Sambasivarao Kotha

List of Publications by Year in Descending Order

252 papers	7,513 citations	44 h-index	76 g-index
339 ext. papers	8,244 ext. citations	3.2 avg, IF	6.43 L-index

#	Paper	IF	Citations
252	Functionalization of Meldrum's Acid by Diels-Alder Approach. *Heterocycles*, **2022**, 104, 541	0.8	
251	Design and Synthesis of Spirocycles via Olefin Metathesis **2022**, 65-101		
250	Synthesis of mixed musks Eschenmoser-Tanabe fragmentation, enyne metathesis and Diels-Alder reaction as key steps.. *RSC Advances*, **2022**, 12, 14278-14281	3.7	
249	Synthesis of Angular Triquinane and [4.3.3]Propellane Derivatives via Ring-Rearrangement Olefin Metathesis. *ChemistrySelect*, **2021**, 6, 11178-11181	1.8	1
248	Recent Advances in Benzocyclobutene Chemistry. *Asian Journal of Organic Chemistry*, **2021**, 10, 3166	3	1
247	A Modular Approach to Angularly Fused Polyquinanes via Ring-Rearrangement Metathesis: Synthetic Access to Cameroonanol Analogues and the Basic Core of Subergorgic Acid and Crinipellin. *Journal of Organic Chemistry*, **2021**, 86, 17129-17155	4.2	2
246	Application of Sequential Ring-Opening, and Ring-Closing Metathesis or Ring-Rearrangement Metathesis to Design Oxacycles and Azacycles. *ChemistrySelect*, **2021**, 6, 12018-12021	1.8	0
245	Synthetic Approaches to the Anticancer Agent Fredericamycin A. *Asian Journal of Organic Chemistry* , **2021**, 10, 129-148	3	3
244	Synthetic Approach to Oxacycles via the Application of Ring-Rearrangement Metathesis. *ChemistrySelect*, **2021**, 6, 7919-7921	1.8	0
243	Design, Synthesis and Late-Stage Modification of Indane-Based Peptides via [2+2+2] Cyclotrimerization. *Chemistry - an Asian Journal*, **2021**, 16, 3649-3657	4.5	1
242	Design and synthesis of C3-symmetric molecules containing oxepine and benzofuran moieties via Metathesis. *Journal of Molecular Structure*, **2021**, 1244, 130907	3.4	4
241	Design and Synthesis of Cage Molecules as High Energy Density Materials for Aerospace Applications. *ChemCatChem*, **2020**, 12, 6131-6172	5.2	4
240	Facile Synthetic Route to [3.n]Thiacyclophanes through Ring-Closing Metathesis and their Structural Studies. *European Journal of Organic Chemistry*, **2020**, 2020, 6929-6940	3.2	3
239	A new skeletal rearrangement of 1,7-dimethyl Cookson's cage dione catalyzed by a Lewis acid. *Organic and Biomolecular Chemistry*, **2020**, 18, 1377-1383	3.9	1
238	Construction of [5/7/5] Fused Tricyclic Sulfones via Ring-Rearrangement Metathesis. *ChemistrySelect*, **2020**, 5, 1929-1931	1.8	
237	Design and Synthesis of Pentacycloundecane Cage Compound Containing Oxazole Moiety. *Heterocycles*, **2020**, 100, 1623	0.8	2
236	Design, synthesis, and rearrangement studies of gem-dimethyl containing cage systems. *Tetrahedron*, **2020**, 76, 130898	2.4	4

235	Synthetic Strategies to Diverse Polyquinanes via Olefin Metathesis: Access to the Basic Core of Crinipellin, Presilphiperfolanol, and Cucumin. *Journal of Organic Chemistry*, **2020**, 85, 851-863	4.2	8
234	Synthesis of oxa-cage compounds by ketalization and ring-closing metathesis. *Tetrahedron*, **2020**, 76, 130856	2.4	4
233	Annulated oxa-cage frameworks via Claisen rearrangement and ring-closing metathesis. *Tetrahedron*, **2020**, 76, 131694	2.4	2
232	Pentacycloundecane (PCUD)-Based Cage Frameworks as Potential Energetic Materials: Syntheses and Characterization. *Asian Journal of Organic Chemistry*, **2020**, 9, 2116-2126	3	6
231	Modular Approaches to Cyclopentanoids and their Heteroanalogs. *Synlett*, **2020**, 31, 1976-2012	2.2	8
230	Synthesis of Aza-polyquinanes via Fischer Indolization and Ring-Rearrangement Metathesis as Key Steps. *Synthesis*, **2019**, 51, 3989-3997	2.9	10
229	A Metathetic Approach to [5/5/6] Aza-Tricyclic Core of Dendrobine, Kopsanone, and Lycopalhine A Type of Alkaloids. *Synthesis*, **2019**, 51, 3981-3988	2.9	3
228	Synthesis of C3-Symmetric star-shaped molecules containing 1,3-azoles via hetero-aryl Heck coupling. *Tetrahedron*, **2019**, 75, 1359-1363	2.4	
227	Synthetic applications of rongalite: A green tool in the service of Diels□Alder chemistry and beyond. *Tetrahedron Letters*, **2019**, 60, 631-648	2	6
226	Advanced Approaches to Post-Assembly Modification of Peptides by Transition-Metal-Catalyzed Reactions. *Synthesis*, **2019**, 51, 1913-1922	2.9	3
225	Synthetic Approaches to Star-Shaped Molecules with 1,3,5-Trisubstituted Aromatic Cores. *Chemistry - an Asian Journal*, **2019**, 14, 1356-1403	4.5	7
224	Synthesis of -symmetric star-shaped molecules containing □amino acids and dipeptides via Negishi coupling as a key step. *Beilstein Journal of Organic Chemistry*, **2019**, 15, 371-377	2.5	3
223	Multicomponent Approach to Hydantoins and Thiohydantoins Involving a Deep Eutectic Solvent. *Chemistry - an Asian Journal*, **2019**, 14, 3188-3197	4.5	6
222	A simple synthetic strategy to (pi)-conjugated spirofluorenes. *Journal of Chemical Sciences*, **2019**, 131, 1	1.8	3
221	Development of New Synthetic Strategies, Tactics and their Applications. *Chemical Record*, **2019**, 19, 2480-2504	6.6	1
220	Realization of Photo-Thermal Metathesis Under Microwave Irradiation Conditions: An Entry to Triquinane Frameworks. *Asian Journal of Organic Chemistry*, **2019**, 8, 2097-2104	3	4
219	Application of ring-rearrangement metathesis in organic synthesis: A grand design. *Tetrahedron Letters*, **2019**, 60, 151337	2	10
218	Synthetic Approach to the ABCD Ring System of Anticancer Agent Fredericamycin A via Claisen Rearrangement and Ring-Closing Metathesis as Key Steps. *ACS Omega*, **2019**, 4, 17109-17116	3.9	8

217	Synthesis of Alkenyl Sulfones Containing Norbornene Moiety. *Heterocycles*, **2019**, 98, 271	0.8	2
216	Ring-Opening Metathesis of N-Alkenyl Lactams. *Heterocycles*, **2019**, 98, 79	0.8	4
215	Diversity-oriented synthesis of spirothiazolidinediones and their biological evaluation. *Beilstein Journal of Organic Chemistry*, **2019**, 15, 2774-2781	2.5	2
214	Diversity-Oriented Approaches to Polycycles and Heterocycles via Enyne Metathesis and Diels-Alder Reaction as Key Steps. *ACS Omega*, **2019**, 4, 22261-22273	3.9	14
213	Synthesis and Acid Catalyzed Rearrangement of Cage Propellanes. *ChemistrySelect*, **2019**, 4, 13440-13445	1.8	3
212	Synthesis of functionalized cage propellanes and D3-Trishomocubanes via the ring-closing metathesis and acid-promoted rearrangement. *Tetrahedron*, **2019**, 75, 84-93	2.4	7
211	Selectivity in Ring-Closing Metathesis: Synthesis of Propellanes and Angular Aza-tricycles. *Advanced Synthesis and Catalysis*, **2019**, 361, 1376-1382	5.6	11
210	[2 + 2 + 2] Cyclotrimerization with Propargyl Halides as Copartners: Formal Total Synthesis of the Antitumor Hsp90 Inhibitor AT13387. *ACS Omega*, **2018**, 3, 1850-1855	3.9	6
209	Synthesis of propellanes containing a bicyclo[2.2.2]octene unit the Diels-Alder reaction and ring-closing metathesis as key steps.. *RSC Advances*, **2018**, 8, 14906-14915	3.7	11
208	Synthesis of benzyl halide derivatives of spirohydantoins via [2+2+2] cyclotrimerization reaction. *Tetrahedron Letters*, **2018**, 59, 1996-1998	2	6
207	Synthesis of star-shaped pyrrole-based C3-symmetric molecules via ring-closing metathesis, Buchwald–Hartwig cross-coupling and Clauson–Kaas pyrrole synthesis as key steps. *Tetrahedron Letters*, **2018**, 59, 1023-1027	2	12
206	Synthesis and Photophysical Properties of C3-Symmetric Star-Shaped Molecules Containing Heterocycles: A New Tactics for Multiple Fischer Indolization. *ChemistrySelect*, **2018**, 3, 136-141	1.8	8
205	Synthesis of Spiro Barbiturates and Meldrum's Acid Derivatives via a [2+2+2] Cyclotrimerization. *Synthesis*, **2018**, 50, 4883-4888	2.9	7
204	Application of organometallics in organic synthesis. *Journal of Organometallic Chemistry*, **2018**, 874, 13-25	2.3	4
203	Design and Synthesis of Aromatics through [2+2+2] Cyclotrimerization. *Synlett*, **2018**, 29, 2342-2361	2.2	26
202	7-Hydroxyhexacyclo[7.5.1.01,7.06,13.08,12.010,14]pentadecan-15-one-11-spirocyclopentane. *IUCrData*, **2018**, 3,	0.7	2
201	Hexacyclo[6.5.1.01,5.05,12.07,11.09,13]tetradecane-4,6,14-trione. *IUCrData*, **2018**, 3,	0.7	2
200	Synthetic Approach to Oxa-Cage Systems via Ring-Closing Metathesis. *Heterocycles*, **2018**, 97, 1008	0.8	5

199	Design and Synthesis of Polycycles, Heterocycles, and Macrocycles via Strategic Utilization of Ring-Closing Metathesis. *Chemical Record*, **2018**, 18, 1613-1632	6.6	16
198	Diversity-Oriented Approach to Spirorhodanines via a [2+2+2] Cyclotrimerization. *European Journal of Organic Chemistry*, **2018**, 2018, 5935-5941	3.2	3
197	Synthesis of cage [4.4.2]propellanes and ({D_{3}})-trishomocubanes bearing spiro linkage. *Journal of Chemical Sciences*, **2018**, 130, 1	1.8	5
196	Synergistic approach to polycycles through Suzuki-Miyaura cross coupling and metathesis as key steps. *Beilstein Journal of Organic Chemistry*, **2018**, 14, 2468-2481	2.5	11
195	Synthesis and photophysical properties of star-shaped blue green emitting Econjugated spirotruxenes. *Tetrahedron Letters*, **2018**, 59, 4080-4085	2	9
194	Design and synthesis of -symmetric molecules bearing propellane moieties via cyclotrimerization and a ring-closing metathesis sequence. *Beilstein Journal of Organic Chemistry*, **2018**, 14, 2537-2544	2.5	5
193	Molecular Acrobatics in Polycyclic Frames: Synthesis of Functionalized D-Trishomocubanes via the Rearrangement Approach. *Journal of Organic Chemistry*, **2018**, 83, 6315-6324	4.2	12
192	Application of Claisen Rearrangement and Olefin Metathesis in Organic Synthesis. *Chemistry - an Asian Journal*, **2018**, 13, 1758	4.5	11
191	Isomerization and functionalization of 2:1 DielsAlder adducts of cyclopentadiene and p -benzoquinone: Applications to polycycles via ring-closing metathesis and ring-opening metathesis as key steps. *Tetrahedron Letters*, **2017**, 58, 1283-1286	2	6
190	Synthesis and Rearrangement of Cage [4.3.2]Propellanes that Contain a Spiro Linkage. *European Journal of Organic Chemistry*, **2017**, 2017, 4277-4282	3.2	18
189	Application of Fischer Indolization under Green Conditions using Deep Eutectic Solvents. *Chemical Record*, **2017**, 17, 1039-1058	6.6	23
188	Synthesis and Photophysical Properties of -Symmetric Star-Shaped Molecules Containing Heterocycles Such as Furan, Thiophene, and Oxazole. *ACS Omega*, **2017**, 2, 6291-6297	3.9	15
187	Synthesis of tricyclic units of indole alkaloids: Application of Fischer indolization and olefin metathesis. *Tetrahedron*, **2017**, 73, 6436-6442	2.4	10
186	One-pot synthesis of carbazoles from indoles via a metal free benzannulation. *Tetrahedron Letters*, **2017**, 58, 4360-4362	2	13
185	Synthesis of Intricate Fused N-Heterocycles via Ring-Rearrangement Metathesis. *Journal of Organic Chemistry*, **2017**, 82, 8527-8535	4.2	16
184	Design and Synthesis of Spirocycles. *European Journal of Organic Chemistry*, **2017**, 2017, 5316-5342	3.2	59
183	A New Synthetic Approach to C2-Symmetric Octacyclic Cage Diol via Claisen Rearrangement and Ring-Closing Metathesis as Key Steps. *ChemistrySelect*, **2017**, 2, 6877-6881	1.8	8
182	Ring-Closing Metathesis Approach to Cage Propellanes Containing Oxepane and Tetrahydrofuran Hybrid System. *Synthesis*, **2017**, 49, 5339-5350	2.9	18

181	A Short Synthetic Route to Benzosultine-sulfone using Rongalite and [2+2+2]-Cyclotrimerization. *ChemistrySelect*, **2017**, 2, 10804-10808	1.8	7
180	A Short Synthetic Route to a Hybrid Molecule Benzosultine-Sulfone via [2+2+2] Cyclotrimerization Using Mo(CO)6. *Heterocycles*, **2017**, 95, 1204	0.8	3
179	Design and synthesis of oxacycles from norbornene derivatives via ring-opening metathesis and ring-rearrangement metathesis. *Tetrahedron*, **2016**, 72, 6611-6615	2.4	5
178	A diversity-oriented approach to indolocarbazoles via Fischer indolization and olefin metathesis: total synthesis of tjipanazole D and I. *Organic and Biomolecular Chemistry*, **2016**, 14, 9868-9873	3.9	33
177	Ring-Rearrangement-Metathesis Approach to Polycycles: Substrate-Controlled Stereochemical Outcome During Grignard Addition. *European Journal of Organic Chemistry*, **2016**, 2016, 3900-3906	3.2	13
176	Design and synthesis of polycyclic bisindoles via Fischer indolization and ring-closing metathesis as key steps. *Tetrahedron Letters*, **2016**, 57, 5605-5607	2	14
175	Bridgehead vicinal diallylation of norbornene derivatives and extension to propellane derivatives via ring-closing metathesis. *Beilstein Journal of Organic Chemistry*, **2016**, 12, 1877-1883	2.5	6
174	Synthesis of fused azacycle via Overman rearrangement and ring-rearrangement metathesis as key steps. *Tetrahedron Letters*, **2016**, 57, 1994-1996	2	6
173	A new synthetic strategy to 2,3-diallyl-1,4-quinones via one-pot double Claisen rearrangement and retro Diels□Alder reaction. *Tetrahedron Letters*, **2016**, 57, 3021-3023	2	6
172	A four-step route to synthetic equivalents of ortho-xylylenes: D□z benzannulation, desilylation, bromo-dehydroxylation, and sultine formation. A concise approach to oxygenated linearly fused polycyclic aromatics. *Tetrahedron*, **2016**, 72, 2306-2315	2.4	9
171	Target Specific Tactics in Olefin Metathesis: Synthetic Approach to cis-syn-cis-Triquinanes and -Propellanes. *Organic Letters*, **2016**, 18, 1808-11	6.2	27
170	Synthesis of Phenanthroline and Indole Based Hybrid Cyclophane Derivatives via Ring-Closing Metathesis. *Heterocycles*, **2016**, 93, 399	0.8	6
169	Diversity Oriented Approach to Oxepine Derivatives: Further Expansion via Diels-Alder Reaction. *Heterocycles*, **2015**, 90, 645	0.8	6
168	Design of Aza-Polyquinanes via Fischer Indole Cyclization under Green Conditions. *Heterocycles*, **2015**, 90, 690	0.8	8
167	Diversity-Oriented Approaches to Polycyclics and Bioinspired Molecules via the Diels-Alder Strategy: Green Chemistry, Synthetic Economy, and Beyond. *ACS Combinatorial Science*, **2015**, 17, 253-302	3.9	59
166	Diversity oriented approach to polycyclics via cross-enyne metathesis and Diels□Alder reaction as key steps. *Journal of Chemical Sciences*, **2015**, 127, 155-162	1.8	4
165	Diversity-oriented approach to spirooxindoles: application of a green reagent □ongalite□ *Tetrahedron Letters*, **2015**, 56, 3992-3995	2	12
164	Diversity-oriented approach to intricate bis-armed spirocycles involving a two directional [2+2+2] co-trimerization and the [4+2] cycloaddition reaction as key steps. *Tetrahedron Letters*, **2015**, 56, 2172-2175	2	11

163	Diversity-oriented approach to natural product inspired pyrano-carbazole derivatives: strategic utilization of hetero-Diels–Alder reaction, Fischer indolization and the Suzuki–Miyaura cross-coupling reaction. *Tetrahedron*, **2015**, 71, 9003-9011	2.4	14
162	Molybdenum hexacarbonyl: air stable catalyst for microwave assisted intermolecular [2+2+2] co-trimerization involving propargyl halides. *Tetrahedron Letters*, **2015**, 56, 5903-5908	2	11
161	Diversity-oriented approach to novel spirocycles via 1,2,4,5-tetrakis(bromomethyl)benzene under operationally simple reaction conditions. *Tetrahedron*, **2015**, 71, 6944-6955	2.4	9
160	Diversity-Oriented Approach to Cyclophanes via Fischer Indolization and Ring-Closing Metathesis: Substrate-Controlled Stereochemical Outcome in RCM. *Journal of Organic Chemistry*, **2015**, 80, 9141-6	4.2	22
159	Diversity-oriented approach to spirocycles with indole moiety via Fischer indole cyclization, olefin metathesis and Suzuki–Miyaura cross-coupling reactions. *Tetrahedron*, **2015**, 71, 129-138	2.4	31
158	Design and Synthesis of Conformationally Constrained Bicyclo[2.2.2]octane-Based Unusual α-Amino Acid Derivatives via the Diels–Alder Reaction. *Heterocycles*, **2015**, 90, 357	0.8	4
157	Design and synthesis of hybrid cyclophanes containing thiophene and indole units via Grignard reaction, Fischer indolization and ring-closing metathesis as key steps. *Beilstein Journal of Organic Chemistry*, **2015**, 11, 1514-1519	2.5	11
156	Design and synthesis of propellane derivatives and oxa-bowls via ring-rearrangement metathesis as a key step. *Beilstein Journal of Organic Chemistry*, **2015**, 11, 1727-31	2.5	14
155	Design and synthesis of fused polycycles via Diels-Alder reaction and ring-rearrangement metathesis as key steps. *Beilstein Journal of Organic Chemistry*, **2015**, 11, 1259-64	2.5	11
154	Hybrid macrocycle formation and spiro annulation on cis-syn-cis-tricyclo[6.3.0.0(2,6)]undeca-3,11-dione and its congeners via ring-closing metathesis. *Beilstein Journal of Organic Chemistry*, **2015**, 11, 1123-8	2.5	17
153	Design and synthesis of polycyclic sulfones via Diels-Alder reaction and ring-rearrangement metathesis as key steps. *Beilstein Journal of Organic Chemistry*, **2015**, 11, 1373-8	2.5	9
152	Spiro annulation of cage polycycles via Grignard reaction and ring-closing metathesis as key steps. *Beilstein Journal of Organic Chemistry*, **2015**, 11, 1367-72	2.5	10
151	Recent applications of ring-rearrangement metathesis in organic synthesis. *Beilstein Journal of Organic Chemistry*, **2015**, 11, 1833-64	2.5	41
150	Synthesis of a tricyclic lactam via Beckmann rearrangement and ring-rearrangement metathesis as key steps. *Beilstein Journal of Organic Chemistry*, **2015**, 11, 1503-8	2.5	9
149	A simple approach to bis-spirocycles and spiroindole derivatives via green methods such as Fischer indolization, ring-closing metathesis, and Suzuki--Miyaura cross-coupling. *Turkish Journal of Chemistry*, **2015**, 39, 1190-1198	1	13
148	Selected synthetic strategies to cyclophanes. *Beilstein Journal of Organic Chemistry*, **2015**, 11, 1274-1331	2.5	54
147	Diversity-oriented approach to linearly fused spirocycles via strategic utilization of a [2+2+2] cycloaddition and the Diels–Alder reaction. *Tetrahedron*, **2015**, 71, 1597-1603	2.4	9
146	Diversity-oriented approach to unusual amino acid derivatives and heterocycles via methyl 2-acetamidoacrylate and its congeners. *Tetrahedron*, **2014**, 70, 5361-5384	2.4	25

145	Diversity-oriented synthesis of medicinally important 1,2,3,4-tetrahydroisoquinoline-3-carboxylic acid (Tic) derivatives and higher analogs. *Organic and Biomolecular Chemistry*, **2014**, 12, 9054-91	3.9	24
144	Diversity-oriented approach to spirocycles via ring-closing metathesis. *Tetrahedron Letters*, **2014**, 55, 4492-4495	2	21
143	Design and synthesis of oxa-bowls via Diels–Alder reaction and ring-rearrangement metathesis as key steps. *Tetrahedron Letters*, **2014**, 55, 5781-5784	2	18
142	Diversity-Oriented Approach to Normuscopyridine and Its Analogues through Ring-Closing Metathesis. *European Journal of Organic Chemistry*, **2014**, 2014, 984-992	3.2	15
141	Diversity-Oriented Approach to Carbocycles and Heterocycles through Ring-Rearrangement Metathesis, Fischer Indole Cyclization, and Diels–Alder Reaction as Key Steps. *European Journal of Organic Chemistry*, **2014**, 2014, 5582-5590	3.2	35
140	Diversity-oriented approach to cyclophanes via Claisen rearrangement and ring-closing metathesis as key steps. *Tetrahedron Letters*, **2014**, 55, 4264-4268	2	12
139	Design and synthesis of novel bis-annulated caged polycycles via ring-closing metathesis: pushpakenediol. *Beilstein Journal of Organic Chemistry*, **2014**, 10, 2664-70	2.5	14
138	Design and Synthesis of Angularly Annulated Spirocyclics via Enyne Metathesis and the Diels–Alder Reaction as Key Steps. *Synthesis*, **2014**, 46, 2471-2480	2.9	15
137	Diversity Oriented Approach to Spirobarbituric Acid Derivatives via a [2+2+2] Cycloaddition and Diels-Alder Reaction as Key Steps. *Heterocycles*, **2014**, 88, 789	0.8	11
136	Synthesis of Novel Fluoranthene-Based Conformationally Constrained α-Amino Acid Derivatives and Polycyclic Aromatics via the Diels–Alder Reaction. *Synthesis*, **2014**, 46, 1525-1531	2.9	10
135	Anomalous Behaviour of cis-Bicyclo[3.3.0]octane-3,7-dione and Its Derivatives During Twofold Fischer Indole Cyclization Using Low-Melting Mixtures. *Synthesis*, **2014**, 46, 301-306	2.9	12
134	Correlation between carbon–carbon bond length and the ease of retro Diels–Alder reaction. *Journal of Chemical Sciences*, **2014**, 126, 1369-1371	1.8	2
133	Design of new synthetic strategies to cyclophanes via ring-closing metathesis. *Tetrahedron Letters*, **2014**, 55, 6972-6975	2	11
132	Crystal structures of 3,6-di-allyl-tetra-cyclo[6.3.0.0(4,11).0(5,9)]undeca-2,7-dione and 1,7-di-allyl-penta-cyclo-[5.4.0.0(2,6). 0(3,10).0(5,9)]undecane-8,11-dione: allyl-ated caged compounds. *Acta Crystallographica Section E: Structure Reports Online*, **2014**, 70, 410-4		2
131	Diversity-oriented approaches to unusual α-amino acids and peptides: step economy, atom economy, redox economy, and beyond. *Journal of Organic Chemistry*, **2013**, 78, 12288-313	4.2	84
130	Diversity oriented approach to triazole based peptidomimetics as mammalian sterile 20 kinase inhibitors. *RSC Advances*, **2013**, 3, 24447	3.7	11
129	Recent developments in the retro-Diels–Alder reaction. *RSC Advances*, **2013**, 3, 7642	3.7	58
128	Diversity-Oriented Approach to Novel Spirocyclics via Enyne Metathesis, Diels-Alder Reaction, and a [2+2+2] Cycloaddition as Key Steps. *Synlett*, **2013**, 24, 1921-1926	2.2	24

127	Synthesis of indole-based propellane derivatives via Weiss-Cook condensation, Fischer indole cyclization, and ring-closing metathesis as key steps. *Beilstein Journal of Organic Chemistry*, **2013**, 9, 2709-14	2.5	12
126	Non-Metathetic Behaviour of Olefin Metathesis Catalysts. *Current Organic Chemistry*, **2013**, 17, 2776-2795	1.7	23
125	Strategies and tactics in olefin metathesis. *Tetrahedron*, **2012**, 68, 397-421	2.4	119
124	A novel di-triazole based peptide as a highly sensitive and selective fluorescent chemosensor for Zn2+ ions. *Analyst, The*, **2012**, 137, 2871-5	5	19
123	DIVERSITY ORIENTED APPROACH TO 9-ARYL-SUBSTITUTED NAPHTHOXEPINE DERIVATIVES VIA CLAISEN REARRANGEMENT, RING-CLOSING METATHESIS AND SUZUKI□MIYAURA CROSS-COUPLING AS KEY STEPS. *Heterocycles*, **2012**, 86, 1555	0.8	10
122	Diversity-oriented approach to macrocyclic cyclophane derivatives by Suzuki-Miyaura cross-coupling and olefin metathesis as key steps. *Journal of Organic Chemistry*, **2012**, 77, 482-9	4.2	53
121	Rongalite: a useful green reagent in organic synthesis. *Chemical Reviews*, **2012**, 112, 1650-80	68.1	96
120	Synthesis of Modified Phenylalanine Peptides by Cross Enyne Metathesis and a Diels□Alder Reaction as Key Steps. *European Journal of Organic Chemistry*, **2012**, 2012, 1843-1850	3.2	18
119	Diversity Oriented Approach to Polycyclic Compounds through the Diels□Alder Reaction and the Suzuki Coupling. *European Journal of Organic Chemistry*, **2012**, 2012, 4052-4062	3.2	17
118	Diversity oriented approach to crownophanes by enyne metathesis and Diels-Alder reaction as key steps. *Journal of Organic Chemistry*, **2012**, 77, 6314-8	4.2	51
117	Diversity-Oriented Approach to Macrocyclic Cyclophane Derivatives via Ring-Closing Metathesis. *Synlett*, **2012**, 23, 2183-2188	2.2	13
116	A synergistic approach to polycyclics via a strategic utilization of Claisen rearrangement and olefin metathesis. *Organic and Biomolecular Chemistry*, **2011**, 9, 5597-624	3.9	46
115	A new approach to 3-substituted tetrahydro-□carboline derivative via diethyl acetamidomalonate. *Amino Acids*, **2011**, 41, 933-6	3.5	3
114	Synthetic approach to cis and trans-decalins via Diels□Alder reaction and ring-closing metathesis as key steps: further extension to dioxapropellane derivative by ring-closing metathesis. *Tetrahedron*, **2011**, 67, 501-504	2.4	13
113	Synthesis of a new fluorescent macrocyclic □-amino acid derivative via tandem cross-enyne/ring-closing metathesis cascade catalyzed by ruthenium based catalysts. *Journal of Organometallic Chemistry*, **2011**, 696, 1856-1860	2.3	14
112	Serendipitous and acid catalyzed synthesis of spirolactones. *Tetrahedron*, **2011**, 67, 4616-4619	2.4	8
111	Synthesis of Biaryl Derivatives by Using Ruthenium-Mediated [2+2+2] Cyclotrimerization and Suzuki-Miyaura Cross-Coupling as Key Steps. *Synthesis*, **2011**, 2011, 1581-1586	2.9	8
110	Synthesis of Linearly and Angularly Fused Indane-Based Constrained □-Amino Acid Derivatives. *Synthesis*, **2011**, 2011, 2945-2950	2.9	3

109	Diversity-Oriented Synthesis of Biaryl Derivatives Using Cross-Enyne Metathesis, Diels-Alder Reaction, and Suzuki-Miyaura Cross-Coupling as Key Steps. *Synlett*, **2011**, 2011, 2329-2334	2.2	21
108	Ethyl Isocyanoacetate as a Useful Glycine Equivalent. *Synlett*, **2010**, 2010, 337-354	2.2	44
107	Diversity-Oriented Approach to 1,2,3,4-Tetrahydroisoquinoline-3-carboxylic Acid (Tic) Derivatives Using Diethyl Acetamidomalonate as a Glycine Equivalent: Further Expansion by Suzuki–Miyaura Cross-Coupling Reaction. *Heterocycles*, **2010**, 80, 847	0.8	9
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