

# Yuta Nishina

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

138  
papers

3,278  
citations

28  
h-index

53  
g-index

169  
ext. papers

3,871  
ext. citations

6.2  
avg, IF

5.88  
L-index

#	Paper	IF	Citations
138	Design of a graphene oxide-BODIPY conjugate for glutathione depletion and photodynamic therapy. <i>2D Materials</i> , <b>2022</b> , 9, 015038	5.9	1
137	Oxidation-degree-dependent moisture-induced actuation of a graphene oxide film.. <i>RSC Advances</i> , <b>2022</b> , 12, 3372-3379	3.7	
136	Uniform coating of magnesium oxide crystal with reduced graphene oxide achieves moisture barrier performance. <i>Applied Surface Science</i> , <b>2022</b> , 573, 151483	6.7	2
135	Coordination chemistry for innovative carbon-related materials. <i>Coordination Chemistry Reviews</i> , <b>2022</b> , 466, 214577	23.2	0
134	Electrochemical Production of Graphene Analogs from Various Graphite Materials. <i>Chemistry Letters</i> , <b>2021</b> , 50, 503-509	1.7	2
133	Enhanced photocatalytic activity and stability of TiO <sub>2</sub> /graphene oxide composites coatings by electrophoresis deposition. <i>Materials Letters</i> , <b>2021</b> , 286, 129258	3.3	8
132	Simulating the redox potentials of unexplored phenazine derivatives as electron mediators for biofuel cells. <i>JPhys Energy</i> , <b>2021</b> , 3, 034008	4.9	1
131	The carbonization of aromatic molecules with three-dimensional structures affords carbon materials with controlled pore sizes at the Ångstrom-level. <i>Communications Chemistry</i> , <b>2021</b> , 4,	6.3	6
130	Fiber-crafted biofuel cell bracelet for wearable electronics. <i>Biosensors and Bioelectronics</i> , <b>2021</b> , 179, 113108	10.8	6
129	A glutathione responsive nanoplatfrom made of reduced graphene oxide and MnO <sub>2</sub> nanoparticles for photothermal and chemodynamic combined therapy. <i>Carbon</i> , <b>2021</b> , 178, 783-791	10.4	14
128	Pure electric and magnetic fields applied to reduced graphene oxide for defect repair and oxygen removal. <i>Carbon</i> , <b>2021</b> , 171, 10-15	10.4	4
127	Unveiling the Mechanism of Polymer Grafting on Graphene for Functional Composites: The Behavior of Radicals. <i>Macromolecular Rapid Communications</i> , <b>2021</b> , 42, e2000577	4.8	1
126	Exploring Structures and Dynamics of Molecular Assemblies: Ultrafast Time-Resolved Electron Diffraction Measurements. <i>Accounts of Chemical Research</i> , <b>2021</b> , 54, 731-743	24.3	9
125	Co and Ni assisted CdS@g-C <sub>3</sub> N <sub>4</sub> nanohybrid: A photocatalytic system for efficient hydrogen evolution reaction. <i>Materials Chemistry and Physics</i> , <b>2021</b> , 259, 124140	4.4	6
124	High-sorption terpyridine-graphene oxide hybrid for the efficient removal of heavy metal ions from wastewater. <i>Nanoscale</i> , <b>2021</b> , 13, 10490-10499	7.7	4
123	Insights into carbon nanotube-assisted electro-oxidation of polycyclic aromatic hydrocarbons for mediated bioelectrocatalysis. <i>Chemical Communications</i> , <b>2021</b> , 57, 8957-8960	5.8	0
122	Reaction between Graphene Oxide and Intracellular Glutathione Affects Cell Viability and Proliferation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 3528-3535	9.5	6

121	Constructing monolithic sulfur cathodes with multifunctional N,P dual-doped carbon nanocages to achieve high-areal-capacity lithium-sulfur batteries. <i>FlatChem</i> , <b>2021</b> , 28, 100253	5.1	1
120	Chemical and electrochemical synthesis of graphene oxide. <i>Tanso</i> , <b>2021</b> , 2021, 115-120	0.1	
119	Enabling the fast lithium storage of large-scalable $\text{Fe}_2\text{O}_3$ /Carbon nanoarchitecture anode material with an ultralong cycle life. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2021</b> , 101, 379-386	6.3	14
118	Covalent double functionalization of graphene oxide for proton conductive and redox-active functions. <i>Applied Materials Today</i> , <b>2021</b> , 24, 101120	6.6	3
117	Disposable electrochemical glucose sensor based on water-soluble quinone-based mediators with flavin adenine dinucleotide-dependent glucose dehydrogenase. <i>Biosensors and Bioelectronics</i> , <b>2021</b> , 189, 113357	11.8	3
116	Tracking the light-driven layer stacking of graphene oxide. <i>Carbon</i> , <b>2021</b> , 183, 612-619	10.4	1
115	Bulk-scale synthesis of randomly stacked graphene with high crystallinity. <i>Carbon</i> , <b>2021</b> , 185, 368-375	10.4	1
114	High-density monolithic pellets of double-sided graphene fragments based on zeolite-templated carbon. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 7503-7507	13	3
113	Biodegradation of graphene materials catalyzed by human eosinophil peroxidase. <i>Faraday Discussions</i> , <b>2021</b> , 227, 189-203	3.6	12
112	Covalent functionalization of carbon materials with redox-active organic molecules for energy storage. <i>Nanoscale</i> , <b>2021</b> , 13, 36-50	7.7	14
111	Graphene-based carbocatalysts for carbon-carbon bond formation. <i>Nanoscale</i> , <b>2020</b> , 12, 12210-12227	7.7	19
110	Chemical and electrochemical synthesis of graphene oxide - a generalized view. <i>Nanoscale</i> , <b>2020</b> , 12, 12731-12740	7.7	33
109	Carbon-rich materials with three-dimensional ordering at the angstrom level. <i>Chemical Science</i> , <b>2020</b> , 11, 5866-5873	9.4	17
108	A needle-type biofuel cell using enzyme/mediator/carbon nanotube composite fibers for wearable electronics. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 165, 112287	11.8	20
107	Structural Optimization of Alkylbenzenes as Graphene Dispersants. <i>Processes</i> , <b>2020</b> , 8, 238	2.9	1
106	Grafting conductive polymers on graphene oxide through cross-linker: a stepwise approach. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 13718-13724	13	9
105	A Simple and Robust Functionalization of Graphene for Advanced Energy Devices. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 12736-12742	9.5	11
104	Tailoring the interaction between graphene oxide and antibacterial pyridinium salts by terminal functional groups. <i>Carbon</i> , <b>2020</b> , 160, 204-210	10.4	2

103	Analyzing Dynamic Chemical States of Palladium Supported on Graphene Oxide by X-ray Absorption Fine Structure under Oxidative and Reductive Environments. <i>Chemistry Letters</i> , <b>2020</b> , 49, 1337-1340	1.7	
102	Graphene oxide: A new direction in dentistry. <i>Applied Materials Today</i> , <b>2020</b> , 19, 100576	6.6	24
101	A Flexible Method for Covalent Double Functionalization of Graphene Oxide. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 1542-1547	16.4	30
100	Non-destructive, uniform, and scalable electrochemical functionalization and exfoliation of graphite. <i>Carbon</i> , <b>2020</b> , 158, 356-363	10.4	20
99	A Flexible Method for Covalent Double Functionalization of Graphene Oxide. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 1558-1563	3.6	6
98	Functionalized Graphene Oxide Shields Tooth Dentin from Decalcification. <i>Journal of Dental Research</i> , <b>2020</b> , 99, 182-188	8.1	14
97	Sophisticated rGO synthesis and pre-lithiation unlocking full-cell lithium-ion battery high-rate performances. <i>Electrochimica Acta</i> , <b>2020</b> , 363, 137257	6.7	2
96	Iron nanoparticle templates for constructing 3D graphene framework with enhanced performance in sodium-ion batteries. <i>Nanoscale</i> , <b>2020</b> , 12, 21780-21787	7.7	3
95	Is carboxylation an efficient method for graphene oxide functionalization?. <i>Nanoscale Advances</i> , <b>2020</b> , 2, 4085-4092	5.1	6
94	Bottom-up synthesis of nitrogen-doped nanocarbons by a combination of metal catalysis and a solution plasma process. <i>Nanoscale Advances</i> , <b>2020</b> , 2, 4417-4420	5.1	1
93	Diazonium Electrografting vs. Physical Adsorption of Azure A at Carbon Nanotubes for Mediated Glucose Oxidation with FAD-GDH. <i>ChemElectroChem</i> , <b>2020</b> , 7, 4543-4549	4.3	9
92	Robust sandwiched fluorinated graphene for highly reliable flexible electronics. <i>Applied Surface Science</i> , <b>2020</b> , 499, 143839	6.7	10
91	Dehydrogenative Coupling of Toluene Promoted by Multi-Walled Carbon Nanotubes. <i>Catalysis Letters</i> , <b>2020</b> , 150, 256-262	2.8	2
90	Adsorption enhancement of nitrogen gas by atomically heterogeneous nanospace of boron nitride.. <i>RSC Advances</i> , <b>2020</b> , 11, 838-846	3.7	0
89	Selective Reduction Mechanism of Graphene Oxide Driven by the Photon Mode the Thermal Mode. <i>ACS Nano</i> , <b>2019</b> , 13, 10103-10112	16.7	21
88	Selective Hydrogenation by Carbocatalyst: The Role of Radicals. <i>Organic Letters</i> , <b>2019</b> , 21, 8164-8168	6.2	12
87	Ir-Catalyzed Reduction of Carbonyl Compounds Using Biogenetic Alcohols. <i>Inorganics</i> , <b>2019</b> , 7, 114	2.9	2
86	"Ultramixing": A Simple and Effective Method To Obtain Controlled and Stable Dispersions of Graphene Oxide in Cell Culture Media. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 7695-7702	9.5	25

85	Force-driven reversible liquid-gas phase transition mediated by elastic nanosponges. <i>Nature Communications</i> , <b>2019</b> , 10, 2559	17.4	25
84	Bipolar anodic electrochemical exfoliation of graphite powders. <i>Electrochemistry Communications</i> , <b>2019</b> , 104, 106475	5.1	20
83	Chemical Functionalization of Graphitic Nanocarbons <b>2019</b> , 31-50		
82	Improved Synthesis of Graphene-Like Materials and Their Application. <i>Nanostructure Science and Technology</i> , <b>2019</b> , 371-386	0.9	
81	Polymer-Brush-Decorated Graphene Oxide: Precision Synthesis and Liquid-Crystal Formation. <i>Langmuir</i> , <b>2019</b> , 35, 10900-10909	4	10
80	A Biodegradable Multifunctional Graphene Oxide Platform for Targeted Cancer Therapy. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1901761	15.6	30
79	Influence of pressure of nitrogen gas on structure and thermoelectric properties of acid-treated PEDOT:PSS films. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2019</b> , 30, 13534-13542	2.1	3
78	Electrosynthesis of Pyrenediones on Carbon Nanotube Electrodes for Efficient Electron Transfer with FAD-dependent Glucose Dehydrogenase in Biofuel Cell Anodes. <i>ChemElectroChem</i> , <b>2019</b> , 6, 5242-5247	4.3	12
77	High-throughput screening of bioactive compounds via new catalytic reaction in the pooled mixture. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2019</b> , 29, 126539	2.9	2
76	Graphene oxide size and oxidation degree govern its supramolecular interactions with siRNA. <i>Nanoscale</i> , <b>2018</b> , 10, 5965-5974	7.7	20
75	New insertion support device assisted the accurate placement of tunneled cuffed catheter: First experience of 10 cases. <i>Journal of Vascular Access</i> , <b>2018</b> , 19, 501-505	1.8	
74	A facile synthesis of a SnO <sub>2</sub> /Graphene oxide nano-nano composite and its photoreactivity. <i>Materials Chemistry and Physics</i> , <b>2018</b> , 212, 149-154	4.4	8
73	Investigation of active sites for CH functionalization on carbon-based catalyst: Effect of nitrogen-containing functional groups and radicals. <i>Journal of Catalysis</i> , <b>2018</b> , 365, 344-350	7.3	11
72	Specific growth inhibitors of <i>Ralstonia solanacearum</i> , <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> , <i>X. campestris</i> pv. <i>campestris</i> , and <i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> . <i>Microbiological Research</i> , <b>2018</b> , 215, 29-35	5.3	4
71	Simultaneous improvement in electrical conductivity and Seebeck coefficient of PEDOT:PSS by N pressure-induced nitric acid treatment.. <i>RSC Advances</i> , <b>2018</b> , 8, 36563-36570	3.7	12
70	Metaheuristic Ab Initio Optimum Search for Doping Effects in Nanocarbons. <i>Materials Science Forum</i> , <b>2018</b> , 941, 2356-2359	0.4	1
69	Tribological properties of oxidized wood-derived nanocarbons with same surface chemical composition as graphene oxide for additives in water-based lubricants. <i>Diamond and Related Materials</i> , <b>2018</b> , 90, 101-108	3.5	5
68	Nucleophilic fluoroalkylation/cyclization route to fluorinated phthalides. <i>Beilstein Journal of Organic Chemistry</i> , <b>2018</b> , 14, 182-186	2.5	4

67	Effects of preparation method on the properties of cobalt supported Zeolite catalysts for Fischer-Tropsch synthesis. <i>Catalysis Today</i> , <b>2017</b> , 291, 124-132	5.3	15
66	SWCNT Photocatalyst for Hydrogen Production from Water upon Photoexcitation of (8, 3) SWCNT at 680-nm Light. <i>Scientific Reports</i> , <b>2017</b> , 7, 43445	4.9	21
65	Real-Time, in Situ Monitoring of the Oxidation of Graphite: Lessons Learned. <i>Chemistry of Materials</i> , <b>2017</b> , 29, 2150-2156	9.6	50
64	Surfactant modified graphene oxide laminates for filtration. <i>Carbon</i> , <b>2017</b> , 116, 240-245	10.4	42
63	Renewable Wood Pulp Paper Reactor with Hierarchical Micro/Nanopores for Continuous-Flow Nanocatalysis. <i>ChemSusChem</i> , <b>2017</b> , 10, 2560-2565	8.3	23
62	Carbocatalytic reductive coupling reactions via electron transfer from graphene to aryldiazonium salt. <i>Chemical Communications</i> , <b>2017</b> , 53, 7226-7229	5.8	28
61	Use of Aqueous Extract of <i>Pseuderanthemum acuminatissimum</i> Radlk Leaves To Mediate The Synthesis of Gold Nanoparticles and Their Anti <i>Escherichia coli</i> Activity. <i>Oriental Journal of Chemistry</i> , <b>2017</b> , 33, 745-751	0.8	1
60	Tuning the redox potential of vitamin K derivatives by oxidative functionalization using a Ag(i)/GO catalyst. <i>Chemical Communications</i> , <b>2017</b> , 53, 8890-8893	5.8	8
59	Elucidation of siRNA complexation efficiency by graphene oxide and reduced graphene oxide. <i>Carbon</i> , <b>2017</b> , 122, 643-652	10.4	21
58	Preparation of Manganese/Graphite Oxide Composite Using Permanganate and Graphite: Application as Catalyst in Bromination of Hydrocarbons. <i>Bulletin of the Chemical Society of Japan</i> , <b>2017</b> , 90, 74-78	5.1	3
57	Chemical surface modification of graphene oxide by femtosecond laser pulse irradiation in aqueous suspensions. <i>Journal of Materials Science</i> , <b>2017</b> , 52, 749-759	4.3	4
56	Redox activity of graphene oxide analogues in organic reactions. <i>Tanso</i> , <b>2017</b> , 2017, 203-206	0.1	
55	Hydrosilane-Assisted Formation of Metal Nanoparticles on Graphene Oxide. <i>Bulletin of the Chemical Society of Japan</i> , <b>2016</b> , 89, 67-73	5.1	6
54	Carbon-catalyzed Dehydrogenation of Indolines: Detection of Active Intermediate and Exploration of High-performance Catalyst. <i>Chemistry Letters</i> , <b>2016</b> , 45, 21-23	1.7	10
53	Tailoring the Oxygen Content of Graphite and Reduced Graphene Oxide for Specific Applications. <i>Scientific Reports</i> , <b>2016</b> , 6, 21715	4.9	204
52	Fast, scalable, and eco-friendly fabrication of an energy storage paper electrode. <i>Green Chemistry</i> , <b>2016</b> , 18, 1117-1124	10	54
51	Dependence of pH level on tribological effect of graphene oxide as an additive in water lubrication. <i>International Journal of Automotive and Mechanical Engineering</i> , <b>2016</b> , 13, 3150-3156	1.4	8
50	Investigations on Tribological Mechanisms of Graphene Oxide and Oxidized Wood-Derived Nanocarbons as Water-Based Lubricating Additives. <i>Tribology Online</i> , <b>2016</b> , 11, 235-241	0.9	9

49	Concurrent Formation of Carbon-Carbon Bonds and Functionalized Graphene by Oxidative Carbon-Hydrogen Coupling Reaction. <i>Scientific Reports</i> , <b>2016</b> , 6, 25824	4.9	37
48	Lewis Acid and Fluoroalcohol Mediated Nucleophilic Addition to the C2 Position of Indoles. <i>Organic Letters</i> , <b>2016</b> , 18, 2020-3	6.2	31
47	Highly durable carbon-supported Pt catalysts prepared by hydrosilane-assisted nanoparticle deposition and surface functionalization. <i>Chemical Communications</i> , <b>2015</b> , 51, 5883-6	5.8	12
46	Graphene oxide: the new membrane material. <i>Applied Materials Today</i> , <b>2015</b> , 1, 1-12	6.6	304
45	Tribological properties of graphene oxide as a lubricating additive in water and lubricating oils. <i>Mechanical Engineering Journal</i> , <b>2015</b> , 2, 15-00323-15-00323	0.5	7
44	Synthesis of 2-Arylphenol Derivatives through a One-Pot Suzuki-Miyaura Coupling/Dehydrogenative Aromatization Sequence with Pd/C Catalysis. <i>European Journal of Organic Chemistry</i> , <b>2015</b> , 2015, 5864-5868	3.2	4
43	Anti-Wear Effect of Graphene Oxide in Lubrication by Fluorine-Containing Ionic Liquid for Steel. <i>Tribology Online</i> , <b>2015</b> , 10, 91-95	0.9	14
42	Targeted kinetic strategy for improving the thermal conductivity of epoxy composite containing percolating multi-layer graphene oxide chains. <i>EXPRESS Polymer Letters</i> , <b>2015</b> , 9, 608-623	3.4	12
41	Facile identification of the critical content of multi-layer graphene oxide for epoxy composite with optimal thermal properties. <i>RSC Advances</i> , <b>2015</b> , 5, 20376-20385	3.7	10
40	Polycyclic N-Heterocyclic Compounds 76: Synthesis and Antiplatelet Evaluation of 2,4-Disubstituted 5,6-Dihydro[1]benzofuro[3',2':2,3]oxepino[4,5-d]pyrimidines. <i>Journal of Heterocyclic Chemistry</i> , <b>2014</b> , 51, 661-668	1.9	1
39	Facile preparation of Pd nanoparticles supported on single-layer graphene oxide and application for the Suzuki-Miyaura cross-coupling reaction. <i>Nanoscale</i> , <b>2014</b> , 6, 6501-5	7.7	90
38	Fine tuning of the sheet distance of graphene oxide that affects the activity and substrate selectivity of a Pd/graphene oxide catalyst in the Heck reaction. <i>RSC Advances</i> , <b>2014</b> , 4, 59835-59838	3.7	10
37	Tribological properties of monolayer graphene oxide sheets as water-based lubricant additives. <i>Carbon</i> , <b>2014</b> , 66, 720-723	10.4	241
36	Nanocrystalline magnesium oxide-stabilized palladium(0): the Heck reaction of heteroaryl bromides in the absence of additional ligands and base. <i>Catalysis Science and Technology</i> , <b>2013</b> , 3, 2550	5.5	6
35	Palladium on graphene: the in situ generation of a catalyst for the chemoselective reduction of $\alpha,\beta$ -unsaturated carbonyl compounds. <i>RSC Advances</i> , <b>2013</b> , 3, 15608	3.7	24
34	Direct bromination of hydrocarbons catalyzed by Li <sub>2</sub> MnO <sub>3</sub> under oxygen and photo-irradiation conditions. <i>RSC Advances</i> , <b>2013</b> , 3, 2158	3.7	13
33	Green synthesis of silver nanoparticles using aqueous rinds extract of <i>Brucea javanica</i> (L.) Merr at ambient temperature. <i>Materials Letters</i> , <b>2013</b> , 97, 181-183	3.3	31
32	Ionic amino acids: Application as organocatalysts in the aza-Michael reaction. <i>Journal of Molecular Catalysis A</i> , <b>2013</b> , 368-369, 31-37		8

31	Copper-catalyzed oxidative aromatization of 2-cyclohexen-1-ones to phenols in the presence of catalytic hydrogen bromide under molecular oxygen. <i>RSC Advances</i> , <b>2013</b> , 3, 20150	3.7	25
30	Crystal and Fine Structural Transformations of Heat-Treated Biogenic Manganese Oxide. <i>Funtai Oyobi Fumatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , <b>2013</b> , 60, 92-99	0.2	
29	Bromination of hydrocarbons with CBr <sub>4</sub> , initiated by light-emitting diode irradiation. <i>Beilstein Journal of Organic Chemistry</i> , <b>2013</b> , 9, 1663-7	2.5	23
28	Application of Heterogeneous Catalysts for Organic Synthesis by Controlling the Oxidation State of Metal Species. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , <b>2013</b> , 71, 1307-1308	0.2	1
27	Characterization of hybrid composite membrane based polymer/precursor/SiO <sub>2</sub> . <i>Materials Letters</i> , <b>2012</b> , 81, 88-91	3.3	6
26	Ruthenium/magnesium/lanthanum mixed oxide: An efficient reusable catalyst for oxidation of alcohols by using molecular oxygen. <i>Journal of Molecular Catalysis A</i> , <b>2012</b> , 359, 1-7		23
25	Arrangement and Dispersion of Rh and Pt Atoms on Graphene Oxide Sheets. <i>Chemistry Letters</i> , <b>2012</b> , 41, 680-682	1.7	5
24	Biogenic manganese oxide: effective new catalyst for direct bromination of hydrocarbons. <i>RSC Advances</i> , <b>2012</b> , 2, 6420	3.7	14
23	Catalytic guanylation of aliphatic, aromatic, heterocyclic primary and secondary amines using nanocrystalline zinc(II) oxide. <i>Tetrahedron</i> , <b>2012</b> , 68, 5730-5737	2.4	23
22	Recyclable Pd/graphene catalyst: mechanistic insights into heterogeneous and homogeneous catalysis. <i>RSC Advances</i> , <b>2012</b> , 2, 9380	3.7	52
21	Bromination of aromatic compounds using an Fe <sub>2</sub> O <sub>3</sub> /zeolite catalyst. <i>Green Chemistry</i> , <b>2012</b> , 14, 2380	10	26
20	Novel plant immune-priming compounds identified via high-throughput chemical screening target salicylic acid glucosyltransferases in Arabidopsis. <i>Plant Cell</i> , <b>2012</b> , 24, 3795-804	11.6	126
19	Hydrothiolation and Intramolecular Cyclization Sequence for the Synthesis of 1,3-Oxathiine Frameworks. <i>Synthesis</i> , <b>2012</b> , 44, 2607-2613	2.9	7
18	3-(2-Oxo-2,3,4,5-tetra-hydro-furan-3-yl)-1-benzofuran-2-carbonitrile. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o2819		
17	10SChloro-3S4Sdihydro-2SH-spiro-[cyclo-propane-1,7(6SH)-pyrimido[2,1-a]isoquinolin]-6Sone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o3252		
16	Facile Sc(OTf) <sub>3</sub> -catalyzed generation and successive aromatization of isobenzofuran from o-dicarbonylbenzenes. <i>Organic Letters</i> , <b>2011</b> , 13, 3960-3	6.2	30
15	Synthesis of Multisubstituted Cyclopentadienes from Cyclopentenones Prepared via Catalytic Double Aldol Condensation and Nazarov Reaction Sequence. <i>Synlett</i> , <b>2011</b> , 2011, 2585-2589	2.2	4
14	Synthesis of functionalized pentacenes from isobenzofurans derived from C-H bond activation. <i>Organic Letters</i> , <b>2010</b> , 12, 5287-9	6.2	26



13	Rhenium-catalyzed insertion of nonpolar and polar unsaturated molecules into an olefinic C-H bond. <i>Organic Letters</i> , <b>2009</b> , 11, 2711-4	6.2	82
12	Synthesis of Cp-Re complexes via olefinic C-H activation and successive formation of cyclopentadienes. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 14062-3	16.4	45
11	Rhenium-catalyzed synthesis of indene derivatives via C-H bond activation. <i>Pure and Applied Chemistry</i> , <b>2008</b> , 80, 1149-1154	2.1	20
10	Reactions and Mechanistic Studies of Rhenium-Catalyzed Insertion of $\pi$ -Unsaturated Carbonyl Compounds into a C-H Bond. <i>Bulletin of the Chemical Society of Japan</i> , <b>2008</b> , 81, 1393-1401	5.1	41
9	Hydroarylation of acetylenes, acrylates, and isocyanates with heteroaromatic compounds under rhenium catalysis. <i>Tetrahedron</i> , <b>2008</b> , 64, 5974-5981	2.4	77
8	Manganese-catalyzed insertion of aldehydes into a C-H bond. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 6518-20	16.4	201
7	Manganese-Catalyzed Insertion of Aldehydes into a C-H Bond. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 6638-6640	16.4	89
6	Rhenium-catalyzed synthesis of naphthalene derivatives via insertion of aldehydes into a C-H bond. <i>Tetrahedron</i> , <b>2007</b> , 63, 8463-8468	2.4	43
5	Rhenium- and aniline-catalyzed one-pot annulation of aromatic ketones and $\alpha,\beta$ -unsaturated esters initiated by C-H bond activation. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 2766-8	16.4	113
4	Rhenium- and Aniline-Catalyzed One-Pot Annulation of Aromatic Ketones and $\pi$ -Unsaturated Esters Initiated by C-H Bond Activation. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 2832-2834	3.6	41
3	Rhenium-catalyzed insertion of aldehyde into a C-H bond: synthesis of isobenzofuran derivatives. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 12376-7	16.4	132
2	Sequential ruthenium-catalyzed hydroamination and rhenium-catalyzed C-H bond activation leading to indene derivatives. <i>Organic Letters</i> , <b>2006</b> , 8, 2891-3	6.2	38
1	Kinetics of staging transition in H <sub>2</sub> SO <sub>4</sub> -graphite intercalation compounds. <i>Synthetic Metals</i> , <b>1989</b> , 34, 315-321	3.6	9