

Sonbinh T Nguyen

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285
papers

72,917
citations

89
h-index

269
g-index

310
ext. papers

77,297
ext. citations

9.8
avg, IF

7.79
L-index

#	Paper	IF	Citations
285	Synthesis of graphene-based nanosheets via chemical reduction of exfoliated graphite oxide. <i>Carbon</i> , 2007 , 45, 1558-1565	10.4	11390
284	Graphene-based composite materials. <i>Nature</i> , 2006 , 442, 282-6	50.4	10555
283	Metal-organic framework materials as catalysts. <i>Chemical Society Reviews</i> , 2009 , 38, 1450-9	58.5	6514
282	Preparation and characterization of graphene oxide paper. <i>Nature</i> , 2007 , 448, 457-60	50.4	4556
281	Functionalized graphene sheets for polymer nanocomposites. <i>Nature Nanotechnology</i> , 2008 , 3, 327-31	28.7	2899
280	Stable aqueous dispersions of graphitic nanoplatelets via the reduction of exfoliated graphite oxide in the presence of poly(sodium 4-styrenesulfonate). <i>Journal of Materials Chemistry</i> , 2006 , 16, 155-158		2247
279	Graphene oxide, highly reduced graphene oxide, and graphene: versatile building blocks for carbon-based materials. <i>Small</i> , 2010 , 6, 711-23	11	2103
278	Synthesis and exfoliation of isocyanate-treated graphene oxide nanoplatelets. <i>Carbon</i> , 2006 , 44, 3342-3347	10.4	1956
277	Graphene oxide papers modified by divalent ions-enhancing mechanical properties via chemical cross-linking. <i>ACS Nano</i> , 2008 , 2, 572-8	16.7	1423
276	De novo synthesis of a metal-organic framework material featuring ultrahigh surface area and gas storage capacities. <i>Nature Chemistry</i> , 2010 , 2, 944-8	17.6	1350
275	Metal-organic framework materials with ultrahigh surface areas: is the sky the limit?. <i>Journal of the American Chemical Society</i> , 2012 , 134, 15016-21	16.4	1210
274	A metal-organic framework material that functions as an enantioselective catalyst for olefin epoxidation. <i>Chemical Communications</i> , 2006 , 2563-5	5.8	869
273	Aqueous Suspension and Characterization of Chemically Modified Graphene Sheets. <i>Chemistry of Materials</i> , 2008 , 20, 6592-6594	9.6	838
272	Ring-opening metathesis polymerization (ROMP) of norbornene by a Group VIII carbene complex in protic media. <i>Journal of the American Chemical Society</i> , 1992 , 114, 3974-3975	16.4	838
271	Graphene-silica composite thin films as transparent conductors. <i>Nano Letters</i> , 2007 , 7, 1888-92	11.5	759
270	Porous Organic Polymers in Catalysis: Opportunities and Challenges. <i>ACS Catalysis</i> , 2011 , 1, 819-835	13.1	699
269	Vapor-phase metalation by atomic layer deposition in a metal-organic framework. <i>Journal of the American Chemical Society</i> , 2013 , 135, 10294-7	16.4	659

268	Light-harvesting metal-organic frameworks (MOFs): efficient strut-to-strut energy transfer in bipyridyl and porphyrin-based MOFs. <i>Journal of the American Chemical Society</i> , 2011 , 133, 15858-61	16.4	622
267	Syntheses and activities of new single-component, ruthenium-based olefin metathesis catalysts. <i>Journal of the American Chemical Society</i> , 1993 , 115, 9858-9859	16.4	598
266	Well-Defined Ruthenium Olefin Metathesis Catalysts: Mechanism and Activity. <i>Journal of the American Chemical Society</i> , 1997 , 119, 3887-3897	16.4	595
265	Chemical CO ₂ fixation: Cr(III) salen complexes as highly efficient catalysts for the coupling of CO ₂ and epoxides. <i>Journal of the American Chemical Society</i> , 2001 , 123, 11498-9	16.4	554
264	Electrically conductive "alkylated" graphene paper via chemical reduction of amine-functionalized graphene oxide paper. <i>Advanced Materials</i> , 2010 , 22, 892-6	24	524
263	A catalytically active, permanently microporous MOF with metalloporphyrin struts. <i>Journal of the American Chemical Society</i> , 2009 , 131, 4204-5	16.4	490
262	Catalytic ring-closing metathesis of functionalized dienes by a ruthenium carbene complex. <i>Journal of the American Chemical Society</i> , 1993 , 115, 9856-9857	16.4	455
261	Graphene Oxide Sheets Chemically Cross-Linked by Polyallylamine. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 15801-15804	3.8	447
260	High-Nanofiller-Content Graphene Oxide/Polymer Nanocomposites via Vacuum-Assisted Self-Assembly. <i>Advanced Functional Materials</i> , 2010 , 20, 3322-3329	15.6	434
259	Active-site-accessible, porphyrinic metal-organic framework materials. <i>Journal of the American Chemical Society</i> , 2011 , 133, 5652-5	16.4	378
258	Crumpled graphene nanosheets as highly effective barrier property enhancers. <i>Advanced Materials</i> , 2010 , 22, 4759-63	24	374
257	Tuning the mechanical properties of graphene oxide paper and its associated polymer nanocomposites by controlling cooperative intersheet hydrogen bonding. <i>ACS Nano</i> , 2012 , 6, 2008-19	16.7	361
256	High propene/propane selectivity in isostructural metal-organic frameworks with high densities of open metal sites. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 1857-60	16.4	348
255	Artificial Enzymes Formed through Directed Assembly of Molecular Square Encapsulated Epoxidation Catalysts. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 4239-4242	16.4	342
254	Simple and compelling biomimetic metal-organic framework catalyst for the degradation of nerve agent simulants. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 497-501	16.4	306
253	Chemically active reduced graphene oxide with tunable C/O ratios. <i>ACS Nano</i> , 2011 , 5, 4380-91	16.7	295
252	Bio-inspired borate cross-linking in ultra-stiff graphene oxide thin films. <i>Advanced Materials</i> , 2011 , 23, 3842-6	24	245
251	Hybrid Nanoparticles with Block Copolymer Shell Structures. <i>Journal of the American Chemical Society</i> , 1999 , 121, 462-463	16.4	243

250	Prospects for nanoporous metal-organic materials in advanced separations processes. <i>AICHE Journal</i> , 2004 , 50, 1090-1095	3.6	241
249	A supramolecular approach to an allosteric catalyst. <i>Journal of the American Chemical Society</i> , 2003 , 125, 10508-9	16.4	237
248	Non-Annealed Graphene Paper as a Binder-Free Anode for Lithium-Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 12800-12804	3.8	223
247	Post-synthesis modification of a metal-organic framework to form metallosalen-containing MOF materials. <i>Journal of the American Chemical Society</i> , 2011 , 133, 13252-5	16.4	219
246	Co(III) porphyrin/DMAP: an efficient catalyst system for the synthesis of cyclic carbonates from CO ₂ and epoxides. <i>Tetrahedron Letters</i> , 2004 , 45, 2023-2026	2	213
245	Kinetic separation of propene and propane in metal-organic frameworks: controlling diffusion rates in plate-shaped crystals via tuning of pore apertures and crystallite aspect ratios. <i>Journal of the American Chemical Society</i> , 2011 , 133, 5228-31	16.4	211
244	Selective bifunctional modification of a non-catenated metal-organic framework material via "click" chemistry. <i>Journal of the American Chemical Society</i> , 2009 , 131, 13613-5	16.4	209
243	Polymer-caged liposomes: a pH-responsive delivery system with high stability. <i>Journal of the American Chemical Society</i> , 2007 , 129, 15096-7	16.4	206
242	Graphitic nanofillers in PMMA nanocomposites: An investigation of particle size and dispersion and their influence on nanocomposite properties. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2007 , 45, 2097-2112	2.6	204
241	Successful stabilization of graphene oxide in electrolyte solutions: enhancement of biofunctionalization and cellular uptake. <i>ACS Nano</i> , 2012 , 6, 63-73	16.7	203
240	Reactions of Ruthenium Carbenes of the Type (PPh ₃) ₂ (X)2Ru:CH-CH:CPh ₂ (X = Cl and CF ₃ COO) with Strained Acyclic Olefins and Functionalized Olefins. <i>Journal of the American Chemical Society</i> , 1995 , 117, 5503-5511	16.4	201
239	Imine-Linked Microporous Polymer Organic Frameworks. <i>Chemistry of Materials</i> , 2010 , 22, 4974-4979	9.6	198
238	Directed assembly of transition-metal-coordinated molecular loops and squares from salen-type components. Examples of metalation-controlled structural conversion. <i>Journal of the American Chemical Society</i> , 2004 , 126, 6314-26	16.4	185
237	Vanadium-Node-Functionalized UiO-66: A Thermally Stable MOF-Supported Catalyst for the Gas-Phase Oxidative Dehydrogenation of Cyclohexene. <i>ACS Catalysis</i> , 2014 , 4, 2496-2500	13.1	174
236	Signal amplification and detection via a supramolecular allosteric catalyst. <i>Journal of the American Chemical Society</i> , 2005 , 127, 1644-5	16.4	174
235	Polymer-caged nanobins for synergistic cisplatin-doxorubicin combination chemotherapy. <i>Journal of the American Chemical Society</i> , 2010 , 132, 17130-8	16.4	173
234	Designing higher surface area metal-organic frameworks: are triple bonds better than phenyls?. <i>Journal of the American Chemical Society</i> , 2012 , 134, 9860-3	16.4	170
233	Chiral (salen)Co(III) catalyst for the synthesis of cyclic carbonates. <i>Chemical Communications</i> , 2004 , 1622-38	3.8	158

232	Synthesis of catalytically active porous organic polymers from metalloporphyrin building blocks. <i>Chemical Science</i> , 2011 , 2, 686	9.4	157
231	Systematic Post-assembly Modification of Graphene Oxide Paper with Primary Alkylamines. <i>Chemistry of Materials</i> , 2010 , 22, 4153-4157	9.6	156
230	Cavity-tailored, self-sorting supramolecular catalytic boxes for selective oxidation. <i>Journal of the American Chemical Society</i> , 2008 , 130, 16828-9	16.4	154
229	The syntheses and activities of polystyrene-supported olefin metathesis catalysts based on $\text{Cl}_2(\text{PR}_3)_2\text{Ru} = \text{CHCH} = \text{CPh}_2$. <i>Journal of Organometallic Chemistry</i> , 1995 , 497, 195-200	2.3	153
228	Utility of a Ruthenium Metathesis Catalyst for the Preparation of End-Functionalized Polybutadiene. <i>Macromolecules</i> , 1997 , 30, 718-721	5.5	151
227	Covalent surface modification of a metal-organic framework: selective surface engineering via Cu(I)-catalyzed Huisgen cycloaddition. <i>Chemical Communications</i> , 2008 , 5493-5	5.8	148
226	Polymer-DNA hybrids as electrochemical probes for the detection of DNA. <i>Journal of the American Chemical Society</i> , 2005 , 127, 1170-8	16.4	146
225	A Zn-based, pillared paddlewheel MOF containing free carboxylic acids via covalent post-synthesis elaboration. <i>Chemical Communications</i> , 2009 , 3720-2	5.8	142
224	Evolution of order during vacuum-assisted self-assembly of graphene oxide paper and associated polymer nanocomposites. <i>ACS Nano</i> , 2011 , 5, 6601-9	16.7	140
223	A Click-based porous organic polymer from tetrahedral building blocks. <i>Journal of Materials Chemistry</i> , 2011 , 21, 1700		139
222	A general high-yield route to bis(salicylaldimine) zinc(II) complexes: application to the synthesis of pyridine-modified salen-type zinc(II) complexes. <i>Inorganic Chemistry</i> , 2001 , 40, 3222-7	5.1	138
221	Enhanced catalytic activity through the tuning of micropore environment and supercritical CO ₂ processing: Al(porphyrin)-based porous organic polymers for the degradation of a nerve agent simulant. <i>Journal of the American Chemical Society</i> , 2013 , 135, 11720-3	16.4	134
220	The dual capture of As and As by UiO-66 and analogues. <i>Chemical Science</i> , 2016 , 7, 6492-6498	9.4	132
219	(Salen)chromium(III)/DMAP: an efficient catalyst system for the selective synthesis of 5-substituted oxazolidinones from carbon dioxide and aziridines. <i>Organic Letters</i> , 2004 , 6, 2301-4	6.2	130
218	Alternating Copolymerization of CO ₂ and Propylene Oxide Catalyzed by Co(III)(salen)/Lewis Base. <i>Macromolecules</i> , 2005 , 38, 6251-6253	5.5	129
217	Reversibly addressing an allosteric catalyst in situ: catalytic molecular tweezers. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 5503-7	16.4	127
216	Liposomal spherical nucleic acids. <i>Journal of the American Chemical Society</i> , 2014 , 136, 9866-9	16.4	123
215	Supramolecular allosteric cofacial porphyrin complexes. <i>Journal of the American Chemical Society</i> , 2006 , 128, 16286-96	16.4	122

214	The mechanism of aluminum-catalyzed Meerwein-Schmidt-Ponndorf-Verley reduction of carbonyls to alcohols. <i>Journal of the American Chemical Society</i> , 2004 , 126, 14796-803	16.4	120
213	Additive-free hydrogelation of graphene oxide by ultrasonication. <i>Carbon</i> , 2012 , 50, 3399-3406	10.4	115
212	Gas-Phase Dimerization of Ethylene under Mild Conditions Catalyzed by MOF Materials Containing (bpy)NiII Complexes. <i>ACS Catalysis</i> , 2015 , 5, 6713-6718	13.1	109
211	(Salen)tin complexes: syntheses, characterization, crystal structures, and catalytic activity in the formation of propylene carbonate from CO(2) and propylene oxide. <i>Inorganic Chemistry</i> , 2004 , 43, 4315-27	5.1	106
210	Unsymmetrical salen-type ligands: high yield synthesis of salen-type Schiff bases containing two different benzaldehyde moieties. <i>Tetrahedron Letters</i> , 2001 , 42, 1221-1225	2	106
209	Selective surface and near-surface modification of a noncatenated, catalytically active metal-organic framework material based on Mn(salen) struts. <i>Inorganic Chemistry</i> , 2011 , 50, 3174-6	5.1	105
208	Growth of narrowly dispersed porphyrin nanowires and their hierarchical assembly into macroscopic columns. <i>Journal of the American Chemical Society</i> , 2008 , 130, 9632-3	16.4	104
207	Polymer Blend Compatibilization by Gradient Copolymer Addition during Melt Processing: Stabilization of Dispersed Phase to Static Coarsening. <i>Macromolecules</i> , 2005 , 38, 1037-1040	5.5	104
206	Allosterically regulated supramolecular catalysis of acyl transfer reactions for signal amplification and detection of small molecules. <i>Journal of the American Chemical Society</i> , 2007 , 129, 10149-58	16.4	103
205	Smart Nanoscale Drug Delivery Platforms from Stimuli-Responsive Polymers and Liposomes. <i>Macromolecules</i> , 2013 , 46, 9169-9180	5.5	102
204	Principles and Applications of Semiconductor Photoelectrochemistry. <i>Progress in Inorganic Chemistry</i> , 2007 , 21-144		100
203	An efficient and highly enantio- and diastereoselective cyclopropanation of olefins catalyzed by Schiff-base ruthenium(II) complexes. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 2953-6	16.4	100
202	Bioactive and Therapeutic ROMP Polymers. <i>Polymer Reviews</i> , 2007 , 47, 419-459	14	95
201	Interfacial acidities, charge densities, potentials, and energies of carboxylic acid-functionalized silica/water interfaces determined by second harmonic generation. <i>Journal of the American Chemical Society</i> , 2004 , 126, 11754-5	16.4	95
200	Photophysical and Energy-Transfer Properties of (Salen)zinc Complexes and Supramolecular Assemblies. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 2348-2351	2.3	95
199	Multifunctional polymeric nanoparticles from diverse bioactive agents. <i>Journal of the American Chemical Society</i> , 2006 , 128, 4168-9	16.4	94
198	DNA-block copolymer conjugates. <i>Journal of the American Chemical Society</i> , 2001 , 123, 5592-3	16.4	93
197	Catalytic Meerwein-Ponndorf-Verley reduction by simple aluminum complexes. <i>Organic Letters</i> , 2001 , 3, 2391-3	6.2	92

196	Synthesis and Metalation of Catechol-Functionalized Porous Organic Polymers. <i>Chemistry of Materials</i> , 2012 , 24, 1292-1296	9.6	89
195	Ligand-elaboration as a strategy for engendering structural diversity in porous metal-organic framework compounds. <i>Chemical Communications</i> , 2008 , 3672-4	5.8	85
194	"Clickable" polymer-caged nanobins as a modular drug delivery platform. <i>Journal of the American Chemical Society</i> , 2009 , 131, 9311-20	16.4	83
193	Synthesis and Glass Transition Behavior of High Molecular Weight Styrene/4-Acetoxystyrene and Styrene/4-Hydroxystyrene Gradient Copolymers Made via Nitroxide-Mediated Controlled Radical Polymerization. <i>Macromolecules</i> , 2004 , 37, 5586-5595	5.5	83
192	Glass Transition Breadths and Composition Profiles of Weakly, Moderately, and Strongly Segregating Gradient Copolymers: Experimental Results and Calculations from Self-Consistent Mean-Field Theory. <i>Macromolecules</i> , 2009 , 42, 7863-7876	5.5	82
191	Bio-inspired carbon nanotube-polymer composite yarns with hydrogen bond-mediated lateral interactions. <i>ACS Nano</i> , 2013 , 7, 3434-46	16.7	81
190	Rendering High Surface Area, Mesoporous Metal-Organic Frameworks Electronically Conductive. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 12584-12591	9.5	78
189	Carboxylic Acid- and Ester-Functionalized Siloxane Scaffolds on Glass Studied by Broadband Sum Frequency Generation. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 18675-18682	3.4	75
188	Artificial Enzymes Formed through Directed Assembly of Molecular Square Encapsulated Epoxidation Catalysts. <i>Angewandte Chemie</i> , 2001 , 113, 4369-4372	3.6	73
187	Plasticity and ductility in graphene oxide through a mechanochemically induced damage tolerance mechanism. <i>Nature Communications</i> , 2015 , 6, 8029	17.4	72
186	Making "sense" of DNA. <i>Journal of the American Chemical Society</i> , 2007 , 129, 7492-3	16.4	72
185	Microphase Separation and Shear Alignment of Gradient Copolymers: Melt Rheology and Small-Angle X-Ray Scattering Analysis. <i>Macromolecules</i> , 2008 , 41, 5818-5829	5.5	71
184	Comparative study of titanium-functionalized UiO-66: support effect on the oxidation of cyclohexene using hydrogen peroxide. <i>Catalysis Science and Technology</i> , 2015 , 5, 4444-4451	5.5	70
183	Extraordinary improvement of the graphitic structure of continuous carbon nanofibers templated with double wall carbon nanotubes. <i>ACS Nano</i> , 2013 , 7, 126-42	16.7	70
182	Simple and Compelling Biomimetic Metal-Organic Framework Catalyst for the Degradation of Nerve Agent Simulants. <i>Angewandte Chemie</i> , 2014 , 126, 507-511	3.6	70
181	Indomethacin-Containing Nanoparticles Derived from Amphiphilic Polynorbornene: A Model ROMP-Based Drug Encapsulation System. <i>Macromolecules</i> , 2004 , 37, 8364-8372	5.5	70
180	Coordinative self-assembly and solution-phase X-ray structural characterization of cavity-tailored porphyrin boxes. <i>Journal of the American Chemical Society</i> , 2008 , 130, 836-8	16.4	69
179	Synthesis and application of styrene/4-hydroxystyrene gradient copolymers made by controlled radical polymerization: Compatibilization of immiscible polymer blends via hydrogen-bonding effects. <i>Polymer</i> , 2006 , 47, 5799-5809	3.9	68

178	Accessing functionalized porous aromatic frameworks (PAFs) through a de novo approach. <i>CrystEngComm</i> , 2013 , 15, 1515-1519	3.3	66
177	Catalytic Solvolytic and Hydrolytic Degradation of Toxic Methyl Paraoxon with La(catecholate)-Functionalized Porous Organic Polymers. <i>ACS Catalysis</i> , 2013 , 3, 1454-1459	13.1	65
176	Improved Graphitic Structure of Continuous Carbon Nanofibers via Graphene Oxide Templating. <i>Advanced Functional Materials</i> , 2013 , 23, 5763-5770	15.6	65
175	Biological evaluation of pH-responsive polymer-caged nanobins for breast cancer therapy. <i>ACS Nano</i> , 2010 , 4, 4971-8	16.7	65
174	High-density doxorubicin-conjugated polymeric nanoparticles via ring-opening metathesis polymerization. <i>Chemical Communications</i> , 2005 , 3793-5	5.8	65
173	Improved Rate Capability in a High-Capacity Layered Cathode Material via Thermal Reduction. <i>Electrochemical and Solid-State Letters</i> , 2011 , 14, A126		63
172	Efficient and selective Al-catalyzed alcohol oxidation via Oppenauer chemistry. <i>Journal of the American Chemical Society</i> , 2006 , 128, 12596-7	16.4	63
171	Acid-degradable polymer-caged lipoplex (PCL) platform for siRNA delivery: facile cellular triggered release of siRNA. <i>Journal of the American Chemical Society</i> , 2013 , 135, 17655-8	16.4	62
170	Hierarchically porous organic polymers: highly enhanced gas uptake and transport through templated synthesis. <i>Chemical Science</i> , 2015 , 6, 384-389	9.4	61
169	[Bis(catechol)salen]Mn(III) Coordination Polymers as Support-Free Heterogeneous Asymmetric Catalysts for Epoxidation. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 4863-4867	2.3	60
168	High Propene/Propane Selectivity in Isostructural Metal-Organic Frameworks with High Densities of Open Metal Sites. <i>Angewandte Chemie</i> , 2012 , 124, 1893-1896	3.6	59
167	Effect of Sequence Distribution on Copolymer Interfacial Activity. <i>Macromolecules</i> , 2005 , 38, 10494-10502	9.5	57
166	Catalytic Olefin Cyclopropanation Using Oxobis[(salen)iron(III)] Complexes. <i>Organometallics</i> , 2003 , 22, 3374-3381	3.8	57
165	Synthesis and Functionalization of ROMP-Based Gradient Copolymers of 5-Substituted Norbornenes. <i>Macromolecules</i> , 2004 , 37, 5504-5512	5.5	57
164	Key factors limiting carbon nanotube yarn strength: exploring processing-structure-property relationships. <i>ACS Nano</i> , 2014 , 8, 11454-66	16.7	56
163	A computational study of the mechanism of the [(salen)Cr + DMAP]-catalyzed formation of cyclic carbonates from CO ₂ and epoxide. <i>Chemical Communications</i> , 2014 , 50, 2676-8	5.8	56
162	Amphiphilic Porphyrin Nanocrystals: Morphology Tuning and Hierarchical Assembly. <i>Advanced Materials</i> , 2008 , 20, 3543-3549	24	55
161	Toward Polymeric Anticancer Drug Cocktails from Ring-Opening Metathesis Polymerization. <i>Macromolecules</i> , 2001 , 34, 3507-3509	5.5	55

160	Tunable biomolecular interaction and fluorescence quenching ability of graphene oxide: application to "turn-on" DNA sensing in biological media. <i>Small</i> , 2012 , 8, 2469-76	11	54
159	Catalytic, three-component assembly reaction for the synthesis of pyrrolidines. <i>Organic Letters</i> , 2003 , 5, 3487-90	6.2	54
158	Cross-Linked Micellar Spherical Nucleic Acids from Thermoresponsive Templates. <i>Journal of the American Chemical Society</i> , 2017 , 139, 4278-4281	16.4	53
157	A catalytically active vanadyl(catecholate)-decorated metal organic framework via post-synthesis modifications. <i>CrystEngComm</i> , 2012 , 14, 4115	3.3	53
156	Insights into Heterogeneous Atmospheric Oxidation Chemistry: Development of a Tailor-Made Synthetic Model for Studying Tropospheric Surface Chemistry. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 1567-1578	3.8	53
155	Complete Double Epoxidation of Divinylbenzene Using Mn(porphyrin)-Based Porous Organic Polymers. <i>ACS Catalysis</i> , 2015 , 5, 4859-4866	13.1	52
154	SnCl ₄ -organic base: Highly efficient catalyst system for coupling reaction of CO ₂ and epoxides. <i>Journal of Molecular Catalysis A</i> , 2007 , 261, 12-15		52
153	Sc(OTf) ₃ -catalyzed condensation of 2-alkyl-N-tosylaziridine with aldehydes or ketones: an efficient synthesis of 5-alkyl-1,3-oxazolidines. <i>Chemical Communications</i> , 2009 , 3928-30	5.8	51
152	Modular polymer-caged nanobins as a theranostic platform with enhanced magnetic resonance relaxivity and pH-responsive drug release. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 9960-4	16.4	51
151	Enhanced activity of enantioselective (salen)Mn(III) epoxidation catalysts through supramolecular complexation. <i>Journal of Molecular Catalysis A</i> , 2001 , 174, 15-20		50
150	Experimental-computational study of shear interactions within double-walled carbon nanotube bundles. <i>Nano Letters</i> , 2012 , 12, 732-42	11.5	49
149	Sharp melting transitions in DNA hybrids without aggregate dissolution: proof of neighboring-duplex cooperativity. <i>Journal of the American Chemical Society</i> , 2007 , 129, 15535-40	16.4	49
148	Enantioselective MSPV reduction of ketimines using 2-propanol and (BINOL)Al(III). <i>Organic Letters</i> , 2006 , 8, 1229-32	6.2	49
147	The asymmetric Meerwein-Schmidt-Ponndorf-Verley reduction of prochiral ketones with iPrOH catalyzed by Al catalysts. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 1020-2	16.4	49
146	Aluminum-based catalysts for the asymmetric Meerwein-Schmidt-Ponndorf-Verley-Dppenauer (MSPVO) reaction manifold. <i>Tetrahedron: Asymmetry</i> , 2005 , 16, 3460-3468		49
145	Enhanced activity of manganese(III) porphyrin epoxidation catalysts through supramolecular complexation. <i>Journal of Molecular Catalysis A</i> , 2000 , 156, 79-84		48
144	Further studies of cluster-bound imido ligands. Imido-acyl coupling and promotion of the formation and carbonylation of imido ligands by halides. <i>Organometallics</i> , 1989 , 8, 2127-2138	3.8	48
143	Facile one-step solid-phase synthesis of multitopic organic-DNA hybrids via click chemistry. <i>Chemical Science</i> , 2014 , 5, 1091-1096	9.4	47

142	Compatibilized polymer blends with nanoscale or sub-micron dispersed phases achieved by hydrogen-bonding effects: Block copolymer vs blocky gradient copolymer addition. <i>Polymer</i> , 2008 , 49, 2686-2697	3.9	47
141	trans-Cyclopropyl beta-amino acid derivatives via asymmetric cyclopropanation using a (Salen)Ru(II) catalyst. <i>Journal of Organic Chemistry</i> , 2003 , 68, 7884-6	4.2	47
140	Stabilizing unstable species through single-site isolation: a catalytically active TaV trialkyl in a porous organic polymer. <i>Chemical Science</i> , 2013 , 4, 2483	9.4	46
139	Axial ligand effects: utilization of chiral sulfoxide additives for the induction of asymmetry in (salen)ruthenium(II) olefin cyclopropanation catalysts. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 3885-9	16.4	46
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