Sonbinh T Nguyen

List of Publications by Year
in descending order

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283 papers	81,502 citations	3159 92 h-index	357 283 g-index
310 all docs	310 docs citations	310 times ranked	63801 citing authors

#	Article	IF	Citations
1	(Catecholate)Cu ^I ₂ -Displayed Porous Organic Polymers as Efficient Heterogeneous Catalysts for the Mild and Selective Aerobic Oxidation of Alcohols. CCS Chemistry, 2023, 5, 445-454.	7.8	2
2	Improving and stabilizing fluorinated aryl borane catalysts for epoxide ring-opening. Applied Catalysis A: General, 2022, 636, 118601.	4.3	4
3	Transport Diffusion of Linear Alkanes (C₅â€“C₁₆) through Thin Films of ZIF-8 as Assessed by Quartz Crystal Microgravimetry. Langmuir, 2021, 37, 9405-9414.	3.5	9
4	Atomistic mechanisms of adhesion and shear strength in graphene oxide-polymer interfaces. Journal of the Mechanics and Physics of Solids, 2021, 156, 104578.	4.8	10
5	Promoter Effects on Catalyst Selectivity and Stability for Propylene Partial Oxidation to Acrolein. Catalysis Letters, 2020, 150, 826-836.	2.6	1
6	Visualizing Transparent 2D Sheets by Fluorescence Quenching Microscopy. Small Methods, 2020, 4, 2000036.	8.6	6
7	Template-Assisted, Seed-Mediated Synthesis of Hierarchically Mesoporous Coreâ€“Shell UiO-66: Enhancing Adsorption Capacity and Catalytic Activity through Iterative Growth. Chemistry of Materials, 2020, 32, 4292-4302.	6.7	19
8	Assembly of Short-Chain Amphiphilic Homopolymers into Well-Defined Particles. Langmuir, 2020, 36, 4548-4555.	3.5	7
9	Stiffening of graphene oxide films by soft porous sheets. Nature Communications, 2019, 10, 3677.	12.8	48
10	Atomically Thin Polymer Layer Enhances Toughness of Graphene Oxide Monolayers. Matter, 2019, 1, 369-388.	10.0	32
11	Strong Influence of the Nucleophile on the Rate and Selectivity of 1,2-Epoxyoctane Ring Opening Catalyzed by Tris(pentafluorophenyl)borane, B(C₆F₅)₃. ACS Catalysis, 2019, 9, 11589-11602.	11.2	14
12	Enhancing the Regioselectivity of B(C₆F₅)₃-Catalyzed Epoxide Alcoholysis Reactions Using Hydrogen-Bond Acceptors. ACS Catalysis, 2019, 9, 9663-9670.	11.2	19
13	Elucidating the mechanism of the UiO-66-catalyzed sulfide oxidation: activity and selectivity enhancements through changes in the node coordination environment and solvent. Catalysis Science and Technology, 2019, 9, 327-335.	4.1	40
14	Supramolecular Assembly of High-Density Lipoprotein Mimetic Nanoparticles Using Lipid-Conjugated Core Scaffolds. Journal of the American Chemical Society, 2019, 141, 9753-9757.	13.7	23
15	Nanoscale toughening of ultrathin graphene oxide-polymer composites: mechanochemical insights into hydrogen-bonding/van der Waals interactions, polymer chain alignment, and steric parameters. Nanoscale, 2019, 11, 12305-12316.	5.6	22
16	Matching the Activity of Homogeneous Sulfonic Acids: The Fructose-to-HMF Conversion Catalyzed by Hierarchically Porous Sulfonic-Acid-Functionalized Porous Organic Polymer (POP) Catalysts. ACS Sustainable Chemistry and Engineering, 2019, 7, 8126-8135.	6.7	42
17	EcoMat: Join us in the pursuit of functional materials for green energy and environment. EcoMat, 2019, 1, e12009.	11.9	0
18	Controlled Nanofabrication of Uniform Continuous Graphene Oxide/Polyacrylonitrile Nanofibers for Templated Carbonization. Journal of Micro and Nano-Manufacturing, 2019, 7, .	0.7	2

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19	Highly Stable, Ultrasmall Polymer-Grafted Nanobins (usPGNs) with Stimuli-Responsive Capability. Journal of Physical Chemistry Letters, 2018, 9, 1133-1139.	4.6	3
20	Formulation and validation of a reduced order model of 2D materials exhibiting a two-phase microstructure as applied to graphene oxide. Journal of the Mechanics and Physics of Solids, 2018, 112, 66-88.	4.8	26
21	Enhancing the Stability and Immunomodulatory Activity of Liposomal Spherical Nucleic Acids through Lipidâ€Tail DNA Modifications. Small, 2018, 14, 1702909.	10.0	57
22	Mechanism of Regioselective Ring-Opening Reactions of 1,2-Epoxyoctane Catalyzed by Tris(pentafluorophenyl)borane: A Combined Experimental, Density Functional Theory, and Microkinetic Study. ACS Catalysis, 2018, 8, 11119-11133.	11.2	31
23	The Role of Water in Mediating Interfacial Adhesion and Shear Strength in Graphene Oxide. ACS Nano, 2018, 12, 6089-6099.	14.6	70
24	Cross-Linked Micellar Spherical Nucleic Acids from Thermoresponsive Templates. Journal of the American Chemical Society, 2017, 139, 4278-4281.	13.7	75
25	Rendering High Surface Area, Mesoporous Metalâ€“Organic Frameworks Electronically Conductive. ACS Applied Materials & Interfaces, 2017, 9, 12584-12591.	8.0	98
26	Drug-Loaded Polymeric Spherical Nucleic Acids: Enhancing Colloidal Stability and Cellular Uptake of Polymeric Nanoparticles through DNA Surface-Functionalization. Biomacromolecules, 2017, 18, 483-489.	5.4	47
27	Supported Aluminum Catalysts for Olefin Hydrogenation. ACS Catalysis, 2017, 7, 689-694.	11.2	25
28	Triblock peptideâ€“oligonucleotide chimeras (POCs): programmable biomolecules for the assembly of morphologically tunable and responsive hybrid materials. Chemical Communications, 2017, 53, 12221-12224.	4.1	8
29	Coupling Molecular and Nanoparticle Catalysts on Single Metalâ€“Organic Framework Microcrystals for the Tandem Reaction of H₂O₂ Generation and Selective Alkene Oxidation. ACS Catalysis, 2017, 7, 6691-6698.	11.2	34
30	Thermal Conductivity of ZIF-8 Thin-Film under Ambient Gas Pressure. ACS Applied Materials & Interfaces, 2017, 9, 28139-28143.	8.0	46
31	The competing effects of core rigidity and linker flexibility in the nanoassembly of trivalent small molecule-DNA hybrids (SMDH₃s)â€“a synergistic experimental-modeling study. Nanoscale, 2017, 9, 12652-12663.	5.6	3
32	The Significance of Multivalent Bonding Motifs and â€œBond Orderâ€•in DNA-Directed Nanoparticle Crystallization. Journal of the American Chemical Society, 2016, 138, 6119-6122.	13.7	22
33	The dual capture of As^V and As^{III} by UiO-66 and analogues. Chemical Science, 2016, 7, 6492-6498.	7.4	181
34	Plasticity and ductility in graphene oxide through a mechanochemically induced damage tolerance mechanism. Nature Communications, 2015, 6, 8029.	12.8	95
35	Synthesis and Catalytic Hydrogenation Reactivity of a Chromium Catecholate Porous Organic Polymer. Organometallics, 2015, 34, 947-952.	2.3	27
36	Epoxidation of the Commercially Relevant Divinylbenzene with [tetrakis-(Pentafluorophenyl)porphyrinato]iron(III) Chloride and Its Derivatives. Industrial & Engineering Chemistry Research, 2015, 54, 922-927.	3.7	12

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37	Molecular-Level Engineering of Adhesion in Carbon Nanomaterial Interfaces. Nano Letters, 2015, 15, 4504-4516.	9.1	25
38	Entropy-Driven Crystallization Behavior in DNA-Mediated Nanoparticle Assembly. Nano Letters, 2015, 15, 5545-5551.	9.1	39
39	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.	4.1	92
40	Hierarchically porous organic polymers: highly enhanced gas uptake and transport through templated synthesis. Chemical Science, 2015, 6, 384-389.	7.4	68
41	Complete Double Epoxidation of Divinylbenzene Using Mn(porphyrin)-Based Porous Organic Polymers. ACS Catalysis, 2015, 5, 4859-4866.	11.2	61
42	Directed Assembly of Nucleic Acid-Based Polymeric Nanoparticles from Molecular Tetravalent Cores. Journal of the American Chemical Society, 2015, 137, 8184-8191.	13.7	31
43	Gas-Phase Dimerization of Ethylene under Mild Conditions Catalyzed by MOF Materials Containing (bpy)Ni^{II} Complexes. ACS Catalysis, 2015, 5, 6713-6718.	11.2	127
44	Enhancing DNA-Mediated Assemblies of Supramolecular Cage Dimers through Tuning Core Flexibility and DNA Lengthâ€"A Combined Experimentalâ€"Modeling Study. Journal of the American Chemical Society, 2015, 137, 13381-13388.	13.7	16
45	Intramolecular ring-opening from a CO₂-derived nucleophile as the origin of selectivity for 5-substituted oxazolidinone from the (salen)Cr-catalyzed [aziridine + CO₂] coupling. Chemical Science, 2015, 6, 1293-1300.	7.4	47
46	Simple and Compelling Biomimetic Metalâ€"Organic Framework Catalyst for the Degradation of Nerve Agent Simulants. Angewandte Chemie - International Edition, 2014, 53, 497-501.	13.8	364
47	[(Salcen)Cr^{III} + Lewis base]-catalyzed synthesis of N-aryl-substituted oxazolidinones from epoxides and aryl isocyanates. Chemical Communications, 2014, 50, 15187-15190.	4.1	45
48	Defectâ€Tolerant Nanocomposites through Bioâ€Inspired Stiffness Modulation. Advanced Functional Materials, 2014, 24, 2883-2891.	14.9	28
49	Efficient Carbene and Carbyne Formation in Molybdenum(0) and Tungsten(0) Dinitrogen Complexes. Organometallics, 2014, 33, 1120-1125.	2.3	5
50	High propylene/propane adsorption selectivity in a copper(catecholate)-decorated porous organic polymer. Journal of Materials Chemistry A, 2014, 2, 299-302.	10.3	46
51	Key Factors Limiting Carbon Nanotube Yarn Strength: Exploring Processing-Structure-Property Relationships. ACS Nano, 2014, 8, 11454-11466.	14.6	68
52	Metalâ€"Organic Frameworks Containing (Alkynyl)Gold Functionalities: A Comparative Evaluation of Solvent-Assisted Linker Exchange, de Novo Synthesis, and Post-synthesis Modification. Crystal Growth and Design, 2014, 14, 6320-6324.	3.0	24
53	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.	4.1	59
54	A dual approach to tuning the porosity of porous organic polymers: controlling the porogen size and supercritical CO₂processing. Chemical Science, 2014, 5, 782-787.	7.4	28

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55	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.	11.2	206
56	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.	7.1	55
57	Discovery of Highly Selective Alkyne Semihydrogenation Catalysts Based on Firstâ€Row Transitionâ€Metallated Porous Organic Polymers. Angewandte Chemie - International Edition, 2014, 53, 12055-12058.	13.8	51
58	Hydrophobic Organic Linkers in the Self-Assembly of Small Molecule-DNA Hybrid Dimers: A Computationalâ€“Experimental Study of the Role of Linkage Direction in Product Distributions and Stabilities. Journal of Physical Chemistry B, 2014, 118, 2366-2376.	2.6	10
59	Inherent carbonaceous impurities on arc-discharge multiwalled carbon nanotubes and their implications for nanoscale interfaces. Carbon, 2014, 80, 1-11.	10.3	13
60	Rhodium Catechol Containing Porous Organic Polymers: Defined Catalysis for Single-Site and Supported Nanoparticulate Materials. Organometallics, 2014, 33, 2517-2522.	2.3	22
61	Liposomal Spherical Nucleic Acids. Journal of the American Chemical Society, 2014, 136, 9866-9869.	13.7	167
62	Computational Study of Propylene and Propane Binding in Metalâ€“Organic Frameworks Containing Highly Exposed Cu⁺ or Ag⁺ Cations. Journal of Physical Chemistry C, 2014, 118, 9086-9092.	3.1	21
63	Facile one-step solid-phase synthesis of multitopic organicâ€“DNA hybrids via â€œclickâ€•chemistry. Chemical Science, 2014, 5, 1091-1096.	7.4	50
64	Design, Synthesis, Characterization, and Catalytic Properties of a Large-Pore Metal-Organic Framework Possessing Single-Site Vanadyl(monocatecholate) Moieties. Crystal Growth and Design, 2013, 13, 3528-3534.	3.0	43
65	Hierarchical Structure and Properties of Graphene Oxide Papers. Journal of Applied Mechanics, Transactions ASME, 2013, 80, .	2.2	15
66	Smart Nanoscale Drug Delivery Platforms from Stimuli-Responsive Polymers and Liposomes. Macromolecules, 2013, 46, 9169-9180.	4.8	114
67	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.	13.7	68
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.	13.7	147
69	The role of viscosity on polymer ink transport in dip-pen nanolithography. Chemical Science, 2013, 4, 2093.	7.4	44
70	Extraordinary Improvement of the Graphitic Structure of Continuous Carbon Nanofibers Templated with Double Wall Carbon Nanotubes. ACS Nano, 2013, 7, 126-142.	14.6	84
71	Removal of airborne toxic chemicals by porous organic polymers containing metalâ€“catecholates. Chemical Communications, 2013, 49, 2995.	4.1	39
72	Bio-Inspired Carbon Nanotubeâ€“Polymer Composite Yarns with Hydrogen Bond-Mediated Lateral Interactions. ACS Nano, 2013, 7, 3434-3446.	14.6	103

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73	Atomistic Investigation of Load Transfer Between DWNT Bundles â€œCrosslinkedâ€•by PMMA Oligomers. Advanced Functional Materials, 2013, 23, 1883-1892.	14.9	48
74	Catalytic Solvolytic and Hydrolytic Degradation of Toxic Methyl Paraoxon with La(catecholate)-Functionalized Porous Organic Polymers. ACS Catalysis, 2013, 3, 1454-1459.	11.2	76
75	Stabilizing unstable species through single-site isolation: a catalytically active TaV trialkyl in a porous organic polymer. Chemical Science, 2013, 4, 2483.	7.4	51
76	Tuning the Hydrophobicity of Zinc Dipyridyl Paddlewheel Metalâ€“Organic Frameworks for Selective Sorption. Crystal Growth and Design, 2013, 13, 2938-2942.	3.0	22
77	Improved Graphitic Structure of Continuous Carbon Nanofibers via Graphene Oxide Templating. Advanced Functional Materials, 2013, 23, 5763-5770.	14.9	81
78	Vapor-Phase Metalation by Atomic Layer Deposition in a Metalâ€“Organic Framework. Journal of the American Chemical Society, 2013, 135, 10294-10297.	13.7	821
79	Accessing functionalized porous aromatic frameworks (PAFs) through a de novo approach. CrystEngComm, 2013, 15, 1515-1519.	2.6	75
80	pHâ€Responsive Theranostic Polymerâ€Caged Nanobins: Enhanced Cytotoxicity and T₁ MRI Contrast by Her2 Targeting. Particle and Particle Systems Characterization, 2013, 30, 770-774.	2.3	11
81	Carbon Nanotubes: Atomistic Investigation of Load Transfer Between DWNT Bundles â€œCrosslinkedâ€•by PMMA Oligomers (Adv. Funct. Mater. 15/2013). Advanced Functional Materials, 2013, 23, 1976-1976.	14.9	0
82	Graphene: Improved Graphitic Structure of Continuous Carbon Nanofibers via Graphene Oxide Templating (Adv. Funct. Mater. 46/2013). Advanced Functional Materials, 2013, 23, 5762-5762.	14.9	2
83	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.	14.6	409
84	Cyclic metalloporphyrin dimers and tetramers: tunable shape-selective hosts for fullerenes. Dalton Transactions, 2012, 41, 12156.	3.3	11
85	Enhanced catalytic decomposition of a phosphate triester by modularly accessible bimetallic porphyrin dyads and dimers. Chemical Communications, 2012, 48, 4178.	4.1	39
86	Arylsilanated SiO_x Surfaces for Mild and Simple Two-Step Click Functionalization with Small Molecules and Oligonucleotides. Journal of Physical Chemistry C, 2012, 116, 19886-19892.	3.1	17
87	Zinc Ionâ€“Hydroxyl Interactions at Undecanol-Functionalized Fused Silica/Water Interfaces Using the Eisenthal Ï‡⁽³⁾ Technique. Journal of Physical Chemistry C, 2012, 116, 7016-7020.	3.1	15
88	Synthesis and Metalation of Catechol-Functionalized Porous Organic Polymers. Chemistry of Materials, 2012, 24, 1292-1296.	6.7	99
89	One-Pot Synthesis of Mo⁰ Dinitrogen Complexes Possessing Monodentate and Multidentate Phosphine Ligands. Inorganic Chemistry, 2012, 51, 3051-3058.	4.0	13
90	Metalâ€“Organic Framework Materials with Ultrahigh Surface Areas: Is the Sky the Limit?. Journal of the American Chemical Society, 2012, 134, 15016-15021.	13.7	1,497

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91	Conductivity through Polymer Electrolytes and Its Implications in Lithium-Ion Batteries: Real-World Application of Periodic Trends. Journal of Chemical Education, 2012, 89, 1442-1446.	2.3	12
92	Catalytically active supramolecular porphyrin boxes: acceleration of the methanolysis of phosphate triesters via a combination of increased local nucleophilicity and reactant encapsulation. Chemical Science, 2012, 3, 1938.	7.4	45
93	Designing Higher Surface Area Metalâ€“Organic Frameworks: Are Triple Bonds Better Than Phenyls?. Journal of the American Chemical Society, 2012, 134, 9860-9863.	13.7	198
94	Enhancing the Melting Properties of Small Molecule-DNA Hybrids through Designed Hydrophobic Interactions: An Experimental-Computational Study. Journal of the American Chemical Society, 2012, 134, 7450-7458.	13.7	33
95	Improved anti-proliferative effect of doxorubicin-containing polymer nanoparticles upon surface modification with cationic groups. Journal of Materials Chemistry, 2012, 22, 25463.	6.7	16
96	Two Large-Pore Metalâ€“Organic Frameworks Derived from a Single Polytopic Strut. Crystal Growth and Design, 2012, 12, 1075-1080.	3.0	31
97	Experimental-Computational Study of Shear Interactions within Double-Walled Carbon Nanotube Bundles. Nano Letters, 2012, 12, 732-742.	9.1	53
98	Exfoliation and Reassembly of Cobalt Oxide Nanosheets into a Reversible Lithiumâ€ion Battery Cathode. Small, 2012, 8, 1110-1116.	10.0	34
99	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.	10.0	60
100	Successful Stabilization of Graphene Oxide in Electrolyte Solutions: Enhancement of Biofunctionalization and Cellular Uptake. ACS Nano, 2012, 6, 63-73.	14.6	232
101	A catalytically active vanadyl(catecholate)-decorated metal organic framework via post-synthesis modifications. CrystEngComm, 2012, 14, 4115.	2.6	62
102	Additive-free hydrogelation of graphene oxide by ultrasonication. Carbon, 2012, 50, 3399-3406.	10.3	125
103	High Propene/Propane Selectivity in Isostructural Metalâ€“Organic Frameworks with High Densities of Open Metal Sites. Angewandte Chemie - International Edition, 2012, 51, 1857-1860.	13.8	392
104	Synthesis of catalytically active porous organic polymers from metalloporphyrin building blocks. Chemical Science, 2011, 2, 686.	7.4	168
105	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.	13.7	263
106	Chemically Active Reduced Graphene Oxide with Tunable C/O Ratios. ACS Nano, 2011, 5, 4380-4391.	14.6	330
107	Evolution of Order During Vacuum-Assisted Self-Assembly of Graphene Oxide Paper and Associated Polymer Nanocomposites. ACS Nano, 2011, 5, 6601-6609.	14.6	172
108	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.	13.7	702

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109	Luminescent infinite coordination polymer materials from metal-terpyridine ligation. Dalton Transactions, 2011, 40, 9189.	3.3	22
110	Porous Organic Polymers in Catalysis: Opportunities and Challenges. ACS Catalysis, 2011, 1, 819-835.	11.2	818
111	A â€œclick-basedâ€•porous organic polymer from tetrahedral building blocks. Journal of Materials Chemistry, 2011, 21, 1700.	6.7	156
112	Post-Synthesis Modification of a Metalâ€“Organic Framework To Form Metallosalen-Containing MOF Materials. Journal of the American Chemical Society, 2011, 133, 13252-13255.	13.7	243
113	Active-Site-Accessible, Porphyrinic Metalâ˜Organic Framework Materials. Journal of the American Chemical Society, 2011, 133, 5652-5655.	13.7	415
114	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.	4.0	111
115	Bioâ€Inspired Borate Crossâ€Linking in Ultraâ€Stiff Graphene Oxide Thin Films. Advanced Materials, 2011, 23, 3842-3846.	21.0	293
116	Triggered Release of Pharmacophores from [Ni(HAsO₃)]-Loaded Polymer-Caged Nanobin Enhances Pro-apoptotic Activity: A Combined Experimental and Theoretical Study. ACS Nano, 2011, 5, 3961-3969.	14.6	48
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	Building Conjugated Organic Structures on Si(111) Surfaces via Microwave-Assisted Sonogashira Coupling. Langmuir, 2010, 26, 3771-3773.	3.5	15
119	Highâ€Nanofillerâ€Content Graphene Oxideâ€“Polymer Nanocomposites via Vacuumâ€Assisted Selfâ€Assembly. Advanced Functional Materials, 2010, 20, 3322-3329.	14.9	489
120	Electrically Conductive â€œAlkylatedâ€•Graphene Paper via Chemical Reduction of Amineâ€Functionalized Graphene Oxide Paper. Advanced Materials, 2010, 22, 892-896.	21.0	568
121	Crumpled Graphene Nanosheets as Highly Effective Barrier Property Enhancers. Advanced Materials, 2010, 22, 4759-4763.	21.0	420
122	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.	13.8	53
123	4â€Acetoxystyrene nitroxideâ€mediated controlled radical polymerization: Comparison with styrene. Journal of Applied Polymer Science, 2010, 118, 740-750.	2.6	2
124	Graphene Oxide, Highly Reduced Graphene Oxide, and Graphene: Versatile Building Blocks for Carbonâ€Based Materials. Small, 2010, 6, 711-723.	10.0	2,449
125	De novo synthesis of a metalâ€“organic framework material featuring ultrahigh surface area and gas storage capacities. Nature Chemistry, 2010, 2, 944-948.	13.6	1,535
126	Systematic Post-assembly Modification of Graphene Oxide Paper with Primary Alkylamines. Chemistry of Materials, 2010, 22, 4153-4157.	6.7	164

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127	Behavior of Gradient Copolymers at Liquid/Liquid Interfaces. Langmuir, 2010, 26, 3261-3267.	3.5	31
128	Non-Annealed Graphene Paper as a Binder-Free Anode for Lithium-Ion Batteries. Journal of Physical Chemistry C, 2010, 114, 12800-12804.	3.1	233
129	Imine-Linked Microporous Polymer Organic Frameworks. Chemistry of Materials, 2010, 22, 4974-4979.	6.7	218
130	Cooperative Melting in Caged Dimers with Only Two DNA Duplexes. Journal of the American Chemical Society, 2010, 132, 17068-17070.	13.7	42
131	Biological Evaluation of pH-Responsive Polymer-Caged Nanobins for Breast Cancer Therapy. ACS Nano, 2010, 4, 4971-4978.	14.6	70
132	Zinc Interactions with Glucosamine-Functionalized Fused Silica/Water Interfaces. Journal of Physical Chemistry C, 2010, 114, 19483-19488.	3.1	21
133	Polymer-Caged Nanobins for Synergistic Cisplatinâ^'Doxorubicin Combination Chemotherapy. Journal of the American Chemical Society, 2010, 132, 17130-17138.	13.7	190
134	â€œClickableâ€•polymer nanoparticles: a modular scaffold for surface functionalization. Chemical Communications, 2010, 46, 5277.	4.1	40
135	Microkinetic analysis of the epoxidation of styrene catalyzed by (porphyrin)Mn encapsulated in molecular squares. Journal of Catalysis, 2009, 266, 145-155.	6.2	12
136	Highly Cooperative Behavior of Peptide Nucleic Acidâ€Linked DNAâ€Modified Goldâ€Nanoparticle and Combâ€Polymer Aggregates. Advanced Materials, 2009, 21, 706-709.	21.0	42
137	Metalâ€“organic framework materials as catalysts. Chemical Society Reviews, 2009, 38, 1450.	38.1	7,228
138	Atomic-scale X-ray structural analysis of self-assembled monolayers on Silicon. European Physical Journal: Special Topics, 2009, 167, 33-39.	2.6	5
139	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.	4.8	93
140	DNA at Aqueous/Solid Interfaces: Chirality-Based Detection via Second Harmonic Generation Activity. Journal of the American Chemical Society, 2009, 131, 844-848.	13.7	35
141	Probing Surface-Adlayer Conjugation on Organic-Modified Si(111) Surfaces with Microscopy, Scattering, Spectroscopy, and Density Functional Theory. Journal of Physical Chemistry C, 2009, 113, 2919-2927.	3.1	10
142	A Catalytically Active, Permanently Microporous MOF with Metalloporphyrin Struts. Journal of the American Chemical Society, 2009, 131, 4204-4205.	13.7	526
143	Probing Exciton Localization/Delocalization: Transient dc Photoconductivity Studies of Excited States of Symmetrical Porphyrin Monomers, Oligomers, and Supramolecular Assemblies. Journal of Physical Chemistry A, 2009, 113, 8182-8186.	2.5	8
144	A Zn-based, pillared paddlewheel MOF containing free carboxylic acids via covalent post-synthesis elaboration. Chemical Communications, 2009, , 3720.	4.1	149

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145	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.	13.7	224
146	â€œClickableâ€•Polymer-Caged Nanobins as a Modular Drug Delivery Platform. Journal of the American Chemical Society, 2009, 131, 9311-9320.	13.7	88
147	Synthesis and in vitro activity of ROMP-based polymer nanoparticles. Journal of Materials Chemistry, 2009, 19, 2159.	6.7	31
148	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.	4.1	58
149	Graphene Oxide Sheets Chemically Cross-Linked by Polyallylamine. Journal of Physical Chemistry C, 2009, 113, 15801-15804.	3.1	483
150	Amphiphilic Porphyrin Nanocrystals: Morphology Tuning and Hierarchical Assembly. Advanced Materials, 2008, 20, 3543-3549.	21.0	59
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