Teodoro S Kaufman

List of Publications by Year in Descending Order

155 papers	2,787 citations	26 h-index	42 g-index
192 ext. papers	3,188 ext. citations	3.6 avg, IF	5.51 L-index

#	Paper	IF	Citations
155	Synthesis and evaluation of photophysical and electrochemical properties of vinyl chalcogenide derivatives of phenothiazines. *Dyes and Pigments*, **2022**, 198, 109982	4.6	0
154	Form quantitation in desmotropic mixtures of albendazole bulk drug by chemometrics-assisted analysis of vibrational spectra. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2022**, 265, 120354	4.4	1
153	A comprehensive approach toward concomitant triclabendazole polymorphism in pharmaceutical products. *Journal of Drug Delivery Science and Technology*, **2021**, 62, 102386	4.5	4
152	Thermal decomposition of hexamethylenetetramine: mechanistic study and identification of reaction intermediates via a computational and NMR approach. *Organic and Biomolecular Chemistry*, **2021**, 19, 7374-7378	3.9	0
151	First total synthesis of chromanone A, preparation of related compounds and evaluation of their antifungal activity against , a biofilm forming agent.. *RSC Advances*, **2021**, 11, 19587-19597	3.7	3
150	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. *Heliyon*, **2021**, 7, e06436	3.6	0
149	Eco-friendly methoximation of aromatic aldehydes and ketones using MnCl.4HO as an easily accessible and efficient catalyst. *Royal Society Open Science*, **2021**, 8, 210142	3.3	
148	Evolution of the Synthesis of Remdesivir. Classical Approaches and Most Recent Advances. *ACS Omega*, **2021**, 6, 19356-19363	3.9	2
147	Isolation and synthesis of cryptosanguinolentine (isocryptolepine), a naturally-occurring bioactive indoloquinoline alkaloid.. *RSC Advances*, **2020**, 10, 18978-19002	3.7	3
146	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
145	Rhodium(III)-Catalyzed C–H Activation-Based First Total Synthesis of 6-O-Methyl Anciscochine, an Alkaloid Isolated from Ancistrocladus tectorius. *Synthesis*, **2020**, 52, 119-126	2.9	1
144	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
143	Concise Synthesis of the ABC-Ring System of the Azafluoranthene, Tropoisoquinoline and Proaporphine Alkaloids: An Olefin Hydroacylation/Pomeranz–Fritsch Cyclization Approach. *Synthesis*, **2019**, 51, 2030-2038	2.9	3
142	A Convenient and Atom-Economic One-Pot Selenium-Chloride-Mediated Synthesis of 2-Arylselenopheno[2,3-b]indoles and Their Antifungal Activity. *Asian Journal of Organic Chemistry*, **2019**, 8, 369-375	3	7
141	A concise Friedländer/Buchwald–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	3.6	8
140	Synthesis and Antifungal Activity of 4- and 6-(1H-Pyrrol-1-yl) Coumarins, and their Thiocyanato Derivatives. *ChemistrySelect*, **2019**, 4, 5398-5406	1.8	3
139	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. *Synthesis*, **2019**, 51, 2965-2976	2.9	1

138	The 6π-azaelectrocyclization of azatrienes. Synthetic applications in natural products, bioactive heterocycles, and related fields. *Natural Product Reports*, **2019**, 36, 354-401	15.1	26
137	Convergent First Total Synthesis of Melovinone: A Densely Substituted 3-Methoxy-4-quinolone Isolated from Melochia tomentosa L.. *Synthesis*, **2019**, 51, 4253-4262	2.9	2
136	A Ruthenium-Catalyzed C–H Activation Strategy as an Efficient Shortcut in the Total Synthesis of 6,8-Dimethoxy-1,3-dimethyl-isoquinoline. *Synthesis*, **2019**, 51, 3908-3914	2.9	2
135	Efficient synthesis of 4-sulfanylcoumarins from 3-bromo-coumarins a highly selective DABCO-mediated one-pot thia-Michael addition/elimination process.. *RSC Advances*, **2019**, 10, 482-491	3.7	4
134	First total synthesis of ampullosine, a unique isoquinoline alkaloid isolated from , and of the related permethylampullosine.. *RSC Advances*, **2019**, 9, 33096-33106	3.7	3
133	Total Synthesis and Cytotoxic Activity of 6,8-Dimethoxy-1,3-dimethylisoquinoline Isolated from Ancistrocladus tectorius: A 6π-Azaelectrocyclization Approach. *Synthesis*, **2019**, 51, 433-440	2.9	6
132	Isolation, Synthesis, and Biological Activity of Quindoline, a Valuable Indoloquinoline Natural Product and Useful Key Intermediate. *Synthesis*, **2018**, 50, 1417-1429	2.9	7
131	SeCl-Mediated Approach Toward Indole-Containing Polysubstituted Selenophenes. *Journal of Organic Chemistry*, **2018**, 83, 3252-3264	4.2	11
130	Activity of the pterophyllins 2 and 4 against postharvest fruit pathogenic fungi. Comparison with a synthetic analog and related intermediates. *Fitoterapia*, **2018**, 125, 98-105	3.2	13
129	Chemometrics-assisted solid-state characterization of pharmaceutically relevant materials. Polymorphic substances. *Journal of Pharmaceutical and Biomedical Analysis*, **2018**, 147, 518-537	3.5	26
128	Characterization of pharmaceutically relevant materials at the solid state employing chemometrics methods. *Journal of Pharmaceutical and Biomedical Analysis*, **2018**, 147, 538-564	3.5	26
127	Total Synthesis of Waltherione F, a Nonrutaceous 3-Methoxy-4-quinolone, Isolated from Waltheria indica L. F. *Organic Letters*, **2018**, 20, 5058-5061	6.2	8
126	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
125	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
124	Synthesis of Polysubstituted 3-Methylisoquinolines through the 6π-Electron Cyclization/Elimination of 1-Azatrienes derived from 1,1-Dimethylhydrazine. *European Journal of Organic Chemistry*, **2018**, 2018, 5605-5614	3.2	4
123	First total synthesis of the only known 2-isopropyliden-2H-benzofuran-3-one isolated from V. luetzelburgii. *RSC Advances*, **2017**, 7, 5242-5250	3.7	8
122	Convenient Michael addition/-elimination approach to the synthesis of 4-benzyl- and 4-aryl-selenyl coumarins using diselenides as selenium sources. *Tetrahedron Letters*, **2017**, 58, 985-990	2	18
121	Synthesis of Chromeno[4,3-b]pyrrol-4(1H)-ones, from -Nitroalkenes and 4-Phenylaminocoumarins, under Solvent-free Conditions. *ChemistrySelect*, **2017**, 2, 1297-1304	1.8	13

120	Efficient total synthesis of neocryptolepine and synthetic access to 6-methylquinindoline from a common intermediate. *RSC Advances*, **2017**, 7, 28298-28307	3.7	11
119	Total syntheses of gerberinol I and the pterophyllins 2 and 4 using the Casnati-Skattebøl reaction under different conditions. *Organic and Biomolecular Chemistry*, **2017**, 15, 7040-7049	3.9	10
118	A theoretical study of the Duff reaction: insights into its selectivity. *Organic and Biomolecular Chemistry*, **2016**, 14, 10496-10501	3.9	18
117	Expedient Approach to 6-Bromo-2-isopropylidenecoumaranone, a Potential Intermediate for the Synthesis of TMC-120B, Pseudodeflectusin, and Their Congeners. *Helvetica Chimica Acta*, **2016**, 99, 398-404	2	4
116	Wittig–Horner mediated synthesis of 4-vinyl sulfide derivatives of pyrazoles. *Tetrahedron Letters*, **2016**, 57, 3349-3353	2	6
115	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, 2625-36	3.9	15
114	Mebendazole crystal forms in tablet formulations. An ATR-FTIR/chemometrics approach to polymorph assignment. *Journal of Pharmaceutical and Biomedical Analysis*, **2016**, 122, 157-65	3.5	22
113	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
112	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	3.5	11
111	A Straightforward Synthesis of 5-Methylaaptamine from Eugenol, Employing a 6π-Electrocyclization Reaction of a 1-Azatriene. *European Journal of Organic Chemistry*, **2016**, 2016, 1397-1404	3.3	15
110	Computational Chemistry Driven Solution to Rubriflordilactone B. *Organic Letters*, **2016**, 18, 6420-6423	6.2	38
109	Synthesis and preliminary evaluation of 3-thiocyanato-1H-indoles as potential anticancer agents. *European Journal of Medicinal Chemistry*, **2016**, 118, 21-6	6.8	44
108	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	15.1	33
107	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	6.6	9
106	Alternate and Step-Economic Synthesis of the β-Methylstyrene Chelating Pre-ligand of the Hoveyda-Grubbs II Catalyst. *Organic Preparations and Procedures International*, **2015**, 47, 227-231	1.1	2
105	Expedient Iodocyclization Approach Toward Polysubstituted 3H-Benzo[e]indoles. *Advanced Synthesis and Catalysis*, **2015**, 357, 3255-3261	5.6	21
104	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**,	1.5	18
103	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, 419-25	3.5	18

102	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	3.7	13
101	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, 1683-707	3	19
100	Facile, efficient and eco-friendly synthesis of 5-sulfenyl tetrazole derivatives of indoles and pyrroles. *Tetrahedron Letters*, **2014**, 55, 1648-1652	2	20
99	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, 90-7	3.5	28
98	Pharmaceutical impurities and degradation products: uses and applications of NMR techniques. *Journal of Pharmaceutical and Biomedical Analysis*, **2014**, 101, 102-22	3.5	52
97	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, 253-66	6.8	25
96	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	3.7	17
95	Neocryptolepine (Cryprotackieine), A Unique Bioactive Natural Product: Isolation, Synthesis, and Profile of Its Biological Activity. *European Journal of Organic Chemistry*, **2014**, 2014, 7979-8003	3.2	39
94	A facile and convenient sequential homobimetallic catalytic approach towards -methylstyrenes. A one-pot Stille cross-coupling/isomerization strategy. *Organic and Biomolecular Chemistry*, **2014**, 12, 3735-43	3.9	7
93	A convenient eco-friendly system for the synthesis of 5-sulfenyl tetrazole derivatives of indoles and pyrroles employing CeCl3 7H2O in PEG-400. *RSC Advances*, **2014**, 4, 34519-34530	3.7	22
92	Modulators of complement activation: a patent review (2008 - 2013). *Expert Opinion on Therapeutic Patents*, **2014**, 24, 665-86	6.8	9
91	Synthesis and photophysical characterization of novel -conjugated vinyl sulfides. *Journal of Photochemistry and Photobiology A: Chemistry*, **2014**, 290, 1-10	4.7	8
90	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, 213-20	3.5	7
89	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*	1.3	7
88	Modular CeCl3 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	2.4	45
87	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, 51-8	3.5	19
86	Synthesis of optically active 1,2,3-trisubstituted azetidines employing an organocatalytic approach with l-proline. *Tetrahedron Letters*, **2013**, 54, 1924-1927	2	8
85	Angular tricyclic benzofurans and related natural products of fungal origin. Isolation, biological activity and synthesis. *Natural Product Reports*, **2013**, 30, 941-69	15.1	68

84	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	14.6	36
83	Synthesis of the unique angular tricyclic chromone structure proposed for aspergillitine, and its relationship with alkaloid TMC-120B. *Organic and Biomolecular Chemistry*, **2012**, 10, 4124-34	3.9	26
82	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
81	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	10	26
80	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	1.3	3
79	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	1.3	12
78	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
77	Characterization of two new potential impurities of Valsartan obtained under photodegradation stress condition. *Journal of Pharmaceutical and Biomedical Analysis*, **2011**, 56, 16-22	3.5	13
76	Synthesis of Oxacycles Employing the Oxa-Pictet–Spengler Reaction: Recent Developments and New Prospects. *European Journal of Organic Chemistry*, **2011**, 2011, 5195-5231	3.2	85
75	Synthesis of (Diphenylphosphinoyl)methyl Vinyl Sulfides, Symmetric and Asymmetric Divinyl Sulfides from Bis[(diphenylphosphinoyl)methyl] Sulfide. *Synthesis*, **2011**, 2011, 1233-1242	2.9	9
74	Isolation, synthesis and complement inhibiting activity of the naturally occurring K-76, its analogues and derivatives. *Arkivoc*, **2011**, 2011, 49-102	0.9	11
73	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	1.3	7
72	A novel chemometric strategy for the estimation of extra virgin olive oil adulteration with edible oils. *Food Control*, **2010**, 21, 890-895	6.2	114
71	Synthesis of 2-diphenylphosphinoyl-3,5-diaryl-3,4-dihydro-2H-telluropyrans by reaction of chalcones with bis[(diphenylphosphinoyl)methyl]telluride. *Tetrahedron Letters*, **2010**, 51, 4563-4565	2	1
70	Electrocyclization-Mediated Approach to 2-Methyltriclisine, an Unnatural Analog of the Azafluoranthene Alkaloid Triclisine. *European Journal of Organic Chemistry*, **2009**, 2009, 4637-4645	3.2	21
69	Aaptamine and related products. Their isolation, chemical syntheses, and biological activity. *Tetrahedron*, **2009**, 65, 4257-4282	2.4	72
68	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, 187-93	6.5	16
67	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	8.5	129

66	New inhibitors of the complement system inspired in K76-COOH. A SAR study of filifolinol derivatives through modifications of the C3' position. *Bioorganic and Medicinal Chemistry Letters*, **2009**, 19, 6172-5	2.9	13
65	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, 141-7	6.6	22
64	A new principal component analysis-based approach for testing "similarity" of drug dissolution profiles. *European Journal of Pharmaceutical Sciences*, **2008**, 34, 66-77	5.1	39
63	A multivariate approach for the simultaneous determination of losartan potassium and hydrochlorothiazide in a combined pharmaceutical tablet formulation. *Analytical and Bioanalytical Chemistry*, **2008**, 391, 2949-55	4.4	22
62	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, 219-25	3.5	20
61	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, 1151-60	3.5	13
60	A formal total synthesis of the marine alkaloid aaptamine. *Tetrahedron*, **2008**, 64, 5236-5245	2.4	43
59	A combined RCM-Bischler□apieralski strategy towards the synthesis of the carbon skeleton of excentricine and related stephaoxocanes. *Tetrahedron*, **2008**, 64, 9921-9927	2.4	9
58	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	2	8
57	Synthesis of the Carbon Framework of the Stephaoxocanes Employing a Sequential RCM/Pomeranz□ritsch Approach. *European Journal of Organic Chemistry*, **2007**, 2007, 5284-5293	3.2	13
56	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, 804-10	3.5	14
55	PLS and first derivative of ratio spectra methods for determination of hydrochlorothiazide and propranolol hydrochloride in tablets. *Analytical and Bioanalytical Chemistry*, **2006**, 386, 2239-44	4.4	14
54	The Oxa-Pictet-Spengler Cyclization: Synthesis of Isochromans and Related Pyran-Type Heterocycles. *Synthesis*, **2006**, 2006, 187-220	2.9	15
53	Economical and Convenient Carbonyl Transposition Approach Toward a 2-Arylcycloheptanone Derivative. *Synthetic Communications*, **2006**, 36, 299-310	1.7	3
52	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
51	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	0.9	67
50	Synthesis of 3H-spiro[benzofuran-2,1'-cyclohexane] derivatives from naturally occurring filifolinol and their classical complement pathway inhibitory activity. *Bioorganic and Medicinal Chemistry Letters*, **2006**, 16, 5097-101	2.9	14
49	Thiophenol-mediated improvement of the Pictet□pengler cyclization of N-tosyl-□phenethylamines with aldehydes. *Tetrahedron Letters*, **2006**, 47, 7545-7549	2	9

48	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
47	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. *Organic Letters*, **2005**, 7, 3701-4	6.2	19
46	The quest for quinine: those who won the battles and those who won the war. *Angewandte Chemie - International Edition*, **2005**, 44, 854-85	16.4	149
45	Die Jagd auf Chinin: Etappenerfolge und Gesamtsiege. *Angewandte Chemie*, **2005**, 117, 876-907	3.6	36
44	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, 1711-4	4.4	13
43	Synthesis of tricyclic analogs of stephaoxocanidine and their evaluation as acetylcholinesterase inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2005**, 15, 2711-5	2.9	14
42	Approaches to the Total Synthesis of Calycotomine, a Widespread 1-Hydroxymethyl-Substituted Simple Tetrahydroisoquinoline. *Synthesis*, **2005**, 2005, 339-360	2.9	30
41	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, 757-60	2.9	7
40	Chemometric determination of amiloride hydrochloride, atenolol, hydrochlorothiazide and timolol maleate in synthetic mixtures and pharmaceutical formulations. *Journal of Pharmaceutical and Biomedical Analysis*, **2004**, 34, 305-14	3.5	54
39	Synthetic pathways to salsolidine. *Tetrahedron: Asymmetry*, **2004**, 15, 1203-1237		38
38	Studies on the intramolecular oxa-Pictet–Spengler rearrangement of 5-aryl-1,3-dioxolanes to 4-hydroxy-isochromans. *Tetrahedron Letters*, **2004**, 45, 411-415	2	29
37	Synthetic approaches to 2-tetralones. *Tetrahedron*, **2004**, 60, 8295-8328	2.4	31
36	Synthetic approaches to carnegine, a simple tetrahydroisoquinoline alkaloid. *Tetrahedron*, **2004**, 60, 10575-10610	2.4	34
35	Synthesis of 4-hydroxy-7,8-dimethoxyisochroman-3-one and its plant growth-regulating properties on tobacco (Nicotiana tabacum cv. Petit Havana). *Journal of Agricultural and Food Chemistry*, **2004**, 52, 1923-7	5.7	21
34	Chemometrics-assisted simultaneous determination of atenolol and chlorthalidone in synthetic binary mixtures and pharmaceutical dosage forms. *Analytical and Bioanalytical Chemistry*, **2003**, 377, 1159-64	4.4	24
33	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. *Tetrahedron Letters*, **2003**, 44, 6137-6140	2	18
32	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]. *Journal of Medicinal Chemistry*, **2003**, 46, 2697-705	8.3	13
31	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	0.9	11

30	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, 1121-31	3.5	30
29	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, 443-51	3.5	45
28	Elaboration of 1-benzoyltetrahydroisoquinoline derivatives employing a Pictet□Spengler cyclization with □-chloro-□-phenylthioketones. Synthesis of O-methylvelucryptine. *Tetrahedron Letters*, **2001**, 42, 8947-8950	2	20
27	Sulfonamidoacetal Cyclization-based Synthesis of a Tetrahydrooxazaphenalenelactone Related to the ABC-Ring System of the Stephaoxocanes. *Heterocycles*, **2001**, 55, 323	0.8	13
26	Elaboration of the Isochromane System of Stephaoxocanes Employing an Oxa-Pictet Spengler Type Cyclization. *Molecules*, **2000**, 5, 493-494	4.8	3
25	A tosyliminium ion-based total synthesis of (□)-schefferine. *Canadian Journal of Chemistry*, **2000**, 78, 1165-1169	5.1	7
24	Pictet-Spengler condensation of N-sulfonyl-□phenethylamines with □-chloro-□-phenylselenoesters. New synthesis of 1,2,3,4-tetrahydroisoquinoline-1-carboxylates. *Tetrahedron Letters*, **1999**, 40, 4969-4972	2	22
23	Carbonyl transposition of □-hydroxyamidals mediated by triphenylphosphine-iodine. A new entry to tetrahydroisoquinolin-4-ones. *Tetrahedron Letters*, **1998**, 39, 3409-3412	2	8
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21	A TRIPHOSGENE-BASED SYNTHESIS OF (S)-□,□-DIPHENYL-2-PYRROLIDINEMETHANOL. *Organic Preparations and Procedures International*, **1996**, 28, 487-490	1.1	3
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