

# Stephen F Martin

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

271  
papers

13,163  
citations

59  
h-index

97  
g-index

310  
ext. papers

14,185  
ext. citations

6.1  
avg, IF

6.7  
L-index

#	Paper	IF	Citations
271	Concise stereoselective and stereodivergent syntheses of (±)-melicolones A and B. <i>Tetrahedron</i> , <b>2022</b> , 103, 132551	2.4	
270	Design, Synthesis and Evaluation of Novel Carbazole-Derived Photocages.. <i>Chemistry - A European Journal</i> , <b>2022</b> , e202200311	4.8	0
269	Preparation of novel analogs of 2-arylpiperidines and evaluation of their sigma receptor binding affinities.. <i>European Journal of Medicinal Chemistry</i> , <b>2022</b> , 235, 114310	6.8	0
268	Biomimetically Inspired, One-Step Synthesis of Exotine A and Exotine B. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 10946-10953	4.2	2
267	Tandem vinylogous Mannich and hetero Diels-Alder reactions: Concise total synthesis of (±)-Alstoscholarisine E. <i>Tetrahedron</i> , <b>2021</b> , 89, 132150	2.4	
266	The Sigma-2 receptor / transmembrane protein 97 (σ <sub>2</sub> R/TMEM97) modulator JVW-1034 reduces heavy alcohol drinking and associated pain states in male mice. <i>Neuropharmacology</i> , <b>2021</b> , 184, 108409	5.5	9
265	Novel substituted triazolo benzodiazepine scaffolds to explore chemical space. <i>Tetrahedron Letters</i> , <b>2021</b> , 66, 152828	2	3
264	Some thermodynamic effects of varying nonpolar surfaces in protein-ligand interactions. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 208, 112771	6.8	1
263	Design, Synthesis, and Evaluation of Novel Anti-Trypanosomal Compounds. <i>Tetrahedron</i> , <b>2020</b> , 76,	2.4	6
262	Facile entry to substituted 2-arylpiperidines via an aza-Sakurai reaction. <i>Tetrahedron Letters</i> , <b>2020</b> , 61, 151777	2	3
261	Structure-thermodynamics-relationships of hepatitis C viral NS3 protease inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 192, 112195	6.8	2
260	Stereoselective Total Synthesis of (±)-Alstoscholarisine E. <i>Organic Letters</i> , <b>2020</b> , 22, 786-790	6.2	10
259	Total Syntheses of (±)-Melicolones A and B. <i>Organic Letters</i> , <b>2020</b> , 22, 9071-9074	6.2	9
258	Diversity-Oriented Synthesis of Bioactive Azaspirocycles. <i>Tetrahedron</i> , <b>2019</b> , 75, 130637	2.4	8
257	Neuroprotective Efficacy of a Sigma 2 Receptor/TMEM97 Modulator (DKR-1677) after Traumatic Brain Injury. <i>ACS Chemical Neuroscience</i> , <b>2019</b> , 10, 1595-1602	5.7	30
256	Toward the total synthesis of citreamicin – Synthesis of the pentacyclic core and GAB-ring annelation model studies. <i>Tetrahedron</i> , <b>2018</b> , 74, 4981-4993	2.4	5
255	Synthetic Analogues of the Snail Toxin 6-Bromo-2-mercaptotryptamine Dimer (BrMT) Reveal That Lipid Bilayer Perturbation Does Not Underlie Its Modulation of Voltage-Gated Potassium Channels. <i>Biochemistry</i> , <b>2018</b> , 57, 2733-2743	3.2	13

254	Concise approach to the syntheses of (±)-gliocladin C and related diketopiperazine alkaloids. <i>Tetrahedron</i> , <b>2018</b> , 74, 3329-3338	2.4	6
253	Synthesis of (+)-Disparlure via Enantioselective Iodolactonization. <i>Organic Letters</i> , <b>2018</b> , 20, 1269-1271	6.2	10
252	High-Content Microfluidic Screening Platform Used To Identify $\mu$ R/Tmem97 Binding Ligands that Reduce Age-Dependent Neurodegeneration in <i>C. elegans</i> SC_APP Model. <i>ACS Chemical Neuroscience</i> , <b>2018</b> , 9, 1014-1026	5.7	16
251	Teaching through Research: Alignment of Core Chemistry Competencies and Skills within a Multidisciplinary Research Framework. <i>Journal of Chemical Education</i> , <b>2018</b> , 95, 248-258	2.4	12
250	Enantioselective Synthesis of F-Ring Fragments of Kibdelone C via Desymmetrizing Bromolactonization of 1,4-Dihydrobenzoic Acid. <i>Synlett</i> , <b>2018</b> , 29, 430-432	2.2	4
249	Enantioselective Halolactonization Reactions using BINOL-Derived Bifunctional Catalysts: Methodology, Diversification, and Applications. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 5954-5968	4.2	18
248	Small molecule modulators of $\mu$ R/Tmem97 reduce alcohol withdrawal-induced behaviors. <i>Neuropsychopharmacology</i> , <b>2018</b> , 43, 1867-1875	8.7	24
247	Investigating isoindoline, tetrahydroisoquinoline, and tetrahydrobenzazepine scaffolds for their sigma receptor binding properties. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 151, 557-567	6.8	16
246	Biomimetically Inspired Synthesis of Exotine A. <i>Organic Letters</i> , <b>2018</b> , 20, 7875-7878	6.2	6
245	Synthesis of the Pentacyclic Core of Citreamicin. <i>Organic Letters</i> , <b>2017</b> , 19, 790-793	6.2	10
244	Syntheses of Gliocladin C and Related Alkaloids. <i>Organic Letters</i> , <b>2017</b> , 19, 2254-2257	6.2	17
243	Identification of the gene that codes for the $\mu$ receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 7160-7165	11.5	160
242	Norbenzomorphan Scaffold: Chemical Tool for Modulating Sigma Receptor-Subtype Selectivity. <i>ACS Medicinal Chemistry Letters</i> , <b>2017</b> , 8, 455-460	4.3	21
241	Differentially Substituted Phosphines via Decarbonylation of Acylphosphines. <i>Organic Letters</i> , <b>2017</b> , 19, 1808-1811	6.2	36
240	Small molecule modulator of sigma 2 receptor is neuroprotective and reduces cognitive deficits and neuroinflammation in experimental models of Alzheimer's disease. <i>Journal of Neurochemistry</i> , <b>2017</b> , 140, 561-575	6	66
239	Natural Products and Their Mimics as Targets of Opportunity for Discovery. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 10757-10794	4.2	16
238	Sigma 2 Receptor/Tmem97 Agonists Produce Long Lasting Antineuropathic Pain Effects in Mice. <i>ACS Chemical Neuroscience</i> , <b>2017</b> , 8, 1801-1811	5.7	53
237	Norbenzomorphan Framework as a Novel Scaffold for Generating Sigma 2 Receptor/PGRMC1 Subtype-Selective Ligands. <i>ChemMedChem</i> , <b>2016</b> , 11, 556-61	3.7	18

236	4-(Phenylazo)diphenylamine (PDA): a universal indicator for the colorimetric titration of strong bases, Lewis acids, and hydride reducing agents. <i>Tetrahedron Letters</i> , <b>2015</b> , 56, 3674-3678	2	7
235	Diastereoselective addition of monoorganocuprates to a chiral fumarate: reaction development and synthesis of (-)-dihydroprotolichesterinic acid. <i>Tetrahedron</i> , <b>2015</b> , 71, 6361-6368	2.4	2
234	Applications of Ring Closing Metathesis. Total Synthesis of (±)-Pseudotabersonine. <i>Tetrahedron</i> , <b>2015</b> , 71, 7323-7331	2.4	14
233	Approaches to polycyclic 1,4-dioxygenated xanthenes. Application to total synthesis of the aglycone of IB-00208. <i>Organic Letters</i> , <b>2015</b> , 17, 114-7	6.2	16
232	Total Synthesis of the Aglycone of IB-00208. <i>Tetrahedron</i> , <b>2015</b> , 71, 5741-5757	2.4	17
231	Concise total synthesis of (±)-actinophyllic acid. <i>Tetrahedron</i> , <b>2014</b> , 70, 4094-4104	2.4	22
230	Evolution of a strategy for preparing bioactive small molecules by sequential multicomponent assembly processes, cyclizations, and diversification. <i>Organic and Biomolecular Chemistry</i> , <b>2014</b> , 12, 7659-7722	3.9	37
229	Multicomponent, Mannich-type assembly process for generating novel, biologically-active 2-arylpiperidines and derivatives. <i>Tetrahedron</i> , <b>2014</b> , 70, 7142-7157	2.4	13
228	Enantioselective total syntheses of citrinadins A and B. Stereochemical revision of their assigned structures. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 14184-92	16.4	49
227	Protein-ligand interactions: probing the energetics of a putative cation-π interaction. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2014</b> , 24, 3164-7	2.9	14
226	Enantioselective total synthesis of (-)-citrinadin A and revision of its stereochemical structure. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 10886-9	16.4	76
225	Synthesis of (±)-actinophyllic acid and analogs: applications of cascade reactions and diverted total synthesis. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 12984-6	16.4	58
224	Strategies for the Synthesis of Alkaloids and Novel Nitrogen Heterocycles. <i>Advances in Heterocyclic Chemistry</i> , <b>2013</b> , 73-117	2.4	11
223	Asymmetric Formal Total Synthesis of the Stemofoline Alkaloids: The Evolution, Development and Application of a Catalytic Dipolar Cycloaddition Cascade. <i>Tetrahedron</i> , <b>2013</b> , 69, 7592-7607	2.4	16
222	Studies toward welwitindolinones: formal syntheses of -methylwelwitindolinone C isothiocyanate and related natural products. <i>Tetrahedron</i> , <b>2013</b> , 69, 5588-5603	2.4	25
221	Correlating structure and energetics in protein-ligand interactions: paradigms and paradoxes. <i>Annual Review of Biochemistry</i> , <b>2013</b> , 82, 267-93	29.1	58
220	Protein-Ligand Interactions: Thermodynamic Effects Associated with Increasing the Length of an Alkyl Chain. <i>ACS Medicinal Chemistry Letters</i> , <b>2013</b> , 4,	4.3	9
219	Multicomponent assembly processes for the synthesis of diverse yohimbine and corynanthe alkaloid analogues. <i>ACS Combinatorial Science</i> , <b>2013</b> , 15, 379-86	3.9	23

218	Diversity Oriented Synthesis: Concise Entry to Novel Derivatives of Yohimbine and Corynanthe Alkaloids. <i>Tetrahedron Letters</i> , <b>2012</b> , 53, 477-479	2	13
217	Formal syntheses of naturally occurring welwitindolinones. <i>Organic Letters</i> , <b>2012</b> , 14, 3834-7	6.2	43
216	Enantioselective iodolactonization of disubstituted olefinic acids using a bifunctional catalyst. <i>Organic Letters</i> , <b>2012</b> , 14, 6290-3	6.2	64
215	Libraries of 2,3,4,6,7,11b-hexahydro-1H-pyrido[2,1-a]isoquinolin-2-amine derivatives via a multicomponent assembly process/1,3-dipolar cycloaddition strategy. <i>ACS Combinatorial Science</i> , <b>2012</b> , 14, 75-9	3.9	22
214	Probing the effect of conformational constraint on phosphorylated ligand binding to an SH2 domain using polarizable force field simulations. <i>Journal of Physical Chemistry B</i> , <b>2012</b> , 116, 1716-27	3.4	35
213	Concise Approach to 1,4-Dioxygenated Xanthenes via Novel Application of the Moore Rearrangement. <i>Tetrahedron</i> , <b>2012</b> , 68, 7591-7597	2.4	9
212	Expedient synthesis of norbenzomorphan library via multicomponent assembly process coupled with ring-closing reactions. <i>ACS Combinatorial Science</i> , <b>2012</b> , 14, 496-502	3.9	27
211	Enantioselective Formal Total Syntheses of Didehydrostemofoline and Isodidehydrostemofoline through a Catalytic Dipolar Cycloaddition Cascade. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 10748-10751	3.6	10
210	Enantioselective formal total syntheses of didehydrostemofoline and isodidehydrostemofoline through a catalytic dipolar cycloaddition cascade. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 10596-9	16.4	32
209	Bifunctional catalyst promotes highly enantioselective bromolactonizations to generate stereogenic C-Br bonds. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 11128-31	16.4	151
208	Application of a sequential multicomponent assembly process/huisgen cycloaddition strategy to the preparation of libraries of 1,2,3-triazole-fused 1,4-benzodiazepines. <i>ACS Combinatorial Science</i> , <b>2012</b> , 14, 135-43	3.9	50
207	APPLICATIONS OF MULTICOMPONENT ASSEMBLY PROCESSES TO THE FACILE SYNTHESSES OF DIVERSELY FUNCTIONALIZED NITROGEN HETEROCYCLES. <i>Heterocycles</i> , <b>2012</b> , 84, 1089-1112	0.8	12
206	Multicomponent assembly strategies for the synthesis of diverse tetrahydroisoquinoline scaffolds. <i>Organic Letters</i> , <b>2011</b> , 13, 4542-5	6.2	51
205	General and expedient synthesis of 1,4-dioxygenated xanthenes. <i>Organic Letters</i> , <b>2011</b> , 13, 4696-9	6.2	16
204	Protein-ligand interactions: thermodynamic effects associated with increasing nonpolar surface area. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 18518-21	16.4	32
203	Multicomponent assembly and diversification of novel heterocyclic scaffolds derived from 2-arylpiperidines. <i>Organic Letters</i> , <b>2011</b> , 13, 3102-5	6.2	32
202	Tandem Electrocyclic Ring Opening/Radical Cyclization: Application to the Total Synthesis of Cribrostatin 6. <i>Tetrahedron</i> , <b>2011</b> , 67, 9765-9770	2.4	17
201	Facile Syntheses of Substituted, Conformationally-Constrained Benzoxazocines and Benzazocines via Sequential Multicomponent Assembly and Cyclization. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 6855-6858	2	23

200	Novel approach to the lundurine alkaloids: synthesis of the tetracyclic core. <i>Organic Letters</i> , <b>2011</b> , 13, 5104-7	6.2	9
199	Facile and unified approach to skeletally diverse, privileged scaffolds. <i>Organic Letters</i> , <b>2011</b> , 13, 2590-3	6.2	31
198	Synthesis and diversification of 1,2,3-triazole-fused 1,4-benzodiazepine scaffolds. <i>Organic Letters</i> , <b>2011</b> , 13, 852-5	6.2	86
197	Studies Toward the Syntheses of Pluramycin Natural Products. The First Total Synthesis of Isokidamycin. <i>Tetrahedron</i> , <b>2011</b> , 67, 6524-6538	2.4	34
196	Facile Access to Sterically Hindered Aryl Ketones via Carbonylative Cross-Coupling: Application to the Total Synthesis of Luteolin. <i>Tetrahedron</i> , <b>2011</b> , 67, 4344-4351	2.4	37
195	Novel Entry to the Tricyclic Core of Stemofoline and Didehydrostemofoline. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 2048-2050	2	18
194	Toward a total synthesis of the stemofoline alkaloids: Advancement of a 1,3-dipolar cycloaddition strategy. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 4076-4079	2	17
193	Enantioselective synthesis of (+)-isolysergol via ring-closing metathesis. <i>Organic Letters</i> , <b>2010</b> , 12, 2610-3	6.2	47
192	Concise total synthesis of (+/-)-pseudotabersonine via double ring-closing metathesis strategy. <i>Organic Letters</i> , <b>2010</b> , 12, 3622-5	6.2	41
191	Total synthesis of isokidamycin. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 15528-30	16.4	57
190	Approach toward the total synthesis of 5-hydroxyaloin A. <i>Organic Letters</i> , <b>2010</b> , 12, 5632-5	6.2	18
189	Constraining binding hot spots: NMR and molecular dynamics simulations provide a structural explanation for enthalpy-entropy compensation in SH2-ligand binding. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 11058-70	16.4	37
188	Thermodynamic and Structural Effects of Macrocyclization as a Constraining Method in Protein-Ligand Interactions. <i>ACS Medicinal Chemistry Letters</i> , <b>2010</b> , 1, 448-452	4.3	62
187	Approaches to N-methylwelwitindolinone C isothiocyanate: facile synthesis of the tetracyclic core. <i>Organic Letters</i> , <b>2010</b> , 12, 2492-5	6.2	41
186	Binding of flexible and constrained ligands to the Grb2 SH2 domain: structural effects of ligand preorganization. <i>Acta Crystallographica Section D: Biological Crystallography</i> , <b>2010</b> , 66, 1101-15		7
185	Recent Applications of Imines as Key Intermediates in the Synthesis of Alkaloids and Novel Nitrogen Heterocycles. <i>Pure and Applied Chemistry</i> , <b>2009</b> , 81, 195-204	2.1	100
184	Applications of multicomponent reactions to the synthesis of diverse heterocyclic scaffolds. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 1300-8	4.8	601
183	Total synthesis of cribrostatin 6. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 2569-71	16.4	54

182	Synthesis of $\beta$ -Heteroaryl Propionates via Trapping of Carbocations with $\beta$ -Nucleophiles. <i>Tetrahedron Letters</i> , <b>2009</b> , 50, 3253-3257	2	45
181	Iminium Ion Cascade Reactions: Stereoselective Synthesis of Quinolizidines and Indolizidines. <i>Tetrahedron</i> , <b>2009</b> , 65, 3222-3231	2.4	52
180	Synthesis of Diverse Heterocyclic Scaffolds via Tandem Additions to Imine Derivatives and Ring-Forming Reactions. <i>Tetrahedron</i> , <b>2009</b> , 65, 6454-6469	2.4	68
179	Thermodynamic and structural effects of conformational constraints in protein-ligand interactions. Entropic paradox associated with ligand preorganization. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 16758-70	16.4	100
178	Carbonylative cross-coupling of ortho-disubstituted aryl iodides. convenient synthesis of sterically hindered aryl ketones. <i>Organic Letters</i> , <b>2008</b> , 10, 5301-4	6.2	92
177	Studies toward the enantioselective syntheses of oxylipins: total synthesis and structure revision of solandelactone E. <i>Journal of Organic Chemistry</i> , <b>2008</b> , 73, 391-402	4.2	32
176	Applications of the Ugi reaction with ketones. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 4501-4504	2	22
175	The Pauson-Khand Reaction as a New Entry to the Synthesis of Bridged Bicyclic Heterocycles: Application to the Enantioselective Total Synthesis of (-)-Alstonerine. <i>Tetrahedron</i> , <b>2008</b> , 64, 6884-6900	2.4	35
174	Features and applications of [Rh(CO)(2)Cl](2)-catalyzed alkylations of unsymmetrical allylic substrates. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 9018-31	4.2	37
173	Enantioselective synthesis and structure revision of solandelactone E. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 510-1	16.4	39
172	Concise, enantioselective total synthesis of (-)-alstonerine. <i>Organic Letters</i> , <b>2007</b> , 9, 1113-6	6.2	45
171	Total synthesis of erythromycin B. <i>Tetrahedron</i> , <b>2007</b> , 63, 5709-5729	2.4	35
170	Tandem Intramolecular Benzyne-Furan Cycloadditions. Total Synthesis of Vineomycinone B(2) Methyl Ester. <i>Tetrahedron</i> , <b>2007</b> , 63, 8619-8635	2.4	27
169	Applications of multicomponent reactions for the synthesis of diverse heterocyclic scaffolds. <i>Organic Letters</i> , <b>2007</b> , 9, 4223-6	6.2	156
168	Preorganization in biological systems: Are conformational constraints worth the energy?. <i>Pure and Applied Chemistry</i> , <b>2007</b> , 79, 193-200	2.1	31
167	Structural studies examining the substrate specificity profiles of PC-PLC(Bc) protein variants. <i>Archives of Biochemistry and Biophysics</i> , <b>2007</b> , 460, 41-7	4.1	21
166	Structural and energetic aspects of Grb2-SH2 domain-swapping. <i>Archives of Biochemistry and Biophysics</i> , <b>2007</b> , 462, 47-53	4.1	31
165	Concise, stereoselective approach to the spirooxindole ring system of citrinadin A. <i>Organic Letters</i> , <b>2007</b> , 9, 4623-6	6.2	64

164	Toward the total synthesis of FR901483: concise synthesis of the azatricyclic skeleton. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 5342-9	4.2	33
163	Ligand preorganization may be accompanied by entropic penalties in protein-ligand interactions. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 6830-5	16.4	62
162	Ligand Preorganization May Be Accompanied by Entropic Penalties in Protein-Ligand Interactions. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 6984-6989	3.6	14
161	General strategy for the syntheses of corynanthe, tacaman, and oxindole alkaloids. <i>Journal of Organic Chemistry</i> , <b>2006</b> , 71, 6547-61	4.2	95
160	Synthesis and properties of cyclopropane-derived peptidomimetics. <i>Accounts of Chemical Research</i> , <b>2006</b> , 39, 433-42	24.3	192
159	Pd-catalyzed ring opening of oxa- and azabicyclic alkenes with aryl and vinyl halides: efficient entry to 2-substituted 1,2-dihydro-1-naphthols and 2-substituted 1-naphthols. <i>Journal of Organic Chemistry</i> , <b>2006</b> , 71, 4810-7	4.2	58
158	C-Aryl glycosides via tandem intramolecular benzyne-furan cycloadditions. Total synthesis of vineomycinone B2 methyl ester. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 13696-7	16.4	77
157	Domino intramolecular enyne metathesis/cross metathesis approach to the xanthanolides. Enantioselective synthesis of (+)-8-epi-xanthatin. <i>Tetrahedron</i> , <b>2006</b> , 62, 11437-11449	2.4	46
156	Enantioselective syntheses of tremulenediol A and tremulenolide A. <i>Tetrahedron</i> , <b>2006</b> , 62, 10497-10506	2.4	34
155	Synthetic studies toward the immunosuppressant FR901483. Facile construction of the azatricyclic skeleton. <i>Tetrahedron Letters</i> , <b>2006</b> , 47, 2933-2936	2	13
154	Facile synthesis of C-aryl glycals from sugar-derived lactones. <i>Tetrahedron Letters</i> , <b>2006</b> , 47, 3485-3488	2	7
153	Application of a domino intramolecular enyne metathesis/cross metathesis reaction to the total synthesis of (+)-8-epi-xanthatin. <i>Organic Letters</i> , <b>2005</b> , 7, 4621-3	6.2	78
152	[Rh(CO) <sub>2</sub> Cl] <sub>2</sub> -catalyzed domino reactions involving allylic substitution and subsequent carbocyclization reactions. <i>Organic Letters</i> , <b>2005</b> , 7, 1661-3	6.2	40
151	Enantioselective syntheses of tremulenediol A and tremulenolide A. <i>Organic Letters</i> , <b>2005</b> , 7, 4535-7	6.2	61
150	Formal syntheses of (+/-)-pinnaic acid and (+/-)-halichlorine. <i>Organic Letters</i> , <b>2005</b> , 7, 5733-5	6.2	48
149	Cascade iminium ion reactions for the facile synthesis of quinolizidines. Concise syntheses of (+/-)-epilupinine and (-)-epimyrtine. <i>Organic Letters</i> , <b>2005</b> , 7, 2031-3	6.2	45
148	Ring-closing metathesis: A facile construct for alkaloid synthesis. <i>Pure and Applied Chemistry</i> , <b>2005</b> , 77, 1207-1212	2.1	21
147	Altering protein specificity: techniques and applications. <i>Bioorganic and Medicinal Chemistry</i> , <b>2005</b> , 13, 2701-16	3.4	63

146	Ring-Closing Metathesis as a Construct for the Synthesis of Polycyclic Alkaloids. <i>Current Organic Chemistry</i> , <b>2005</b> , 9, 1535-1549	1.7	26
145	Facile synthesis of 2-substituted 1,2-dihydro-1-naphthols and 2-substituted 1-naphthols. <i>Organic Letters</i> , <b>2004</b> , 6, 3581-4	6.2	37
144	Synthesis of oxygen- and nitrogen-containing heterocycles by ring-closing metathesis. <i>Chemical Reviews</i> , <b>2004</b> , 104, 2199-238	68.1	1183
143	Synthesis of cis-2,5-disubstituted pyrrolidines via diastereoselective reduction of N-acyl iminium ions. <i>Tetrahedron Letters</i> , <b>2004</b> , 45, 4895-4898	2	31
142	Enantioselective synthesis of (+)-anatoxin-a via enyne metathesis. <i>Tetrahedron</i> , <b>2004</b> , 60, 7301-7314	2.4	69
141	Direct, stereoselective substitution in [Rh(CO)(2)Cl](2)-catalyzed allylic alkylations of unsymmetrical substrates. <i>Organic Letters</i> , <b>2004</b> , 6, 1321-4	6.2	68
140	Application of intramolecular enyne metathesis to the synthesis of aza[4.2.1]bicyclics: enantiospecific total synthesis of (+)-anatoxin-a. <i>Organic Letters</i> , <b>2004</b> , 6, 1329-31	6.2	79
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8	Synthesis of Aldehydes, Ketones, and Carboxylic Acids from Lower Carbonyl Compounds by C-C Coupling Reactions. <i>Synthesis</i> , <b>1979</b> , 1979, 633-665	2.9	100
7	A facile synthesis of racemic O-methyljoubertiamine. <i>Tetrahedron Letters</i> , <b>1978</b> , 19, 4229-4232	2	6
6	Stereoselective total synthesis of racemic acorone. <i>Journal of Organic Chemistry</i> , <b>1978</b> , 43, 1027-1031	4.2	30
5	Homologation-alkylation of carbonyl compounds via regiospecifically generated metallo enamines. <i>Journal of Organic Chemistry</i> , <b>1978</b> , 43, 3792-3794	4.2	14
4	Carbonyl homologation with .alpha. substitution. A new synthesis of 4,4-disubstituted 2-cyclopentenones. <i>Journal of Organic Chemistry</i> , <b>1977</b> , 42, 2520-2523	4.2	21
3	Carbonyl homologation with .alpha. substitution. A new approach to spiroannulation. <i>Journal of Organic Chemistry</i> , <b>1976</b> , 41, 3337-3338	4.2	25

- 2 Facile method for the transformation of ketones into  $\alpha$ -substituted aldehydes. *Journal of Organic Chemistry*, **1974**, 39, 2814-2815 4.2 36
- 1 Geminal Acylation-Alkylation at a Carbonyl Center Using Diethyl N-Benzylideneaminomethylphosphonate: 2-Methyl-2-Phenyl-4-Pentenal 119-119