

Guanghui Zhang

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.

120 papers	4,504 citations	41 h-index	62 g-index
133 ext. papers	6,101 ext. citations	9.8 avg, IF	5.99 L-index

#	Paper	IF	Citations
120	Dynamic structural evolution of iron catalysts involving competitive oxidation and carburization during CO hydrogenation.. <i>Science Advances</i> , 2022 , 8, eabm3629	14.3	9
119	Engineering the Local Coordination Environment and Density of FeN Sites by Mn Cooperation for Electrocatalytic Oxygen Reduction.. <i>Small</i> , 2022 , e2200911	11	6
118	Tracing the Active Phase and Dynamics for Carbon Nanofiber Growth on Nickel Catalyst Using Environmental Transmission Electron Microscopy.. <i>Small Methods</i> , 2022 , e2200235	12.8	1
117	Unraveling the tunable selectivity on cobalt oxide and metallic cobalt sites for CO ₂ hydrogenation. <i>Chemical Engineering Journal</i> , 2022 , 446, 137217	14.7	1
116	Structural and Catalytic Properties of Isolated Pt ₂ ⁺ Sites in Platinum Phosphide (PtP ₂). <i>ACS Catalysis</i> , 2021 , 11, 13496-13509	13.1	2
115	Facile Synthesis of Atomic Fe-N-C Materials and Dual Roles Investigation of Fe-N Sites in Fenton-Like Reactions. <i>Advanced Science</i> , 2021 , 8, e2101824	13.6	19
114	Self-Supporting 3D Carbon Nitride with Tunable n - π Electronic Transition for Enhanced Solar Hydrogen Production. <i>Advanced Materials</i> , 2021 , 33, e2104361	24	15
113	Short-brush NiFeOxHy films and the Pt derivative as high-performance electrode materials for efficient electrocatalytic water splitting. <i>Applied Surface Science</i> , 2021 , 151636	6.7	2
112	Olefin oligomerization by main group Ga and Zn single site catalysts on SiO. <i>Nature Communications</i> , 2021 , 12, 2322	17.4	11
111	Facile Preparation of Methyl Phenols from Ethanol over Lamellar Ce(OH)SO ₄ ·xH ₂ O. <i>ACS Catalysis</i> , 2021 , 11, 6162-6174	13.1	2
110	Controlled synthesis of metal-organic frameworks with skeletal and pore-filling iron(III) porphyrins for electrochemical oxygen reduction. <i>Journal of Porphyrins and Phthalocyanines</i> , 2021 , 25, 878-884	1.8	
109	Impacts of nano-scale pore structure and organic amine assembly in porous silica on the kinetics of CO ₂ adsorptive separation. <i>Nano Research</i> , 2021 , 14, 3294-3302	10	2
108	Engineering single-atomic ruthenium catalytic sites on defective nickel-iron layered double hydroxide for overall water splitting. <i>Nature Communications</i> , 2021 , 12, 4587	17.4	98
107	Enhanced performance and selectivity of CO ₂ methanation over phyllosilicate structure derived Ni-Mg/SBA-15 catalysts. <i>Applied Catalysis B: Environmental</i> , 2021 , 282, 119564	21.8	58
106	Reaction-driven surface reconstruction of ZnAl ₂ O ₄ boosts the methanol selectivity in CO ₂ catalytic hydrogenation. <i>Applied Catalysis B: Environmental</i> , 2021 , 284, 119700	21.8	19
105	CO ₂ Hydrogenation to Methanol over In ₂ O ₃ -Based Catalysts: From Mechanism to Catalyst Development. <i>ACS Catalysis</i> , 2021 , 11, 1406-1423	13.1	57
104	Catalytic Conversion of Carbon Dioxide to Methanol: Current Status and Future Perspective. <i>Frontiers in Energy Research</i> , 2021 , 8,	3.8	11

103	The Effect of Gold Nanoparticles on the Catalytic Activity of NiTiO ₃ for Hydrodeoxygenation of Guaiacol. <i>Catalysts</i> , 2021 , 11, 994	4	1
102	Engineering of g-CN-based photocatalysts to enhance hydrogen evolution. <i>Advances in Colloid and Interface Science</i> , 2021 , 295, 102488	14.3	9
101	Promoting propane dehydrogenation with CO ₂ over Ga ₂ O ₃ /SiO ₂ by eliminating Ga-hydrides. <i>Chinese Journal of Catalysis</i> , 2021 , 42, 2225-2233	11.3	5
100	Pyrolysis-driven synthesis of nanoscale carambola-like carbon decorated with atomically dispersed Fe sites toward efficient oxygen reduction reaction. <i>Catalysis Science and Technology</i> , 2020 , 10, 7160-7164	5.5	8
99	Selective electroreduction of CO to acetone by single copper atoms anchored on N-doped porous carbon. <i>Nature Communications</i> , 2020 , 11, 2455	17.4	121
98	Design and application of active sites in g-C ₃ N ₄ -based photocatalysts. <i>Journal of Materials Science and Technology</i> , 2020 , 56, 69-88	9.1	108
97	Deconvolution of the Particle Size Effect on CO ₂ Hydrogenation over Iron-Based Catalysts. <i>ACS Catalysis</i> , 2020 , 10, 7424-7433	13.1	45
96	Reversible loss of core-shell structure for Ni ₂ Au bimetallic nanoparticles during CO ₂ hydrogenation. <i>Nature Catalysis</i> , 2020 , 3, 411-417	36.5	88
95	Gas-Phase Ethylene Polymerization by Single-Site Cr Centers in a Metal-Organic Framework. <i>ACS Catalysis</i> , 2020 , 10, 3864-3870	13.1	8
94	Uniform N-coordinated single-atomic iron sites dispersed in porous carbon framework to activate PMS for efficient BPA degradation via high-valent iron-oxo species. <i>Chemical Engineering Journal</i> , 2020 , 389, 124382	14.7	84
93	Enhanced kinetics for CO ₂ sorption in amine-functionalized mesoporous silica nanosphere with inverted cone-shaped pore structure. <i>Applied Energy</i> , 2020 , 264, 114637	10.7	25
92	A facile sulfur-assisted method to synthesize porous alveolate Fe/g-C ₃ N ₄ catalysts with ultra-small cluster and atomically dispersed Fe sites. <i>Chinese Journal of Catalysis</i> , 2020 , 41, 1198-1207	11.3	18
91	Variation in the In ₂ O ₃ Crystal Phase Alters Catalytic Performance toward the Reverse Water Gas Shift Reaction. <i>ACS Catalysis</i> , 2020 , 10, 3264-3273	13.1	59
90	Intermetallic Compounds as an Alternative to Single-atom Alloy Catalysts: Geometric and Electronic Structures from Advanced X-ray Spectroscopies and Computational Studies. <i>ChemCatChem</i> , 2020 , 12, 1325-1333	5.2	25
89	Single-atom platinum confined by the interlayer nanospace of carbon nitride for efficient photocatalytic hydrogen evolution. <i>Nano Energy</i> , 2020 , 69, 104409	17.1	97
88	Toward Efficient Carbon and Water Cycles: Emerging Opportunities with Single-Site Catalysts Made of 3d Transition Metals. <i>Advanced Materials</i> , 2020 , 32, e1905548	24	14
87	Boosting light olefin selectivity in CO ₂ hydrogenation by adding Co to Fe catalysts within close proximity. <i>Catalysis Today</i> , 2020 ,	5.3	12
86	Insight into the role of Fe ₅ C ₂ in CO ₂ catalytic hydrogenation to hydrocarbons. <i>Catalysis Today</i> , 2020 , 371, 162-162	5.3	20

85	The effect of strong metal-support interaction (SMSI) on Pt ₃ Ir/SiO ₂ and Pt ₃ Nb/SiO ₂ catalysts for propane dehydrogenation. <i>Catalysis Science and Technology</i> , 2020 , 10, 5973-5982	5.5	9
84	Hierarchical 2D yarn-ball like metal-organic framework NiFe(dobpdc) as bifunctional electrocatalyst for efficient overall electrocatalytic water splitting. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 22974-22982	13	17
83	Promoting effect of Fe on supported Ni catalysts in CO ₂ methanation by in situ DRIFTS and DFT study. <i>Journal of Catalysis</i> , 2020 , 392, 266-277	7.3	28
82	Bimetallic Iron-Cobalt Catalysts and Their Applications in Energy-Related Electrochemical Reactions. <i>Catalysts</i> , 2019 , 9, 762	4	8
81	Identification of the structure of the Bi promoted Pt non-oxidative coupling of methane catalyst: a nanoscale Pt ₃ Bi intermetallic alloy. <i>Catalysis Science and Technology</i> , 2019 , 9, 1349-1356	5.5	22
80	Identification of Surface Structures in Pt ₃ Cr Intermetallic Nanocatalysts. <i>Chemistry of Materials</i> , 2019 , 31, 1597-1609	9.6	29
79	Designing Highly Efficient and Long-Term Durable Electrocatalyst for Oxygen Evolution by Coupling B and P into Amorphous Porous NiFe-Based Material. <i>Small</i> , 2019 , 15, e1901020	11	36
78	Diffusion-Limited Formation of Nonequilibrium Intermetallic Nanophase for Selective Dehydrogenation. <i>Nano Letters</i> , 2019 , 19, 4380-4383	11.5	7
77	Identification of a Pt ₃ Co Surface Intermetallic Alloy in Pt-Co Propane Dehydrogenation Catalysts. <i>ACS Catalysis</i> , 2019 , 9, 5231-5244	13.1	68
76	Modulating the Electronic Structure of Single-Atom Catalysts on 2D Nanomaterials for Enhanced Electrocatalytic Performance. <i>Small Methods</i> , 2019 , 3, 1800438	12.8	60
75	Highly Selective Heterogeneous Ethylene Dimerization with a Scalable and Chemically Robust MOF Catalyst. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 6654-6661	8.3	47
74	BEEF-vdW+U method applied to perovskites: thermodynamic, structural, electronic, and magnetic properties. <i>Journal of Physics Condensed Matter</i> , 2019 , 31, 145901	1.8	7
73	Controllable assembly of single/double-thin-shell g-C ₃ N ₄ vesicles via a shape-selective solid-state templating method for efficient photocatalysis. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 17815-17822	13	18
72	Promotion of Pd nanoparticles by Fe and formation of a Pd ₃ Fe intermetallic alloy for propane dehydrogenation. <i>Catalysis Today</i> , 2019 , 323, 123-128	5.3	24
71	Investigating Chemistry of Metal Dissolution in Amine-Thiol Mixtures and Exploiting It toward Benign Ink Formulation for Metal Chalcogenide Thin Films. <i>Chemistry of Materials</i> , 2019 , 31, 5674-5682	9.6	15
70	Overcoating the Surface of Fe-Based Catalyst with ZnO and Nitrogen-Doped Carbon toward High Selectivity of Light Olefins in CO ₂ Hydrogenation. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 4017-4023	3.9	21
69	CO ₂ Hydrogenation on Unpromoted and M-Promoted Co/TiO ₂ Catalysts (M = Zr, K, Cs): Effects of Crystal Phase of Supports and Metal-Support Interaction on Tuning Product Distribution. <i>ACS Catalysis</i> , 2019 , 9, 2739-2751	13.1	71
68	Utilization of CO ₂ for aromatics production over ZnO/ZrO ₂ -ZSM-5 tandem catalyst. <i>Journal of CO₂ Utilization</i> , 2019 , 29, 140-145	7.6	50

67	Stabilized Vanadium Catalyst for Olefin Polymerization by Site Isolation in a Metal-Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 8135-8139	16.4	51
66	Stabilized Vanadium Catalyst for Olefin Polymerization by Site Isolation in a Metal-Organic Framework. <i>Angewandte Chemie</i> , 2018 , 130, 8267-8271	3.6	6
65	Silver-Catalyzed Decarboxylative Couplings of Acids and Anhydrides: An Entry to 1,2-Diketones and Aryl-Substituted Ethanes. <i>Advanced Synthesis and Catalysis</i> , 2018 , 360, 1439-1443	5.6	16
64	Structure Determination of a Surface Tetragonal Pt ₁ Sb ₁ Phase on Pt Nanoparticles. <i>Chemistry of Materials</i> , 2018 , 30, 4503-4507	9.6	14
63	Tetrahedral Nickel(II) Phosphosilicate Single-Site Selective Propane Dehydrogenation Catalyst. <i>ChemCatChem</i> , 2018 , 10, 961-964	5.2	21
62	High-Performance Transition Metal Phosphide Alloy Catalyst for Oxygen Evolution Reaction. <i>ACS Nano</i> , 2018 , 12, 158-167	16.7	231
61	Strong Electronic Coupling of Molecular Sites to Graphitic Electrodes via Pyrazine Conjugation. <i>Journal of the American Chemical Society</i> , 2018 , 140, 1004-1010	16.4	78
60	Molybdenum-Incorporated Mesoporous Silica: Surface Engineering toward Enhanced Metal-Support Interactions and Efficient Hydrogenation. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 42475-42483	9.5	10
59	3D self-supported Ni(PO)-MoO nanorods anchored on nickel foam for highly efficient overall water splitting. <i>Nanoscale</i> , 2018 , 10, 22173-22179	7.7	29
58	Deconvolution of octahedral PtNi nanoparticle growth pathway from in situ characterizations. <i>Nature Communications</i> , 2018 , 9, 4485	17.4	25
57	A Structural Mimic of Carbonic Anhydrase in a Metal-Organic Framework. <i>Chem</i> , 2018 , 4, 2894-2901	16.2	53
56	Changes in Catalytic and Adsorptive Properties of 2 nm PtMn Nanoparticles by Subsurface Atoms. <i>Journal of the American Chemical Society</i> , 2018 , 140, 14870-14877	16.4	78
55	Evidence for the Coordination/Insertion Mechanism of Ethene Dimerization at Nickel Cations Exchanged onto Beta Molecular Sieves. <i>ACS Catalysis</i> , 2018 , 8, 11407-11422	13.1	37
54	High-Density Ultra-small Clusters and Single-Atom Fe Sites Embedded in Graphitic Carbon Nitride (g-CN) for Highly Efficient Catalytic Advanced Oxidation Processes. <i>ACS Nano</i> , 2018 , 12, 9441-9450	16.7	251
53	Mechanism of Me-Re Bond Addition to Platinum(II) and Dioxygen Activation by the Resulting Pt-Re Bimetallic Center. <i>Inorganic Chemistry</i> , 2017 , 56, 2145-2152	5.1	9
52	Selective Dimerization of Propylene with Ni-MFU-4l. <i>Organometallics</i> , 2017 , 36, 1681-1683	3.8	45
51	The Nature of the Isolated Gallium Active Center for Propane Dehydrogenation on Ga/SiO ₂ . <i>Catalysis Letters</i> , 2017 , 147, 1252-1262	2.8	30
50	The Applications of 1,4-Dioxane, THF, and Ethers as Versatile Building Blocks in Organic Synthesis 2017 , 81-123		3

49	Bond breakage under pressure in a metal organic framework. <i>Chemical Science</i> , 2017 , 8, 8004-8011	9.4	52
48	Supported Single-Site Ti(IV) on a Metal-Organic Framework for the Hydroboration of Carbonyl Compounds. <i>Organometallics</i> , 2017 , 36, 3921-3930	3.8	35
47	Highly Stereoselective Heterogeneous Diene Polymerization by Co-MFU-4l: A Single-Site Catalyst Prepared by Cation Exchange. <i>Journal of the American Chemical Society</i> , 2017 , 139, 12664-12669	16.4	57
46	Transition metal-free decarboxylative alkylation reactions. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 10763-10777	3.9	56
45	Direct difunctionalization of activated alkynes via domino oxidative benzylation/1,4-aryl migration/decarboxylation reactions under metal-free conditions. <i>Chemical Communications</i> , 2016 , 52, 3175-8	5.8	31
44	Organometallic model complexes elucidate the active gallium species in alkane dehydrogenation catalysts based on ligand effects in Ga K-edge XANES. <i>Catalysis Science and Technology</i> , 2016 , 6, 6339-6355	5.5	72
43	Homolytic cleavage of the O-Cu(ii) bond: XAFS and EPR spectroscopy evidence for one electron reduction of Cu(ii) to Cu(i). <i>Chemical Communications</i> , 2016 , 52, 6914-7	5.8	23
42	Aromatic C-H bond cleavage by using a Cu(I) ate-complex. <i>Organic Chemistry Frontiers</i> , 2016 , 3, 975-978	5.2	4
41	X-ray absorption and EPR evidence for a single electron redox process in copper catalysis. <i>Chemical Science</i> , 2015 , 6, 4851-4854	9.4	60
40	Copper-/Cobalt-Catalyzed Highly Selective Radical Dioxxygenation of Alkenes. <i>Organic Letters</i> , 2015 , 17, 3402-5	6.2	41
39	Isolated FeII on Silica As a Selective Propane Dehydrogenation Catalyst. <i>ACS Catalysis</i> , 2015 , 5, 3494-3503	13.1	108
38	Single-Site Palladium(II) Catalyst for Oxidative Heck Reaction: Catalytic Performance and Kinetic Investigations. <i>ACS Catalysis</i> , 2015 , 5, 3752-3759	13.1	53
37	Dinuclear versus mononuclear pathways in zinc mediated nucleophilic addition: a combined experimental and DFT study. <i>Dalton Transactions</i> , 2015 , 44, 11165-71	4.3	23
36	Benzene selectivity in competitive arene hydrogenation: effects of single-site catalyst on acidic oxide surface binding geometry. <i>Journal of the American Chemical Society</i> , 2015 , 137, 6770-80	16.4	59
35	Which one is faster? A kinetic investigation of Pd and Ni catalyzed Negishi-type oxidative coupling reactions. <i>Dalton Transactions</i> , 2015 , 44, 19777-81	4.3	4
34	Effect of Siloxane Ring Strain and Cation Charge Density on the Formation of Coordinately Unsaturated Metal Sites on Silica: Insights from Density Functional Theory (DFT) Studies. <i>ACS Catalysis</i> , 2015 , 5, 7177-7185	13.1	32
33	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
32	Copper-catalyzed aerobic oxidative coupling: From ketone and diamine to pyrazine. <i>Science Advances</i> , 2015 , 1, e1500656	14.3	19

31	Bimetallic zinc complex--active species in coupling of terminal alkynes with aldehydes via nucleophilic addition/Oppenauer oxidation. <i>Chemical Communications</i> , 2015 , 51, 576-9	5.8	37
30	Revealing the halide effect on the kinetics of the aerobic oxidation of Cu(i) to Cu(ii). <i>Chemical Communications</i> , 2015 , 51, 318-21	5.8	19
29	Evidence of Cu(I)/Cu(II) Redox Process by X-ray Absorption and EPR Spectroscopy: Direct Synthesis of Dihydrofurans from α -Ketocarbonyl Derivatives and Olefins. <i>Chemistry - A European Journal</i> , 2015 , 21, 18925-9	4.8	26
28	Conversion of Dimethyl Ether to 2,2,3-Trimethylbutane over a Cu/BEA Catalyst: Role of Cu Sites in Hydrogen Incorporation. <i>ACS Catalysis</i> , 2015 , 5, 1794-1803	13.1	26
27	Synthesis and Catalytic Hydrogenation Reactivity of a Chromium Catecholate Porous Organic Polymer. <i>Organometallics</i> , 2015 , 34, 947-952	3.8	22
26	Compression-induced deformation of individual metal-organic framework microcrystals. <i>Journal of the American Chemical Society</i> , 2015 , 137, 1750-3	16.4	53
25	Palladium-catalyzed oxidative carbonylation of N-allylamines for the synthesis of β -lactams. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 2443-6	16.4	122
24	Direct observation of reduction of Cu(II) to Cu(I) by terminal alkynes. <i>Journal of the American Chemical Society</i> , 2014 , 136, 924-6	16.4	120
23	Cu(II)-Cu(I) synergistic cooperation to lead the alkyne C-H activation. <i>Journal of the American Chemical Society</i> , 2014 , 136, 16760-3	16.4	82
22	Copper-catalyzed oxidative ipso-carboalkylation of activated alkynes with ethers leading to 3-etherified azaspiro[4.5]trienones. <i>Organic Chemistry Frontiers</i> , 2014 , 1, 484	5.2	104
21	Structure-kinetic relationship study of organozinc reagents. <i>Chemical Communications</i> , 2014 , 50, 8709-11	5.8	18
20	Assignment of the oxidation states of Zr and Co in a highly reactive heterobimetallic Zr/Co complex using X-ray absorption spectroscopy (XANES). <i>Dalton Transactions</i> , 2014 , 43, 13852-7	4.3	26
19	Discovery of highly selective alkyne semihydrogenation catalysts based on first-row transition-metallated porous organic polymers. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 12055-8	16.4	44
18	Enhancing the stability of copper chromite catalysts for the selective hydrogenation of furfural using ALD overcoating. <i>Journal of Catalysis</i> , 2014 , 317, 284-292	7.3	52
17	Rhodium Catechol Containing Porous Organic Polymers: Defined Catalysis for Single-Site and Supported Nanoparticulate Materials. <i>Organometallics</i> , 2014 , 33, 2517-2522	3.8	19
16	Discovery of Highly Selective Alkyne Semihydrogenation Catalysts Based on First-Row Transition-Metallated Porous Organic Polymers. <i>Angewandte Chemie</i> , 2014 , 126, 12251-12254	3.6	10
15	Palladium-Catalyzed Oxidative Carbonylation of N-Allylamines for the Synthesis of β -Lactams. <i>Angewandte Chemie</i> , 2014 , 126, 2475-2478	3.6	29
14	Trifluoromethanesulfonic acid catalyzed synergetic oxidative/[3+2] cyclization of quinones with olefins. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 10195-8	16.4	25

13	In Situ X-ray Absorption Spectroscopy and Nonclassical Catalytic Hydrogenation with an Iron(II) Catecholate Immobilized on a Porous Organic Polymer. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 3972-3977	2.3	6
12	Labile Cu(I) catalyst/spectator Cu(II) species in copper-catalyzed C-C coupling reaction: operando IR, in situ XANES/EXAFS evidence and kinetic investigations. <i>Journal of the American Chemical Society</i> , 2013 , 135, 488-93	16.4	70
11	Trifluoromethanesulfonic Acid Catalyzed Synergetic Oxidative/[3+2] Cyclization of Quinones with Olefins. <i>Angewandte Chemie</i> , 2013 , 125, 10385-10388	3.6	9
10	Iridium(III) complexes with cyclometalated styrylbenzoimidazole ligands: Synthesis, electrochemistry and as highly efficient emitters for organic light-emitting diodes. <i>Synthetic Metals</i> , 2010 , 160, 1906-1911	3.6	21
9	Impact of substituents in the N?N ligand on the emission wavelength of Cu(I) complexes: Insight from experimental and theoretical approach. <i>Journal of Luminescence</i> , 2010 , 130, 976-980	3.8	4
8	Highly efficient organic light-emitting diodes (OLEDs) based on an iridium complex with rigid cyclometalated ligand. <i>Organic Electronics</i> , 2010 , 11, 632-640	3.5	12
7	Highly efficient white organic light-emitting diodes based on broad excimer emission of iridium complex. <i>Organic Electronics</i> , 2010 , 11, 1165-1171	3.5	18
6	High-efficient phosphorescent iridium(III) complexes with benzimidazole ligand for organic light-emitting diodes: Synthesis, electrochemistry and electroluminescent properties. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 2415-2420	2.3	15
5	Synthesis and luminescent properties of Ir complexes with fluorine substituted phenylpyridine derivative ligands. <i>Synthetic Metals</i> , 2008 , 158, 912-916	3.6	3
4	Synthesis of a highly phosphorescent emitting iridium(III) complex and its application in OLEDs. <i>Journal of Organometallic Chemistry</i> , 2008 , 693, 2798-2802	2.3	16
3	Synthesis and properties of iridium complexes based 1,3,4-oxadiazoles derivatives. <i>Tetrahedron</i> , 2008 , 64, 1860-1867	2.4	64
2	First-Principles Analysis of Ethylene Oligomerization on Single-Site Ga ³⁺ Catalysts Supported on Amorphous Silica. <i>ACS Catalysis</i> , 5416-5424	13.1	1
1	Promoting Propane Dehydrogenation with CO ₂ over the PtFe Bimetallic Catalyst by Eliminating the Non-selective Fe(0) Phase. <i>ACS Catalysis</i> , 6559-6569	13.1	3