Sonbinh T Nguyen

List of Publications by Year
in descending order

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283	81,502	3149 92	356 283
papers	citations	h-index	g-index

310	310	310	63801
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis of graphene-based nanosheets via chemical reduction of exfoliated graphite oxide. Carbon, 2007, 45, 1558-1565.	5.4	12,577
2	Graphene-based composite materials. Nature, 2006, 442, 282-286.	13.7	11,655
3	Metalâ€“organic framework materials as catalysts. Chemical Society Reviews, 2009, 38, 1450.	18.7	7,228
4	Preparation and characterization of graphene oxide paper. Nature, 2007, 448, 457-460.	13.7	5,074
5	Functionalized graphene sheets for polymer nanocomposites. Nature Nanotechnology, 2008, 3, 327-331.	15.6	3,206
6	Graphene Oxide, Highly Reduced Graphene Oxide, and Graphene: Versatile Building Blocks for Carbonâ€Based Materials. Small, 2010, 6, 711-723.	5.2	2,449
7	Stable aqueous dispersions of graphitic nanoplatelets via the reduction of exfoliated graphite oxide in the presence of poly(sodium 4-styrenesulfonate). Journal of Materials Chemistry, 2006, 16, 155-158.	6.7	2,416
8	Synthesis and exfoliation of isocyanate-treated graphene oxide nanoplatelets. Carbon, 2006, 44, 3342-3347.	5.4	2,132
9	Graphene Oxide Papers Modified by Divalent Ionsâ€”Enhancing Mechanical Properties via Chemical Cross-Linking. ACS Nano, 2008, 2, 572-578.	7.3	1,610
10	De novo synthesis of a metalâ€“organic framework material featuring ultrahigh surface area and gas storage capacities. Nature Chemistry, 2010, 2, 944-948.	6.6	1,535
11	Metalâ€“Organic Framework Materials with Ultrahigh Surface Areas: Is the Sky the Limit?. Journal of the American Chemical Society, 2012, 134, 15016-15021.	6.6	1,497
12	Ring-opening metathesis polymerization (ROMP) of norbornene by a Group VIII carbene complex in protic media. Journal of the American Chemical Society, 1992, 114, 3974-3975.	6.6	960
13	A metalâ€“organic framework material that functions as an enantioselective catalyst for olefin epoxidation. Chemical Communications, 2006, , 2563-2565.	2.2	920
14	Aqueous Suspension and Characterization of Chemically Modified Graphene Sheets. Chemistry of Materials, 2008, 20, 6592-6594.	3.2	905
15	Vapor-Phase Metalation by Atomic Layer Deposition in a Metalâ€“Organic Framework. Journal of the American Chemical Society, 2013, 135, 10294-10297.	6.6	821
16	Porous Organic Polymers in Catalysis: Opportunities and Challenges. ACS Catalysis, 2011, 1, 819-835.	5.5	818
17	Grapheneâ˜Silica Composite Thin Films as Transparent Conductors. Nano Letters, 2007, 7, 1888-1892.	4.5	813
18	Syntheses and activities of new single-component, ruthenium-based olefin metathesis catalysts. Journal of the American Chemical Society, 1993, 115, 9858-9859.	6.6	704

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19	Light-Harvesting Metalâ€“Organic Frameworks (MOFs): Efficient Strut-to-Strut Energy Transfer in Bodipy and Porphyrin-Based MOFs. Journal of the American Chemical Society, 2011, 133, 15858-15861.	6.6	702
20	Well-Defined Ruthenium Olefin Metathesis Catalysts:Â Mechanism and Activity. Journal of the American Chemical Society, 1997, 119, 3887-3897.	6.6	667
21	Chemical CO2Fixation:Â Cr(III) Salen Complexes as Highly Efficient Catalysts for the Coupling of CO2and Epoxides. Journal of the American Chemical Society, 2001, 123, 11498-11499.	6.6	628
22	Electrically Conductive â€œAlkylatedâ€•Graphene Paper via Chemical Reduction of Amineâ€Functionalized Graphene Oxide Paper. Advanced Materials, 2010, 22, 892-896.	11.1	568
23	Catalytic ring-closing metathesis of functionalized dienes by a ruthenium carbene complex. Journal of the American Chemical Society, 1993, 115, 9856-9857.	6.6	536
24	A Catalytically Active, Permanently Microporous MOF with Metalloporphyrin Struts. Journal of the American Chemical Society, 2009, 131, 4204-4205.	6.6	526
25	Highâ€Nanofillerâ€Content Graphene Oxideâ€“Polymer Nanocomposites via Vacuumâ€Assisted Selfâ€Assembly. Advanced Functional Materials, 2010, 20, 3322-3329.	7.8	489
26	Graphene Oxide Sheets Chemically Cross-Linked by Polyallylamine. Journal of Physical Chemistry C, 2009, 113, 15801-15804.	1.5	483
27	Crumpled Graphene Nanosheets as Highly Effective Barrier Property Enhancers. Advanced Materials, 2010, 22, 4759-4763.	11.1	420
28	Active-Site-Accessible, Porphyrinic Metalâ^'Organic Framework Materials. Journal of the American Chemical Society, 2011, 133, 5652-5655.	6.6	415
29	Tuning the Mechanical Properties of Graphene Oxide Paper and Its Associated Polymer Nanocomposites by Controlling Cooperative Intersheet Hydrogen Bonding. ACS Nano, 2012, 6, 2008-2019.	7.3	409
30	High Propene/Propane Selectivity in Isostructural Metalâ€“Organic Frameworks with High Densities of Open Metal Sites. Angewandte Chemie - International Edition, 2012, 51, 1857-1860.	7.2	392
31	Artificial Enzymes Formed through Directed Assembly of Molecular Square Encapsulated Epoxidation Catalysts. Angewandte Chemie - International Edition, 2001, 40, 4239-4242.	7.2	379
32	Simple and Compelling Biomimetic Metalâ€“Organic Framework Catalyst for the Degradation of Nerve Agent Simulants. Angewandte Chemie - International Edition, 2014, 53, 497-501.	7.2	364
33	Chemically Active Reduced Graphene Oxide with Tunable C/O Ratios. ACS Nano, 2011, 5, 4380-4391.	7.3	330
34	Bioâ€Inspired Borate Crossâ€Linking in Ultraâ€Stiff Graphene Oxide Thin Films. Advanced Materials, 2011, 23, 3842-3846.	11.1	293
35	Hybrid Nanoparticles with Block Copolymer Shell Structures. Journal of the American Chemical Society, 1999, 121, 462-463.	6.6	268
36	Kinetic Separation of Propene and Propane in Metalâ^'Organic Frameworks: Controlling Diffusion Rates in Plate-Shaped Crystals via Tuning of Pore Apertures and Crystallite Aspect Ratios. Journal of the American Chemical Society, 2011, 133, 5228-5231.	6.6	263

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37	A Supramolecular Approach to an Allosteric Catalyst. Journal of the American Chemical Society, 2003, 125, 10508-10509.	6.6	253
38	Prospects for nanoporous metal-organic materials in advanced separations processes. AICHE Journal, 2004, 50, 1090-1095.	1.8	249
39	Post-Synthesis Modification of a Metalâ€“Organic Framework To Form Metallosalen-Containing MOF Materials. Journal of the American Chemical Society, 2011, 133, 13252-13255.	6.6	243
40	Co(III) porphyrin/DMAP: an efficient catalyst system for the synthesis of cyclic carbonates from CO2 and epoxides. Tetrahedron Letters, 2004, 45, 2023-2026.	0.7	235
41	Non-Annealed Graphene Paper as a Binder-Free Anode for Lithium-Ion Batteries. Journal of Physical Chemistry C, 2010, 114, 12800-12804.	1.5	233
42	Successful Stabilization of Graphene Oxide in Electrolyte Solutions: Enhancement of Biofunctionalization and Cellular Uptake. ACS Nano, 2012, 6, 63-73.	7.3	232
43	Graphitic nanofillers in PMMA nanocompositesâ€”An investigation of particle size and dispersion and their influence on nanocomposite properties. Journal of Polymer Science, Part B: Polymer Physics, 2007, 45, 2097-2112.	2.4	228
44	Reactions of Ruthenium Carbenes of the Type (PPh3)2(X)2Ru:CH-CH:CPh2 (X = Cl and CF3COO) with Strained Acyclic Olefins and Functionalized Olefins. Journal of the American Chemical Society, 1995, 117, 5503-5511.	6.6	227
45	Selective Bifunctional Modification of a Non-catenated Metalâ^'Organic Framework Material via â€œClickâ€•Chemistry. Journal of the American Chemical Society, 2009, 131, 13613-13615.	6.6	224
46	Polymer-Caged Lipsomes:â€‰ A pH-Responsive Delivery System with High Stability. Journal of the American Chemical Society, 2007, 129, 15096-15097.	6.6	219
47	Imine-Linked Microporous Polymer Organic Frameworks. Chemistry of Materials, 2010, 22, 4974-4979.	3.2	218
48	Vanadium-Node-Functionalized UiO-66: A Thermally Stable MOF-Supported Catalyst for the Gas-Phase Oxidative Dehydrogenation of Cyclohexene. ACS Catalysis, 2014, 4, 2496-2500.	5.5	206
49	Designing Higher Surface Area Metalâ€“Organic Frameworks: Are Triple Bonds Better Than Phenyls?. Journal of the American Chemical Society, 2012, 134, 9860-9863.	6.6	198
50	Directed Assembly of Transition-Metal-Coordinated Molecular Loops and Squares from Salen-Type Components. Examples of Metalation-Controlled Structural Conversion. Journal of the American Chemical Society, 2004, 126, 6314-6326.	6.6	190
51	Polymer-Caged Nanobins for Synergistic Cisplatinâ^'Doxorubicin Combination Chemotherapy. Journal of the American Chemical Society, 2010, 132, 17130-17138.	6.6	190
52	Signal Amplification and Detection via a Supramolecular Allosteric Catalyst. Journal of the American Chemical Society, 2005, 127, 1644-1645.	6.6	185
53	The dual capture of As^V and As^{III} by UiO-66 and analogues. Chemical Science, 2016, 7, 6492-6498.	3.7	181
54	The syntheses and activities of polystyrene-supported olefin metathesis catalysts based on Cl2(PR3)2Ru = CHâ^'CH = CPh2. Journal of Organometallic Chemistry, 1995, 497, 195-200.	0.8	178

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55	Utility of a Ruthenium Metathesis Catalyst for the Preparation of End-Functionalized Polybutadiene. Macromolecules, 1997, 30, 718-721.	2.2	175
56	Evolution of Order During Vacuum-Assisted Self-Assembly of Graphene Oxide Paper and Associated Polymer Nanocomposites. ACS Nano, 2011, 5, 6601-6609.	7.3	172
57	Chiral (salen)Coiii catalyst for the synthesis of cyclic carbonatesElectronic supplementary information (ESI) available: general experimental procedures and analytical data for new compounds. See http://www.rsc.org/suppdata/cc/b4/b401543f/. Chemical Communications, 2004, , 1622.	2.2	169
58	Synthesis of catalytically active porous organic polymers from metalloporphyrin building blocks. Chemical Science, 2011, 2, 686.	3.7	168
59	Liposomal Spherical Nucleic Acids. Journal of the American Chemical Society, 2014, 136, 9866-9869.	6.6	167
60	Cavity-Tailored, Self-Sorting Supramolecular Catalytic Boxes for Selective Oxidation. Journal of the American Chemical Society, 2008, 130, 16828-16829.	6.6	164
61	Systematic Post-assembly Modification of Graphene Oxide Paper with Primary Alkylamines. Chemistry of Materials, 2010, 22, 4153-4157.	3.2	164
62	Polymerâ^'DNA Hybrids as Electrochemical Probes for the Detection of DNA. Journal of the American Chemical Society, 2005, 127, 1170-1178.	6.6	157
63	A â€œclick-basedâ€•porous organic polymer from tetrahedral building blocks. Journal of Materials Chemistry, 2011, 21, 1700.	6.7	156
64	Covalent surface modification of a metalâ€“organic framework: selective surface engineering via CuI-catalyzed Huisgen cycloaddition. Chemical Communications, 2008, , 5493.	2.2	155
65	A Zn-based, pillared paddlewheel MOF containing free carboxylic acids via covalent post-synthesis elaboration. Chemical Communications, 2009, , 3720.	2.2	149
66	A General High-Yield Route to Bis(salicylaldimine) Zinc(II) Complexes:Â Application to the Synthesis of Pyridine-Modified Salen-Type Zinc(II) Complexes. Inorganic Chemistry, 2001, 40, 3222-3227.	1.9	148
67	(Salen)chromium(III)/DMAP:â€‰ An Efficient Catalyst System for the Selective Synthesis of 5-Substituted Oxazolidinones from Carbon Dioxide and Aziridines. Organic Letters, 2004, 6, 2301-2304.	2.4	148
68	Enhanced Catalytic Activity through the Tuning of Micropore Environment and Supercritical CO₂ Processing: Al(Porphyrin)-Based Porous Organic Polymers for the Degradation of a Nerve Agent Simulant. Journal of the American Chemical Society, 2013, 135, 11720-11723.	6.6	147
69	The Mechanism of Aluminum-Catalyzed Meerweinâ^'Schmidtâ^'Ponndorfâ^'Verley Reduction of Carbonyls to Alcohols. Journal of the American Chemical Society, 2004, 126, 14796-14803.	6.6	146
70	Alternating Copolymerization of CO2and Propylene Oxide Catalyzed by CoIII(salen)/Lewis Base. Macromolecules, 2005, 38, 6251-6253.	2.2	133
71	Supramolecular Allosteric Cofacial Porphyrin Complexes. Journal of the American Chemical Society, 2006, 128, 16286-16296.	6.6	131
72	Reversibly Addressing an Allosteric Catalyst In Situ: Catalytic Molecular Tweezers. Angewandte Chemie - International Edition, 2004, 43, 5503-5507.	7.2	130

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73	Principles and Applications of Semiconductor Photoelectrochemistry. Progress in Inorganic Chemistry, 2007, , 21-144.	3.0	130
74	Gas-Phase Dimerization of Ethylene under Mild Conditions Catalyzed by MOF Materials Containing (bpy)Ni^{II} Complexes. ACS Catalysis, 2015, 5, 6713-6718.	5.5	127
75	Additive-free hydrogelation of graphene oxide by ultrasonication. Carbon, 2012, 50, 3399-3406.	5.4	125
76	(Salen)Tin Complexes:Â Syntheses, Characterization, Crystal Structures, and Catalytic Activity in the Formation of Propylene Carbonate from CO2and Propylene Oxide. Inorganic Chemistry, 2004, 43, 4315-4327.	1.9	115
77	Smart Nanoscale Drug Delivery Platforms from Stimuli-Responsive Polymers and Liposomes. Macromolecules, 2013, 46, 9169-9180.	2.2	114
78	Unsymmetrical salen-type ligands: high yield synthesis of salen-type Schiff bases containing two different benzaldehyde moieties. Tetrahedron Letters, 2001, 42, 1221-1225.	0.7	111
79	An Efficient and Highly Enantio- and Diastereoselective Cyclopropanation of Olefins Catalyzed by Schiff-Base Ruthenium(II) Complexes We thank the reviewers for their helpful comments. Support from the DuPont Company and the Beckman, Dreyfus, and Packard Foundations are gratefully acknowledged. S.T.N. is an Alfred P. Sloan Fellow.. Angewandte Chemie - International Edition, 2002, 41, 2953.	7.2	111
80	Polymer Blend Compatibilization by Gradient Copolymer Addition during Melt Processing:Â Stabilization of Dispersed Phase to Static Coarsening. Macromolecules, 2005, 38, 1037-1040.	2.2	111
81	Growth of Narrowly Dispersed Porphyrin Nanowires and Their Hierarchical Assembly into Macroscopic Columns. Journal of the American Chemical Society, 2008, 130, 9632-9633.	6.6	111
82	Selective Surface and Near-Surface Modification of a Noncatenated, Catalytically Active Metal-Organic Framework Material Based on Mn(salen) Struts. Inorganic Chemistry, 2011, 50, 3174-3176.	1.9	111
83	Catalytic Meerweinâ˜Ponndorfâ˜Verley Reduction by Simple Aluminum Complexes. Organic Letters, 2001, 3, 2391-2393.	2.4	110
84	Allosterically Regulated Supramolecular Catalysis of Acyl Transfer Reactions for Signal Amplification and Detection of Small Molecules. Journal of the American Chemical Society, 2007, 129, 10149-10158.	6.6	109
85	Photophysical and Energy-Transfer Properties of (Salen)zinc Complexes and Supramolecular Assemblies. European Journal of Inorganic Chemistry, 2003, 2003, 2348-2351.	1.0	104
86	Bioactive and Therapeutic ROMP Polymers. Polymer Reviews, 2007, 47, 419-459.	5.3	103
87	Bio-Inspired Carbon Nanotubeâ€“Polymer Composite Yarns with Hydrogen Bond-Mediated Lateral Interactions. ACS Nano, 2013, 7, 3434-3446.	7.3	103
88	DNAâ˜Block Copolymer Conjugates. Journal of the American Chemical Society, 2001, 123, 5592-5593.	6.6	100
89	Synthesis and Metalation of Catechol-Functionalized Porous Organic Polymers. Chemistry of Materials, 2012, 24, 1292-1296.	3.2	99
90	Rendering High Surface Area, Mesoporous Metalâ€“Organic Frameworks Electronically Conductive. ACS Applied Materials & Interfaces, 2017, 9, 12584-12591.	4.0	98

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91	Interfacial Acidities, Charge Densities, Potentials, and Energies of Carboxylic Acid-Functionalized Silica/Water Interfaces Determined by Second Harmonic Generation. Journal of the American Chemical Society, 2004, 126, 11754-11755.	6.6	97
92	Multifunctional Polymeric Nanoparticles from Diverse Bioactive Agents. Journal of the American Chemical Society, 2006, 128, 4168-4169.	6.6	97
93	Plasticity and ductility in graphene oxide through a mechanochemically induced damage tolerance mechanism. Nature Communications, 2015, 6, 8029.	5.8	95
94	Glass Transition Breadths and Composition Profiles of Weakly, Moderately, and Strongly Segregating Gradient Copolymers: Experimental Results and Calculations from Self-Consistent Mean-Field Theory. Macromolecules, 2009, 42, 7863-7876.	2.2	93
95	Comparative study of titanium-functionalized UiO-66: support effect on the oxidation of cyclohexene using hydrogen peroxide. Catalysis Science and Technology, 2015, 5, 4444-4451.	2.1	92
96	Ligand-elaboration as a strategy for engendering structural diversity in porous metalâ€“organic framework compounds. Chemical Communications, 2008, , 3672.	2.2	88
97	â€œClickableâ€•Polymer-Caged Nanobins as a Modular Drug Delivery Platform. Journal of the American Chemical Society, 2009, 131, 9311-9320.	6.6	88
98	Synthesis and Glass Transition Behavior of High Molecular Weight Styrene/4-Acetoxystyene and Styrene/4-Hydroxystyrene Gradient Copolymers Made via Nitroxide-Mediated Controlled Radical Polymerization. Macromolecules, 2004, 37, 5586-5595.	2.2	86
99	Extraordinary Improvement of the Graphitic Structure of Continuous Carbon Nanofibers Templated with Double Wall Carbon Nanotubes. ACS Nano, 2013, 7, 126-142.	7.3	84
100	Making â€œSenseâ€•of DNA. Journal of the American Chemical Society, 2007, 129, 7492-7493.	6.6	81
101	Improved Graphitic Structure of Continuous Carbon Nanofibers via Graphene Oxide Templating. Advanced Functional Materials, 2013, 23, 5763-5770.	7.8	81
102	Efficient and Selective Al-Catalyzed Alcohol Oxidation via Oppenauer Chemistry. Journal of the American Chemical Society, 2006, 128, 12596-12597.	6.6	79
103	Synthesis and application of styrene/4-hydroxystyrene gradient copolymers made by controlled radical polymerization: Compatibilization of immiscible polymer blends via hydrogen-bonding effects. Polymer, 2006, 47, 5799-5809.	1.8	77
104	Catalytic Solvolytic and Hydrolytic Degradation of Toxic Methyl Paraoxon with La(catecholate)-Functionalized Porous Organic Polymers. ACS Catalysis, 2013, 3, 1454-1459.	5.5	76
105	Carboxylic Acid- and Ester-Functionalized Siloxane Scaffolds on Glass Studied by Broadband Sum Frequency Generation. Journal of Physical Chemistry B, 2004, 108, 18675-18682.	1.2	75
106	Coordinative Self-Assembly and Solution-Phase X-ray Structural Characterization of Cavity-Tailored Porphyrin Boxes. Journal of the American Chemical Society, 2008, 130, 836-838.	6.6	75
107	Accessing functionalized porous aromatic frameworks (PAFs) through a de novo approach. CrystEngComm, 2013, 15, 1515-1519.	1.3	75
108	Cross-Linked Micellar Spherical Nucleic Acids from Thermoresponsive Templates. Journal of the American Chemical Society, 2017, 139, 4278-4281.	6.6	75

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109	Microphase Separation and Shear Alignment of Gradient Copolymers: Melt Rheology and Small-Angle X-Ray Scattering Analysis. Macromolecules, 2008, 41, 5818-5829.	2.2	74
110	Indomethacin-Containing Nanoparticles Derived from Amphiphilic Polynorbornene:Â A Model ROMP-Based Drug Encapsulation System. Macromolecules, 2004, 37, 8364-8372.	2.2	73
111	High-density doxorubicin-conjugated polymeric nanoparticles via ring-opening metathesis polymerization. Chemical Communications, 2005, , 3793.	2.2	70
112	Biological Evaluation of pH-Responsive Polymer-Caged Nanobins for Breast Cancer Therapy. ACS Nano, 2010, 4, 4971-4978.	7.3	70
113	The Role of Water in Mediating Interfacial Adhesion and Shear Strength in Graphene Oxide. ACS Nano, 2018, 12, 6089-6099.	7.3	70
114	Acid-Degradable Polymer-Caged Lipoplex (PCL) Platform for siRNA Delivery: Facile Cellular Triggered Release of siRNA. Journal of the American Chemical Society, 2013, 135, 17655-17658.	6.6	68
115	Key Factors Limiting Carbon Nanotube Yarn Strength: Exploring Processing-Structure-Property Relationships. ACS Nano, 2014, 8, 11454-11466.	7.3	68
116	Hierarchically porous organic polymers: highly enhanced gas uptake and transport through templated synthesis. Chemical Science, 2015, 6, 384-389.	3.7	68
117	Improved Rate Capability in a High-Capacity Layered Cathode Material via Thermal Reduction. Electrochemical and Solid-State Letters, 2011, 14, A126.	2.2	66
118	Effect of Sequence Distribution on Copolymer Interfacial Activity. Macromolecules, 2005, 38, 10494-10502.	2.2	63
119	[Bis(catechol)salen]Mn^{III} Coordination Polymers as Supportâ€Free Heterogeneous Asymmetric Catalysts for Epoxidation. European Journal of Inorganic Chemistry, 2007, 2007, 4863-4867.	1.0	62
120	A catalytically active vanadyl(catecholate)-decorated metal organic framework via post-synthesis modifications. CrystEngComm, 2012, 14, 4115.	1.3	62
121	Catalytic Olefin Cyclopropanation Using Î¼-Oxoâ^'bis[(salen)iron(III)] Complexes. Organometallics, 2003, 22, 3374-3381.	1.1	61
122	Complete Double Epoxidation of Divinylbenzene Using Mn(porphyrin)-Based Porous Organic Polymers. ACS Catalysis, 2015, 5, 4859-4866.	5.5	61
123	Toward Polymeric Anticancer Drug Cocktails from Ring-Opening Metathesis Polymerization. Macromolecules, 2001, 34, 3507-3509.	2.2	60
124	Tunable Biomolecular Interaction and Fluorescence Quenching Ability of Graphene Oxide: Application to â€œTurnâ€onâ€•DNA Sensing in Biological Media. Small, 2012, 8, 2469-2476.	5.2	60
125	Catalytic, Three-Component Assembly Reaction for the Synthesis of Pyrrolidines. Organic Letters, 2003, 5, 3487-3490.	2.4	59
126	Synthesis and Functionalization of ROMP-Based Gradient Copolymers of 5-Substituted Norbornenes. Macromolecules, 2004, 37, 5504-5512.	2.2	59

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127	Amphiphilic Porphyrin Nanocrystals: Morphology Tuning and Hierarchical Assembly. Advanced Materials, 2008, 20, 3543-3549.	11.1	59
128	A computational study of the mechanism of the [(salen)Cr + DMAP]-catalyzed formation of cyclic carbonates from CO₂ and epoxide. Chemical Communications, 2014, 50, 2676-2678.	2.2	59
129	Further studies of cluster-bound imido ligands. Imido-acyl coupling and promotion of the formation and carbonylation of imido ligands by halides. Organometallics, 1989, 8, 2127-2138.	1.1	58
130	Aluminum-based catalysts for the asymmetric Meerweinâ€“Schmidtâ€“Ponndorfâ€“Verleyâ€“Oppenauer (MSPVO) reaction manifold. Tetrahedron: Asymmetry, 2005, 16, 3460-3468.	1.8	58
131	Sc(OTf)3-catalyzed condensation of 2-alkyl-N-tosylaziridine with aldehydes or ketones: an efficient synthesis of 5-alkyl-1,3-oxazolidines. Chemical Communications, 2009, , 3928.	2.2	58
132	The Asymmetric Meerwein-Schmidt-Ponndorf-Verley Reduction of Prochiral Ketones with iPrOH Catalyzed by Al Catalysts. Angewandte Chemie - International Edition, 2002, 41, 1020-1022.	7.2	57
133	Enhancing the Stability and Immunomodulatory Activity of Liposomal Spherical Nucleic Acids through Lipidâ€Tail DNA Modifications. Small, 2018, 14, 1702909.	5.2	57
134	Enhanced activity of enantioselective (salen)Mn(III) epoxidation catalysts through supramolecular complexation. Journal of Molecular Catalysis A, 2001, 174, 15-20.	4.8	55
135	Enantioselective MSPV Reduction of Ketimines Using 2-Propanol and (BINOL)AlIII. Organic Letters, 2006, 8, 1229-1232.	2.4	55
136	Insights into Heterogeneous Atmospheric Oxidation Chemistry:â€‰ Development of a Tailor-Made Synthetic Model for Studying Tropospheric Surface Chemistry. Journal of Physical Chemistry C, 2007, 111, 1567-1578.	1.5	55
137	SnCl4-organic base: Highly efficient catalyst system for coupling reaction of CO2 and epoxides. Journal of Molecular Catalysis A, 2007, 261, 12-15.	4.8	55
138	Importance of the DNA â€œbondâ€•in programmable nanoparticle crystallization. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14995-15000.	3.3	55
139	Modular Polymerâ€Caged Nanobins as a Theranostic Platform with Enhanced Magnetic Resonance Relaxivity and pHâ€Responsive Drug Release. Angewandte Chemie - International Edition, 2010, 49, 9960-9964.	7.2	53
140	Experimental-Computational Study of Shear Interactions within Double-Walled Carbon Nanotube Bundles. Nano Letters, 2012, 12, 732-742.	4.5	53
141	Enhanced activity of manganese(III) porphyrin epoxidation catalysts through supramolecular complexation. Journal of Molecular Catalysis A, 2000, 156, 79-84.	4.8	52
142	Axial Ligand Effects: Utilization of Chiral Sulfoxide Additives for the Induction of Asymmetry in (Salen)ruthenium(ii) Olefin Cyclopropanation Catalysts. Angewandte Chemie - International Edition, 2005, 44, 3885-3889.	7.2	52
143	Imidazolinium Salts as Catalysts for the Ring-Opening Alkylation ofmesoEpoxides by Alkylaluminum Complexes. Organic Letters, 2001, 3, 2229-2231.	2.4	51
144	Sharp Melting Transitions in DNA Hybrids without Aggregate Dissolution:Â Proof of Neighboring-Duplex Cooperativity. Journal of the American Chemical Society, 2007, 129, 15535-15540.	6.6	51

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145	Stabilizing unstable species through single-site isolation: a catalytically active TaV trialkyl in a porous organic polymer. Chemical Science, 2013, 4, 2483.	3.7	51
146	Discovery of Highly Selective Alkyne Semihydrogenation Catalysts Based on Firstâ€Row Transitionâ€Metallated Porous Organic Polymers. Angewandte Chemie - International Edition, 2014, 53, 12055-12058.	7.2	51
147	Facile one-step solid-phase synthesis of multitopic organicâ€“DNA hybrids via â€œclickâ€•chemistry. Chemical Science, 2014, 5, 1091-1096.	3.7	50
148	Reactivity of triiron and triruthenium .mu.3-phenylimido clusters with alkynes, allene, and 1,3-cyclohexadiene. Organometallics, 1990, 9, 2386-2395.	1.1	49
149	A general route to pyridine-modified salicylaldehydes via Suzuki coupling. Tetrahedron Letters, 2001, 42, 2093-2096.	0.7	49
150	Supramolecular chemistry: Functional structures on the mesoscale. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 11849-11850.	3.3	49
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