

Sambasivarao Kotha

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#	Paper	IF	Citations
252	Recent applications of the SuzukiMiyaura cross-coupling reaction in organic synthesis. <i>Tetrahedron</i> , 2002 , 58, 9633-9695	2.4	1480
251	Transition Metal Catalyzed [2+2+2] Cycloaddition and Application in Organic Synthesis. <i>European Journal of Organic Chemistry</i> , 2005 , 2005, 4741-4767	3.2	444
250	Selected Synthetic Strategies to Spirocyclics. <i>Synthesis</i> , 2009 , 2009, 165-193	2.9	251
249	The building block approach to unusual alpha-amino acid derivatives and peptides. <i>Accounts of Chemical Research</i> , 2003 , 36, 342-51	24.3	122
248	Benzannulation. <i>Tetrahedron</i> , 2008 , 64, 10775-10790	2.4	120
247	Strategies and tactics in olefin metathesis. <i>Tetrahedron</i> , 2012 , 68, 397-421	2.4	119
246	Recent chemistry of benzocyclobutenes. <i>Tetrahedron</i> , 2001 , 57, 625-659	2.4	112
245	Polymorphism of 1,3,5-trinitrobenzene induced by a trisindane additive. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 1149-55	16.4	111
244	Synthesis of Diverse Polycyclic Compounds via Catalytic Metathesis. <i>Synlett</i> , 2007 , 2007, 2767-2784	2.2	105
243	Advanced approach to polycyclics by a synergistic combination of enyne metathesis and Diels-Alder reaction. <i>Chemical Society Reviews</i> , 2009 , 38, 2065-92	58.5	103
242	Rongalite: a useful green reagent in organic synthesis. <i>Chemical Reviews</i> , 2012 , 112, 1650-80	68.1	96
241	Diversity-oriented approaches to unusual amino acids and peptides: step economy, atom economy, redox economy, and beyond. <i>Journal of Organic Chemistry</i> , 2013 , 78, 12288-313	4.2	84
240	Expanding the Diversity of Polycyclic Aromatics Through a SuzukiMiyaura Cross-Coupling Strategy. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 1221-1236	3.2	79
239	Diversity-oriented approach to biologically relevant molecular frameworks starting with beta-naphthol and using the Claisen rearrangement and olefin metathesis as key steps. <i>Chemistry - A European Journal</i> , 2006 , 12, 8024-38	4.8	71
238	Synthesis of C3-Symmetric Nano-Sized Polyaromatic Compounds by Trimerization and SuzukiMiyaura Cross-Coupling Reactions. <i>European Journal of Organic Chemistry</i> , 2004 , 2004, 4003-4013	3.2	68
237	A retrospective on the design and synthesis of novel molecules through a strategic consideration of metathesis and Suzuki-Miyaura cross-coupling. <i>Chemistry - an Asian Journal</i> , 2009 , 4, 354-62	4.5	67
236	Diversity-Oriented Approaches to Polycyclics and Bioinspired Molecules via the Diels-Alder Strategy: Green Chemistry, Synthetic Economy, and Beyond. <i>ACS Combinatorial Science</i> , 2015 , 17, 253-302	3.9	59

235	Design and Synthesis of Spirocycles. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 5316-5342	3.2	59
234	Synthesis of unusual α -amino acids via a 2+2+2 cycloaddition strategy. <i>Tetrahedron Letters</i> , 1997 , 38, 3561-3564		59
233	Synthesis of liquid crystalline materials based on 1,3,5-triphenylbenzene and 2,4,6-triphenyl-1,3,5-s-triazine. <i>Tetrahedron Letters</i> , 2008 , 49, 5419-5423	2	59
232	Recent developments in the retro-Diels-Alder reaction. <i>RSC Advances</i> , 2013 , 3, 7642	3.7	58
231	A new protocol for benzoannulation by double Claisen rearrangement and ring-closing metathesis reactions as key steps. <i>Tetrahedron Letters</i> , 2004 , 45, 2585-2588	2	57
230	Synthesis of constrained α -amino acid derivatives via enyne metathesis reaction. <i>Tetrahedron Letters</i> , 1998 , 39, 2805-2808	2	55
229	Selected synthetic strategies to cyclophanes. <i>Beilstein Journal of Organic Chemistry</i> , 2015 , 11, 1274-1331	2.5	54
228	Diversity-oriented approach to macrocyclic cyclophane derivatives by Suzuki-Miyaura cross-coupling and olefin metathesis as key steps. <i>Journal of Organic Chemistry</i> , 2012 , 77, 482-9	4.2	53
227	Synthesis of indan-based unusual α -amino acid derivatives under phase-transfer catalysis conditions. <i>Journal of Organic Chemistry</i> , 2000 , 65, 1359-65	4.2	53
226	Design and synthesis of benzosultine-sulfone as a <i>o</i> -xylylene precursor via cross-enyne metathesis and ronalite: further expansion to polycyclics via regioselective Diels-Alder reaction. <i>Journal of Organic Chemistry</i> , 2010 , 75, 4319-22	4.2	52
225	Formation of Arenes via Dialkylarenes: Strategic Utilization of Suzuki-Miyaura Cross-Coupling, Claisen Rearrangement and Ring-Closing Metathesis. <i>Advanced Synthesis and Catalysis</i> , 2007 , 349, 1159-1172	5.6	52
224	Design and Synthesis of 1-Benzazepine Derivatives by Strategic Utilization of Suzuki-Miyaura Cross-Coupling, Aza-Claisen Rearrangement and Ring-Closing Metathesis. <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 1054-1064	3.2	52
223	Diversity oriented approach to crownphanes by enyne metathesis and Diels-Alder reaction as key steps. <i>Journal of Organic Chemistry</i> , 2012 , 77, 6314-8	4.2	51
222	Design and synthesis of novel propellanes by using claisen rearrangement and ring-closing metathesis as the key steps. <i>Chemistry - A European Journal</i> , 2006 , 12, 4446-50	4.8	51
221	Opportunities in asymmetric synthesis: An industrial prospect. <i>Tetrahedron</i> , 1994 , 50, 3639-3662	2.4	49
220	Synthesis of highly functionalized phenylalanine derivatives via cross-enyne metathesis reactions. <i>Tetrahedron</i> , 2002 , 58, 9203-9208	2.4	48
219	Spiro-annulation of barbituric acid derivatives and its analogs by ring-closing metathesis reaction. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005 , 15, 1039-43	2.9	48
218	A Simple Synthetic Approach to Allylated Aromatics via the Suzuki-Miyaura Cross-Coupling Reaction. <i>Synlett</i> , 2005 , 2005, 1877-1880	2.2	48

217	Shape and Size Effects in the Crystal Structures of Complexes of 1,3,5-Trinitrobenzene with some Trigonal Donors: The Benzene–Thiophene Exchange Rule. <i>Tetrahedron</i> , 2000 , 56, 6721-6728	2.4	48
216	A new synthetic approach to 1,2,3,4-tetrahydroisoquinoline-3-carboxylic acid (Tic) derivatives via enyne metathesis and the Diels–Alder reaction. <i>Chemical Communications</i> , 2000 , 503-504	5.8	47
215	A synergistic approach to polycyclics via a strategic utilization of Claisen rearrangement and olefin metathesis. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 5597-624	3.9	46
214	A General and Simple Method for the Synthesis of Star-Shaped Thiophene Derivatives. <i>Synlett</i> , 1999 , 1999, 1621-1623	2.2	46
213	Differential reactivity pattern of hybrid o-quinodimethane precursors: strategic expansion to annulated benzocycloalkanes via ronalite. <i>Journal of Organic Chemistry</i> , 2009 , 74, 5667-70	4.2	45
212	Cycloaddition approach to benzo-annulated indane-based α -amino acid derivatives. <i>Tetrahedron</i> , 2004 , 60, 10833-10841	2.4	45
211	Ethyl Isocyanoacetate as a Useful Glycine Equivalent. <i>Synlett</i> , 2010 , 2010, 337-354	2.2	44
210	Synthesis of constrained α -amino acid derivatives via Diels-Alder approach. <i>Tetrahedron Letters</i> , 1998 , 39, 4095-4098	2	44
209	Metathetic approach to naphthoxepin and spirocyclic molecular frameworks. <i>Tetrahedron Letters</i> , 2004 , 45, 1391-1394	2	44
208	Microwave-assisted Claisen rearrangement on a silica gel support. <i>Tetrahedron Letters</i> , 2004 , 45, 9603-9605		44
207	Modification of constrained peptides by ring-closing metathesis reaction. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001 , 11, 1421-3	2.9	43
206	A new approach for modification of phenylalanine peptides by Suzuki-Miyaura coupling reaction. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001 , 11, 2887-90	2.9	42
205	Recent applications of ring-rearrangement metathesis in organic synthesis. <i>Beilstein Journal of Organic Chemistry</i> , 2015 , 11, 1833-64	2.5	41
204	Spiro-Annulation via Ring Closing Metathesis Reaction. <i>Synlett</i> , 1999 , 1999, 1618-1620	2.2	41
203	General approach to the synthesis of polyquinenes via the Weiss reaction. 6. Progress toward the synthesis of dicyclopentapentalenes. <i>Journal of Organic Chemistry</i> , 1988 , 53, 2327-2340	4.2	40
202	Synthesis of constrained α -amino acid derivatives via ring-closing olefin metathesis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1998 , 8, 257-60	2.9	39
201	Constrained Phenylalanine Derivatives by Enyne Metathesis and Diels–Alder Reaction. <i>European Journal of Organic Chemistry</i> , 2001 , 2001, 787-792	3.2	38
200	Diels-Alder approach to tetralin-based constrained α -amino acid derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2000 , 10, 1755-7	2.9	38

199	Reductive carbon-carbon cleavage in caged systems. A new general synthesis of linearly fused cis-syn-cis-triquinanes. <i>Journal of Organic Chemistry</i> , 1985 , 50, 5537-5543	4.2	38
198	A new synthetic approach to 1,2,3,4-tetrahydroisoquinoline-3-carboxylic acid (Tic) derivatives via a [2 + 2 + 2] cycloaddition reaction. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2000 , 10, 1413-5	2.9	37
197	Synthesis of 1,2,3,4-Tetrahydroisoquinoline-3-carboxylic Acid (Tic) Derivatives by Cycloaddition Approaches. <i>European Journal of Organic Chemistry</i> , 2001 , 2001, 3375	3.2	36
196	Diversity-Oriented Approach to Carbocycles and Heterocycles through Ring-Rearrangement Metathesis, Fischer Indole Cyclization, and DielsAlder Reaction as Key Steps. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 5582-5590	3.2	35
195	Synthesis of conformationally constrained amino acid derivatives using ethyl isocyanoacetate as glycine equivalent. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1997 , 7, 2719-2722	2.9	34
194	A diversity-oriented approach to indolocarbazoles via Fischer indolization and olefin metathesis: total synthesis of tjipanazole D and I. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 9868-9873	3.9	33
193	A DielsAlder approach for the synthesis of highly functionalized benzo-annulated indane-based amino acid derivatives via a sultine intermediate. <i>Tetrahedron Letters</i> , 2004 , 45, 2931-2934	2	32
192	Diversity-oriented approach to spirocycles with indole moiety via Fischer indole cyclization, olefin metathesis and SuzukiMiyaura cross-coupling reactions. <i>Tetrahedron</i> , 2015 , 71, 129-138	2.4	31
191	Synthesis of constrained phenylalanine derivatives via a [2+2+2] cycloaddition strategy. <i>Bioorganic and Medicinal Chemistry</i> , 2002 , 10, 2291-5	3.4	30
190	New Synthetic Approach to a [1.1.6] Metapara Cyclophane Derivative via SuzukiMiyaura Cross-Coupling and Ring-Closing Metathesis. <i>Advanced Synthesis and Catalysis</i> , 2005 , 347, 1215-1218	5.6	30
189	Constrained phenylalanyl peptides via a [2+2+2]-cycloaddition strategy. <i>Chemical Communications</i> , 2000 , 1909-1910	5.8	30
188	Synthesis of Novel QuinoneAmino Acid Hybrids via Cross-Enyne Metathesis and DielsAlder Reaction as Key Steps. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 1244-1255	3.2	29
187	Cross-Enyne and Ring-Closing Metathesis Cascade: A Building-Block Approach Suitable for Diversity-Oriented Synthesis of Densely Functionalized Macrocyclic Heterocycles with Amino Acid Scaffolds. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 5909-5916	3.2	28
186	Target Specific Tactics in Olefin Metathesis: Synthetic Approach to cis-syn-cis-Triquinanes and -Propellanes. <i>Organic Letters</i> , 2016 , 18, 1808-11	6.2	27
185	Design and Synthesis of Aromatics through [2+2+2] Cyclootrimerization. <i>Synlett</i> , 2018 , 29, 2342-2361	2.2	26
184	Application of the Suzuki-Miyaura cross-coupling reaction for the modification of phenylalanine peptides. <i>Biopolymers</i> , 2003 , 69, 517-28	2.2	26
183	Synthesis of Symmetrical Sulfones from Rongalite: Expansion to Cyclic Sulfones by Ring-Closing Metathesis. <i>European Journal of Organic Chemistry</i> , 2005 , 2005, 3581-3585	3.2	26
182	Diversity-oriented approach to unusual amino acid derivatives and heterocycles via methyl 2-acetamidoacrylate and its congeners. <i>Tetrahedron</i> , 2014 , 70, 5361-5384	2.4	25

181	N-Alkylation of diethyl acetamidomalonate: synthesis of constrained amino acid derivatives by ring-closing metathesis. <i>Tetrahedron Letters</i> , 2004 , 45, 9607-9610	2	25
180	Diversity-oriented synthesis of medicinally important 1,2,3,4-tetrahydroisoquinoline-3-carboxylic acid (Tic) derivatives and higher analogs. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 9054-91	3.9	24
179	Diversity-Oriented Approach to Novel Spirocyclics via Enyne Metathesis, Diels-Alder Reaction, and a [2+2+2] Cycloaddition as Key Steps. <i>Synlett</i> , 2013 , 24, 1921-1926	2.2	24
178	Suzuki-Miyaura Cross-Coupling and Ring-Closing Metathesis: A Strategic Combination for the Synthesis of Cyclophane Derivatives. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 5387-5393	3.2	24
177	Synthesis of Symmetrical and Unsymmetrical 9,10-Diarylanthracene Derivatives via Bis-Suzuki-Miyaura Cross-Coupling Reaction. <i>Synthesis</i> , 2004 , 2004, 549-557	2.9	24
176	A Simple Method for the Synthesis of Cyclic β -Amino Acids. <i>Tetrahedron Letters</i> , 1992 , 33, 1565-1568	2	24
175	Application of Fischer Indolization under Green Conditions using Deep Eutectic Solvents. <i>Chemical Record</i> , 2017 , 17, 1039-1058	6.6	23
174	The Diels-Alder Approach for the Synthesis of Tetralin-Based β -Amino Acid Derivatives and their Modification by the Suzuki-Miyaura Cross-Coupling Reaction. <i>Synthesis</i> , 2004 , 2004, 558-567	2.9	23
173	Post-assembly peptide modifications by chemical methods. <i>Current Medicinal Chemistry</i> , 2005 , 12, 849-75.3	4.3	23
172	Non-Metathetic Behaviour of Olefin Metathesis Catalysts. <i>Current Organic Chemistry</i> , 2013 , 17, 2776-2795	5.7	23
171	Diversity-Oriented Approach to Cyclophanes via Fischer Indolization and Ring-Closing Metathesis: Substrate-Controlled Stereochemical Outcome in RCM. <i>Journal of Organic Chemistry</i> , 2015 , 80, 9141-6	4.2	22
170	Diversity-oriented approach to spirocycles via ring-closing metathesis. <i>Tetrahedron Letters</i> , 2014 , 55, 4492-4495	2	21
169	Diversity-Oriented Synthesis of Biaryl Derivatives Using Cross-Enyne Metathesis, Diels-Alder Reaction, and Suzuki-Miyaura Cross-Coupling as Key Steps. <i>Synlett</i> , 2011 , 2011, 2329-2334	2.2	21
168	Retro Diels-Alder reaction under mild conditions: experimental and theoretical studies. <i>Organic and Biomolecular Chemistry</i> , 2006 , 4, 1854-6	3.9	21
167	Synthesis of benzocycloheptene-based amino acid derivatives via a [4+2] cycloaddition reaction as a key step. <i>Tetrahedron</i> , 2001 , 57, 6261-6265	2.4	20
166	A novel di-triazole based peptide as a highly sensitive and selective fluorescent chemosensor for Zn ²⁺ ions. <i>Analyst</i> , 2012 , 137, 2871-5	5	19
165	Synthesis of a Conformationally Constrained Phenylalanine Derivative by a Strategic Combination of Ring-Closing Enyne Metathesis and Diels-Alder Reaction. <i>Synthesis</i> , 2008 , 2008, 2925-2928	2.9	19
164	Synthesis of spiro-cyclics via ring-closing metathesis. <i>Arkivoc</i> , 2003 , 2003, 67-76	0.9	19

163	Synthesis and Rearrangement of Cage [4.3.2]Propellanes that Contain a Spiro Linkage. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 4277-4282	3.2	18
162	Design and synthesis of oxa-bowls via Diels-Alder reaction and ring-rearrangement metathesis as key steps. <i>Tetrahedron Letters</i> , 2014 , 55, 5781-5784	2	18
161	Ring-Closing Metathesis Approach to Cage Propellanes Containing Oxepane and Tetrahydrofuran Hybrid System. <i>Synthesis</i> , 2017 , 49, 5339-5350	2.9	18
160	Synthesis of Modified Phenylalanine Peptides by Cross Enyne Metathesis and a Diels-Alder Reaction as Key Steps. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 1843-1850	3.2	18
159	Strategic utilization of catalytic metathesis and photo-thermal metathesis in caged polycyclic frames. <i>Tetrahedron Letters</i> , 2010 , 51, 2301-2304	2	18
158	Synthesis of spiro-indanes by cycloaddition strategy. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001 , 2543-2547		18
157	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. <i>Beilstein Journal of Organic Chemistry</i> , 2015 , 11, 1123-8	2.5	17
156	Diversity Oriented Approach to Polycyclic Compounds through the Diels-Alder Reaction and the Suzuki Coupling. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 4052-4062	3.2	17
155	Environmentally benign process for the synthesis of N-formyl amino acid esters. <i>Tetrahedron Letters</i> , 2004 , 45, 7589-7590	2	17
154	Enantioselective synthesis of (+)-4-demethoxy-1,4-dimethyl-daunomycinone. <i>Bioorganic and Medicinal Chemistry</i> , 2002 , 10, 621-4	3.4	17
153	Modification of Indane-Based Unusual α -Amino Acid Derivatives via the Suzuki-Miyaura Coupling Reaction. <i>Synthesis</i> , 2002 , 2002, 339-342	2.9	17
152	First synthesis of optically active benzocyclobutene and biphenylene-based unusual α -amino acid derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1999 , 9, 2565-8	2.9	17
151	Synthesis of Intricate Fused N-Heterocycles via Ring-Rearrangement Metathesis. <i>Journal of Organic Chemistry</i> , 2017 , 82, 8527-8535	4.2	16
150	Synthesis of Crown-Based Sulfones via Rongalite: Diversity-Oriented Approach to Annulated Benzocrowns by Diels-Alder Reactions. <i>Synthesis</i> , 2007 , 2007, 3357-3360	2.9	16
149	Oxidative Dehydrogenation and the Aromatization of Polycycles Using o-Iodoxybenzoic Acid (IBX). <i>Synlett</i> , 2004 , 2004, 2043-2045	2.2	16
148	First and unexpected synthesis of macrocyclic cyclophane-based unusual α -amino acid derivatives by phosphazene base without high dilution conditions. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002 , 12, 1113-5	2.9	16
147	Design and Synthesis of Polycycles, Heterocycles, and Macrocycles via Strategic Utilization of Ring-Closing Metathesis. <i>Chemical Record</i> , 2018 , 18, 1613-1632	6.6	16
146	Synthesis and Photophysical Properties of γ -Symmetric Star-Shaped Molecules Containing Heterocycles Such as Furan, Thiophene, and Oxazole. <i>ACS Omega</i> , 2017 , 2, 6291-6297	3.9	15

- 145 Diversity-Oriented Approach to Normuscopryridine and Its Analogues through Ring-Closing Metathesis. *European Journal of Organic Chemistry*, **2014**, 2014, 984-992 3.2 15
- 144 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
- 143 Synthesis and reactions of silicon containing cyclic β -amino acid derivatives. *Journal of Organometallic Chemistry*, **2004**, 689, 158-163 2.3 15
- 142 Polymorphism of 1,3,5-Trinitrobenzene Induced by a Trisindane Additive. *Angewandte Chemie*, **2004**, 116, 1169-1175 3.6 15
- 141 Synthesis of highly functionalised dibenzylglycine derivatives via the Suzuki-Miyaura coupling reaction. *Bioorganic and Medicinal Chemistry Letters*, **2002**, 12, 105-8 2.9 15
- 140 Allylation of caged diketones via fragmentation methodology. *Journal of the Chemical Society Perkin Transactions 1*, **1999**, 2845-2848 15
- 139 On the fluxional behaviour of a polycyclic (4.4.2) propella-2,4-diene. *Tetrahedron Letters*, **1980**, 21, 1369-1372 15
- 138 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
- 137 Design and synthesis of polycyclic bisindoles via Fischer indolization and ring-closing metathesis as key steps. *Tetrahedron Letters*, **2016**, 57, 5605-5607 2 14
- 136 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
- 135 Design and synthesis of novel bis-annulated caged polycycles via ring-closing metathesis: push-pakenediol. *Beilstein Journal of Organic Chemistry*, **2014**, 10, 2664-70 2.5 14
- 134 Synthesis of a new fluorescent macrocyclic β -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
- 133 Synthesis of Novel 1,2,3,4-Tetrahydroisoquinoline-3-carboxylic Acid Derivatives through the Application of Rongalite: A Synergistic Combination of [2+2+2]- and [4+2]-Cycloaddition Reactions. *Synthesis*, **2007**, 2007, 1015-1020 2.9 14
- 132 Synthesis of 9,10-Diarylanthracene Derivatives via bis Suzuki-Miyaura Cross-coupling Reaction. *Synlett*, **2002**, 2002, 0451-0452 2.2 14
- 131 Friedel-Crafts Approach to Electron Deficient Cyclic β -Amino Acids. *Tetrahedron Letters*, **1992**, 33, 1569-1572 14
- 130 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
- 129 One-pot synthesis of carbazoles from indoles via a metal free benzannulation. *Tetrahedron Letters*, **2017**, 58, 4360-4362 2 13
- 128 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

127	A simple approach to bis-spirocycles and spiroindole derivatives via green methods such as Fischer indolization, ring-closing metathesis, and Suzuki–Miyaura cross-coupling. <i>Turkish Journal of Chemistry</i> , 2015 , 39, 1190-1198	1	13
126	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. <i>Tetrahedron</i> , 2011 , 67, 501-504	2.4	13
125	Diversity-Oriented Approach to Macrocyclic Cyclophane Derivatives via Ring-Closing Metathesis. <i>Synlett</i> , 2012 , 23, 2183-2188	2.2	13
124	Diversity-oriented approach to spirooxindoles: application of a green reagent [bongalite]. <i>Tetrahedron Letters</i> , 2015 , 56, 3992-3995	2	12
123	Synthesis of star-shaped pyrrole-based C ₃ -symmetric molecules via ring-closing metathesis, Buchwald–Hartwig cross-coupling and Clauson–Kaas pyrrole synthesis as key steps. <i>Tetrahedron Letters</i> , 2018 , 59, 1023-1027	2	12
122	Diversity-oriented approach to cyclophanes via Claisen rearrangement and ring-closing metathesis as key steps. <i>Tetrahedron Letters</i> , 2014 , 55, 4264-4268	2	12
121	Anomalous Behaviour of cis-Bicyclo[3.3.0]octane-3,7-dione and Its Derivatives During Twofold Fischer Indole Cyclization Using Low-Melting Mixtures. <i>Synthesis</i> , 2014 , 46, 301-306	2.9	12
120	Synthesis of indole-based propellane derivatives via Weiss–Cook condensation, Fischer indole cyclization, and ring-closing metathesis as key steps. <i>Beilstein Journal of Organic Chemistry</i> , 2013 , 9, 2709-2714	2.5	12
119	Molecular Acrobatics in Polycyclic Frames: Synthesis of Functionalized D-Trishomocubanes via the Rearrangement Approach. <i>Journal of Organic Chemistry</i> , 2018 , 83, 6315-6324	4.2	12
118	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. <i>Tetrahedron Letters</i> , 2015 , 56, 2172-2175	2.7	11
117	Molybdenum hexacarbonyl: air stable catalyst for microwave assisted intermolecular [2+2+2] co-trimerization involving propargyl halides. <i>Tetrahedron Letters</i> , 2015 , 56, 5903-5908	2	11
116	Synthesis of propellanes containing a bicyclo[2.2.2]octene unit the Diels–Alder reaction and ring-closing metathesis as key steps.. <i>RSC Advances</i> , 2018 , 8, 14906-14915	3.7	11
115	Diversity oriented approach to triazole based peptidomimetics as mammalian sterile 20 kinase inhibitors. <i>RSC Advances</i> , 2013 , 3, 24447	3.7	11
114	Design and synthesis of hybrid cyclophanes containing thiophene and indole units via Grignard reaction, Fischer indolization and ring-closing metathesis as key steps. <i>Beilstein Journal of Organic Chemistry</i> , 2015 , 11, 1514-1519	2.5	11
113	Design and synthesis of fused polycycles via Diels–Alder reaction and ring-rearrangement metathesis as key steps. <i>Beilstein Journal of Organic Chemistry</i> , 2015 , 11, 1259-64	2.5	11
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111	Design of new synthetic strategies to cyclophanes via ring-closing metathesis. <i>Tetrahedron Letters</i> , 2014 , 55, 6972-6975	2	11
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106	Synergistic approach to polycycles through Suzuki-Miyaura cross coupling and metathesis as key steps. <i>Beilstein Journal of Organic Chemistry</i> , 2018 , 14, 2468-2481	2.5	11
105	Application of Claisen Rearrangement and Olefin Metathesis in Organic Synthesis. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 1758	4.5	11
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