

Marc L Snapper

List of Publications by Year in descending order

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34016

52
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53109

85
g-index

142
all docs

142
docs citations

142
times ranked

4150
citing authors

#	ARTICLE	IF	CITATIONS
1	A molecular assembler. <i>Nature</i> , 2017, 549, 336-337.	13.7	12
2	N-Substituted tertiary and O-substituted quaternary carbon stereogenic centers by site-, diastereo- and enantioselective vinylogous Mannich reactions. <i>Tetrahedron Letters</i> , 2015, 56, 3489-3493.	0.7	20
3	New cycloaddition/fragmentation strategies for preparing 5-7-5 and 5-7-6 fused tricyclic ring systems. <i>Tetrahedron</i> , 2013, 69, 7831-7839.	1.0	2
4	Enantioselective silyl protection of alcohols promoted by a combination of chiral and achiral Lewis basic catalysts. <i>Nature Chemistry</i> , 2013, 5, 768-774.	6.6	73
5	Simple organic molecules as catalysts for enantioselective synthesis of amines and alcohols. <i>Nature</i> , 2013, 494, 216-221.	13.7	199
6	Development and Evaluation of a Solid-Supported Cyclobutadieneiron Tricarbonyl Complex for Parallel Synthesis Applications. <i>ACS Combinatorial Science</i> , 2012, 14, 343-346.	3.8	5
7	Concise Synthesis of Norrisolide. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 2308-2311.	1.2	35
8	A Robust, Efficient, and Highly Enantioselective Method for Synthesis of Homopropargyl Amines. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6618-6621.	7.2	60
9	Regiodivergent Reactions through Catalytic Enantioselective Silylation of Chiral Diols. Synthesis of Sapinofuranone A. <i>Organic Letters</i> , 2011, 13, 3778-3781.	2.4	57
10	Enantioselective Synthesis of Homoallylic Amines through Reactions of (Pinacolato)allylborons with Aryl-, Heteroaryl-, Alkyl-, or Alkene-Substituted Aldimines Catalyzed by Chiral C_1 -Symmetric NHC-Cu Complexes. <i>Journal of the American Chemical Society</i> , 2011, 133, 3332-3335.	6.6	113
11	Formation of Polycyclic Lactones through a Ruthenium-Catalyzed Ring-Closing Metathesis/Hetero-Pauson-Khand Reaction Sequence. <i>Journal of Organic Chemistry</i> , 2011, 76, 3644-3653.	1.7	32
12	Ruthenium-catalyzed tandem enyne metathesis/hydrovinylation. <i>Chemical Communications</i> , 2010, 46, 5692.	2.2	37
13	Catalytic Enantioselective Silylation of Acyclic and Cyclic Triols: Application to Total Syntheses of Cleroindinins D, F, and C. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 547-550.	7.2	101
14	A new structural class of S-adenosylhomocysteine hydrolase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 6707-6714.	1.4	21
15	Ag-Catalyzed Diastereo- and Enantioselective Vinylogous Mannich Reactions of $\hat{\pm}$ -Ketoimine Esters. Development of a Method and Investigation of its Mechanism. <i>Journal of the American Chemical Society</i> , 2009, 131, 570-576.	6.6	164
16	Catalytic Enantioselective Hosomi-Sakurai Conjugate Allylation of Cyclic Unsaturated Ketoesters. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5049-5051.	7.2	82
17	Ruthenium-catalyzed tandem enyne-cross metathesis-cyclopropanation: three-component access to vinyl cyclopropanes. <i>Tetrahedron Letters</i> , 2008, 49, 5714-5717.	0.7	31
18	Aluminum-Catalyzed Asymmetric Alkylations of Pyridyl-Substituted Alkynyl Ketones with Dialkylzinc Reagents. <i>Journal of the American Chemical Society</i> , 2008, 130, 9942-9951.	6.6	82

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19	Three-Component Ag-Catalyzed Enantioselective Vinylogous Mannich and Aza-Diels-Alder Reactions with Alkyl-Substituted Aldehydes. <i>Journal of the American Chemical Society</i> , 2008, 130, 17961-17969.	6.6	130
20	Catalytic Asymmetric Alkylations of Ketoimines. Enantioselective Synthesis of <i>N</i> -Substituted Quaternary Carbon Stereogenic Centers by Zr-Catalyzed Additions of Dialkylzinc Reagents to Aryl-, Alkyl-, and Trifluoroalkyl-Substituted Ketoimines. <i>Journal of the American Chemical Society</i> , 2008, 130, 5530-5541.	6.6	180
21	A Cross-Metathesis Route to the 5-F ₂ -Isoprostanes. <i>Journal of Organic Chemistry</i> , 2008, 73, 3754-3758.	1.7	21
22	Conformationally Restricted (+)-Cacospongionolide B Analogues. Influence on Secretory Phospholipase A2 Inhibition. <i>Journal of Organic Chemistry</i> , 2007, 72, 1545-1552.	1.7	19
23	Ruthenium-Catalyzed Tandem Cross-Metathesis/Wittig Olefination: A Generation of Conjugated Dienoic Esters from Terminal Olefins. <i>Organic Letters</i> , 2007, 9, 1749-1752.	2.4	61
24	Intramolecular Cyclobutadiene Cycloaddition/Cyclopropanation/Thermal Rearrangement: An Effective Strategy for the Asymmetric Syntheses of Pleocarpenene and Pleocarpenone. <i>Journal of the American Chemical Society</i> , 2007, 129, 486-487.	6.6	31
25	Kinetic Resolution of 1,2-Diols through Highly Site- and Enantioselective Catalytic Silylation. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8471-8474.	7.2	132
26	Solvent-Controlled Intramolecular [2 + 2] Photocycloadditions of β -Substituted Enones. <i>Journal of the American Chemical Society</i> , 2006, 128, 7315-7319.	6.6	27
27	Preparation of Alkenyl Cyclopropanes through a Ruthenium-Catalyzed Tandem Ene Metathesis-Cyclopropanation Sequence. <i>Journal of the American Chemical Society</i> , 2006, 128, 52-53.	6.6	98
28	A Chiral Ag-Based Catalyst for Practical, Efficient, and Highly Enantioselective Additions of Enolsilanes to α -Ketoesters. <i>Journal of the American Chemical Society</i> , 2006, 128, 6532-6533.	6.6	76
29	Synthesis of Isoprostanyl Phosphatidylcholine and Isoprostanyl Phosphatidylethanolamine. <i>Journal of Organic Chemistry</i> , 2006, 71, 1330-1334.	1.7	13
30	Preparation of Aliphatic Ketones through a Ruthenium-Catalyzed Tandem Cross-Metathesis/Allylic Alcohol Isomerization. <i>Organic Letters</i> , 2006, 8, 2603-2606.	2.4	51
31	Functionalized Oxepines via Fragmentation of Highly Strained Epoxides. <i>Organic Letters</i> , 2006, 8, 5183-5186.	2.4	19
32	Enantioselective silyl protection of alcohols catalysed by an amino-acid-based small molecule. <i>Nature</i> , 2006, 443, 67-70.	13.7	208
33	Ruthenium-Catalyzed Tandem Olefin Metathesis-Oxidations. <i>Organic Letters</i> , 2006, 8, 4759-4762.	2.4	91
34	A Highly Efficient and Practical Method for Catalytic Asymmetric Vinylogous Mannich (AVM) Reactions. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7230-7233.	7.2	131
35	Practical and Highly Enantioselective Synthesis of β -Alkynyl- β -amino Esters through Ag-Catalyzed Asymmetric Mannich Reactions of Silylketene Acetals and Alkynyl Imines. <i>Organic Letters</i> , 2005, 7, 2711-2713.	2.4	89
36	Intramolecular [2+2+1] Cycloadditions with (Cyclobutadiene)tricarbonyliron. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4929-4932.	7.2	11

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37	Proline-Based N-Oxides as Readily Available and Modular Chiral Catalysts. Enantioselective Reactions of Allyltrichlorosilane with Aldehydes.. ChemInform, 2005, 36, no.	0.1	0
38	Proline-Based N-Oxides as Readily Available and Modular Chiral Catalysts. Enantioselective Reactions of Allyltrichlorosilane with Aldehydes. Organic Letters, 2005, 7, 3151-3154.	2.4	102
39	Intramolecular [2 + 2] Photocycloaddition/Thermal Fragmentation: Formally Allowed and Forbidden Pathways toward 5 ⁸ Ring Systems. Journal of the American Chemical Society, 2005, 127, 1201-1205.	6.6	23
40	Al-Catalyzed Enantioselective Alkylation of α -Ketoesters by Dialkylzinc Reagents. Enhancement of Enantioselectivity and Reactivity by an Achiral Lewis Base Additive. Journal of the American Chemical Society, 2005, 127, 15453-15456.	6.6	95
41	Isocomplestatin: A Total Synthesis and Stereochemical Revision. Journal of the American Chemical Society, 2005, 127, 7334-7336.	6.6	48
42	Lewis Acid-Mediated Generation of Bicyclo[5.3.0]decanes and Bicyclo[4.3.0]nonanes. Organic Letters, 2005, 7, 5785-5788.	2.4	7
43	Tandem Catalysis: Generating Multiple Contiguous Carbon-Carbon Bonds through a Ruthenium-Catalyzed Ring-Closing Metathesis/Kharasch Addition. Journal of the American Chemical Society, 2005, 127, 16329-16332.	6.6	131
44	Enantioselective Synthesis of Propargylamines Through Zr-Catalyzed Addition of Mixed Alkynylzinc Reagents to Arylimines.. ChemInform, 2004, 35, no.	0.1	90
45	Ring-Opening Metathesis/Oxy-Cope Rearrangement: A New Strategy for the Synthesis of Bicyclic Medium Ring-Containing Compounds.. ChemInform, 2004, 35, no.	0.1	1
46	Intramolecular Cycloadditions of Cyclobutadiene with Dienes: Experimental and Computational Studies of the Competing [2 + 2] and [4 + 2] Modes of Reaction.. ChemInform, 2004, 35, no.	0.1	0
47	Ag-Catalyzed Asymmetric Mannich Reactions of Enol Ethers with Aryl, Alkyl, Alkenyl, and Alkynyl Imines.. ChemInform, 2004, 35, no.	0.1	0
48	(PCy ₃) ₂ Cl ₂ Ru=CHPh Catalyzed Kharasch Additions. Application in a Formal Olefin Carbonylation.. ChemInform, 2004, 35, no.	0.1	0
49	(PCy ₃) ₂ Cl ₂ Ru=CHPh Catalyzed Kharasch additions. Application in a formal olefin carbonylation. Tetrahedron, 2004, 60, 7391-7396.	1.0	54
50	Total Syntheses of (+)- and (–)-Cacospongionolide B, Cacospongionolide E, and Related Analogues. Preliminary Study of Structural Features Required for Phospholipase A ₂ Inhibition. Journal of Organic Chemistry, 2004, 69, 5712-5719.	1.7	55
51	Ag-Catalyzed Asymmetric Mannich Reactions of Enol Ethers with Aryl, Alkyl, Alkenyl, and Alkynyl Imines. Journal of the American Chemical Society, 2004, 126, 3734-3735.	6.6	187
52	Multiple Component Reactions: An Efficient Nickel-Catalyzed Reformatsky-Type Reaction and Its Application in the Parallel Synthesis of β -Amino Carbonyl Libraries. Journal of Organic Chemistry, 2003, 68, 2143-2150.	1.7	87
53	New Tandem Catalysis: Preparation of Cyclic Enol Ethers Through a Ruthenium-Catalyzed Ring-Closing Metathesis-Olefin Isomerization Sequence.. ChemInform, 2003, 34, no.	0.1	0
54	Intramolecular Cycloadditions of Cyclobutadiene with Olefins.. ChemInform, 2003, 34, no.	0.1	0

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55	High-Throughput Methods for the Development of New Catalytic Asymmetric Reactions. <i>ChemInform</i> , 2003, 34, no.	0.1	0
56	Multiple Component Reactions: An Efficient Nickel-Catalyzed Reformatsky-Type Reaction and Its Application in the Parallel Synthesis of Î²-Amino Carbonyl Libraries.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
57	Efficient and Practical Ag-Catalyzed Cycloadditions Between Arylimines and the Danishefsky Diene.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
58	A Stereoselective Enyne Cross Metathesis.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
59	Three-Component Enantioselective Synthesis of Propargylamines through Zr-Catalyzed Additions of Alkyl Zinc Reagents to Alkynylimines. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4244-4247.	7.2	142
60	Total Synthesis of Anti-HIV Agent Chloropectin I. <i>Journal of the American Chemical Society</i> , 2003, 125, 9032-9034.	6.6	166
61	Ring-Opening Metathesis/Oxy-Cope Rearrangement:Â A New Strategy for the Synthesis of Bicyclic Medium Ring-Containing Compounds. <i>Journal of the American Chemical Society</i> , 2003, 125, 14901-14904.	6.6	41
62	Intramolecular Cycloadditions of Cyclobutadiene with Dienes:Â Experimental and Computational Studies of the Competing (2 + 2) and (4 + 2) Modes of Reaction. <i>Journal of the American Chemical Society</i> , 2003, 125, 16310-16321.	6.6	55
63	Enantioselective Synthesis of Propargylamines through Zr-Catalyzed Addition of Mixed Alkynylzinc Reagents to Arylimines. <i>Organic Letters</i> , 2003, 5, 3273-3275.	2.4	144
64	Efficient and Practical Ag-Catalyzed Cycloadditions between Arylimines and the Danishefsky Diene. <i>Journal of the American Chemical Society</i> , 2003, 125, 4018-4019.	6.6	153
65	A Stereoselective Enyne Cross Metathesis. <i>Organic Letters</i> , 2003, 5, 1855-1858.	2.4	75
66	New Reactions: Introducing Molecular Strain to Access Molecular Complexity. , 2003, , 60.		0
67	Total Syntheses of (+)- and (âˆ™)-Cacospongionolide B:â€ New Insight into Structural Requirements for Phospholipase A2 Inhibition. <i>Journal of the American Chemical Society</i> , 2002, 124, 11584-11585.	6.6	46
68	Intramolecular Cycloadditions of Cyclobutadiene with Olefins. <i>Journal of the American Chemical Society</i> , 2002, 124, 14748-14758.	6.6	49
69	Stereodivergent Synthesis of All 15-F2Isoprostanes. <i>Journal of the American Chemical Society</i> , 2002, 124, 10998-11000.	6.6	55
70	New Tandem Catalysis:Â Preparation of Cyclic Enol Ethers through a Ruthenium-Catalyzed Ring-Closing Metathesisâˆ™Olefin Isomerization Sequence. <i>Journal of the American Chemical Society</i> , 2002, 124, 13390-13391.	6.6	273
71	High-throughput methods for the development of new catalytic asymmetric reactions. <i>Drug Discovery Today</i> , 2002, 7, 1002-1012.	3.2	67
72	Aluminum-Catalyzed Asymmetric Addition of TMS-CN to Aromatic and Aliphatic Ketones Promoted by an Easily Accessible and Recyclable Peptide Ligand. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1009-1012.	7.2	140

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73	Three-Component Catalytic Asymmetric Synthesis of Aliphatic Amines. <i>Journal of the American Chemical Society</i> , 2001, 123, 10409-10410.	6.6	162
74	New Approach to Bicyclo [5.3.0] Ring Systems. <i>Journal of the American Chemical Society</i> , 2001, 123, 5152-5153.	6.6	30
75	Enantioselective Synthesis of Arylamines Through Zr-Catalyzed Addition of Dialkylzincs to Imines. Reaction Development by Screening of Parallel Libraries. <i>Journal of the American Chemical Society</i> , 2001, 123, 984-985.	6.6	135
76	Intramolecular [2 + 2]- Photocycloaddition/Thermal Fragmentation Approach toward 5 α - β Ring Systems. <i>Organic Letters</i> , 2001, 3, 2819-2821.	2.4	47
77	S-adenosylmethionine reverses ilimaquinone's vesiculation of the Golgi apparatus. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001, 11, 133-136.	1.0	16
78	Mechanism of Enantioselective Ti-Catalyzed Strecker Reaction: β -Peptide-Based Metal Complexes as Bifunctional Catalysts. <i>Journal of the American Chemical Society</i> , 2001, 123, 11594-11599.	6.6	135
79	Ring opening metathesis approach to the isoprostanes. <i>Tetrahedron Letters</i> , 2000, 41, 9685-9689.	0.7	23
80	Ti-Catalyzed Regio- and Enantioselective Synthesis of Unsaturated β -Amino Nitriles, Amides, and Acids. Catalyst Identification through Screening of Parallel Libraries. <i>Journal of the American Chemical Society</i> , 2000, 122, 2657-2658.	6.6	118
81	Sequential Intramolecular Cyclobutadiene Cycloaddition, Ring-Opening Metathesis, and Cope Rearrangement: β -Total Syntheses of (+)- and (β)-Asteriscanolide. <i>Journal of the American Chemical Society</i> , 2000, 122, 8071-8072.	6.6	132
82	Combinatorial catalyst discovery. <i>Current Opinion in Chemical Biology</i> , 1999, 3, 313-319.	2.8	72
83	Interactions of (β)-ilimaquinone with methylation enzymes: implications for vesicular-mediated secretion. <i>Chemistry and Biology</i> , 1999, 6, 639-647.	6.2	34
84	Ti-Catalyzed Enantioselective Addition of Cyanide to Imines. A Practical Synthesis of Optically Pure β -Amino Acids. <i>Journal of the American Chemical Society</i> , 1999, 121, 4284-4285.	6.6	232
85	[2+2] Photocycloaddition/Thermal Retrocycloaddition. A New Entry into Functionalized 5-8-5 Ring Systems. <i>Journal of the American Chemical Society</i> , 1999, 121, 4534-4535.	6.6	38
86	New Reactivity from (PCy ₃) ₂ Cl ₂ RuCHPh: A Mild Catalyst for Kharasch Additions. <i>Journal of Organic Chemistry</i> , 1999, 64, 344-345.	1.7	105
87	Photoaffinity study of the cellular interactions of ilimaquinone. <i>Bioorganic and Medicinal Chemistry</i> , 1998, 6, 1227-1232.	1.4	19
88	High-Throughput Strategies for the Discovery of Catalysts. <i>Chemistry - A European Journal</i> , 1998, 4, 1885-1889.	1.7	162
89	Selective olefin metatheses: new tools for the organic chemist: A review. <i>Journal of Molecular Catalysis A</i> , 1998, 133, 29-40.	4.8	107
90	Intramolecular Cycloadditions between Cyclobutadiene and Dienes. <i>Journal of Organic Chemistry</i> , 1998, 63, 6440-6441.	1.7	27

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91	Ring-Opening Metathesis. A Ruthenium Catalyst Caught in the Act. <i>Journal of the American Chemical Society</i> , 1997, 119, 7157-7158.	6.6	175
92	New Tools for Studying Vesicular-Mediated Protein Trafficking:Â Synthesis and Evaluation of Ilimaquinone Analogs in a Non-Radioisotope-Based Antisecretory Assay. <i>Journal of Organic Chemistry</i> , 1997, 62, 2823-2831.	1.7	36
93	Regio- and Stereoselective Ring-Opening Cross-Metathesis. Rapid Entry into Functionalized Bicyclo[6.3.0] Ring Systems. <i>Journal of the American Chemical Society</i> , 1997, 119, 1478-1479.	6.6	106
94	Selectivity in ring-opening metatheses. <i>Tetrahedron</i> , 1997, 53, 16511-16520.	1.0	47
95	Search for Chiral Catalysts Through Ligand Diversity: Substrate-Specific Catalysts and Ligand Screening on Solid Phase. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 1704-1707.	4.4	143
96	Intramolecular Cycloadditions between Cyclobutadiene and Alkenes. <i>Journal of the American Chemical Society</i> , 1996, 118, 9196-9197.	6.6	51
97	Entwicklung von chiralen Katalysatoren durch kombinatorische Ligandenvariation â€“ Tiâ€katalysierte enantioselektive Addition von TMSCN an <i>meso</i>â€Epoxide. <i>Angewandte Chemie</i> , 1996, 108, 1776-1779.	1.6	89
98	Discovery of Chiral Catalysts through Ligand Diversity: Ti-Catalyzed Enantioselective Addition of TMSCN to meso Epoxides. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 1668-1671.	4.4	279
99	Total Synthesis of (-)-Ilimaquinone. <i>Journal of Organic Chemistry</i> , 1995, 60, 1114-1115.	1.7	54
100	Selective Ring-Opening Cross-Metathesis. Short Syntheses of Multifidene and Viridiene. <i>Journal of the American Chemical Society</i> , 1995, 117, 9610-9611.	6.6	103