth Regulating Properties on Wheat (*Triticum aestivum* L. cv Klein Escorpion). *Journal of Plant Growth Regulation*, **2006**, 25, 332-338 4.7 5
- 34 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 2.1 5
- 33 Expedient Approach to 6-Bromo-2-isopropylidencoumaranone, a Potential Intermediate for the Synthesis of TMC-120B, Pseudodeflectusin, and Their Congeners. *Helvetica Chimica Acta*, **2016**, 99, 398-404 2.0 4
- 32 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 1.5 4
- 31 A short and efficient synthesis of grisan. *Journal of Heterocyclic Chemistry*, **1989**, 26, 879-881 1.9 4

30	Efficient synthesis of 4-sulfanylcoumarins from 3-bromo-coumarins a highly selective DABCO-mediated one-pot thia-Michael addition/elimination process.. <i>RSC Advances</i> , 2019 , 10, 482-491	3.7	4
29	A comprehensive approach toward concomitant triclofenazole polymorphism in pharmaceutical products. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 62, 102386	4.5	4
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