

# Xingbang Hu

## List of Publications by Year in descending order

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114  
papers

4,205  
citations

81900

39  
h-index

128289

60  
g-index

116  
all docs

116  
docs citations

116  
times ranked

3246  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aerobic oxidation of aldehydes to acids in water with cyclic (alkyl)(amino)carbene copper under mild conditions. <i>Chemical Communications</i> , 2022, 58, 2132-2135.	4.1	13
2	The effect of inorganic salt on multiphase flow characteristics in a microbubble column: A focus on the ionic strength. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2022, 17, e2720.	1.5	2
3	Highly efficient and selective H <sub>2</sub> S capture by task-specific deep eutectic solvents through chemical dual-site absorption. <i>Separation and Purification Technology</i> , 2022, 283, 120167.	7.9	35
4	Covalent organic frameworks anchored with frustrated Lewis pairs for hydrogenation of alkynes with H <sub>2</sub> . <i>Journal of Materials Chemistry A</i> , 2022, 10, 7333-7340.	10.3	6
5	Facilitated transport separation of CO <sub>2</sub> and H <sub>2</sub> S by supported liquid membrane based on task-specific protic ionic liquids. <i>Green Chemical Engineering</i> , 2022, 3, 259-266.	6.3	27
6	Unexpectedly efficient absorption of low-concentration SO <sub>2</sub> with phase-transition mechanism using deep eutectic solvent consisting of tetraethylammonium chloride and imidazole. <i>Separation and Purification Technology</i> , 2022, 286, 120489.	7.9	23
7	Highly efficient absorption of HCl in deep eutectic solvents and their corresponding ethylene glycol blends. <i>Chemical Engineering Journal</i> , 2022, 434, 134707.	12.7	18
8	Efficient chemical fixation of CO <sub>2</sub> to form switchable ionic liquid to synthesize benzimidazolones under mild conditions. <i>Chemical Engineering Journal</i> , 2022, 442, 135122.	12.7	5
9	Cyclic (alkyl)(amino)carbene-copper supported on SBA-15 as an efficient and recyclable catalyst for CO <sub>2</sub> hydrogenation to formate. <i>Journal of CO<sub>2</sub> Utilization</i> , 2022, 58, 101910.	6.8	8
10	Straightforward construction of amino-functionalized ILs@SBA-15 catalysts via mechanochemical grafting for one-pot synthesis of cyclic carbonates from aromatic olefins and CO <sub>2</sub> . <i>Journal of CO<sub>2</sub> Utilization</i> , 2022, 59, 101962.	6.8	17
11	Natural deep eutectic solvent-based gels with multi-site interaction mechanism for selective membrane separation of SO <sub>2</sub> from N <sub>2</sub> and CO <sub>2</sub> . <i>Chemical Engineering Journal</i> , 2022, 438, 135626.	12.7	38
12	Reversible absorption of NF <sub>3</sub> with high solubility in Lewis acidic ionic liquids. <i>Chemical Engineering Journal</i> , 2022, 440, 135902.	12.7	17
13	Fast and Efficient CO <sub>2</sub> Absorption in Non-aqueous Tertiary Amines Promoted by Ethylene Glycol. <i>Energy &amp; Fuels</i> , 2022, 36, 4830-4836.	5.1	14
14	Recyclable polymerized Lewis acid poly-BPh(C <sub>6</sub> F <sub>5</sub> ) <sub>2</sub> catalyzed selective N-formylation and N-methylation of amines with carbon dioxide and Aphenylsilanes. <i>Journal of CO<sub>2</sub> Utilization</i> , 2022, 61, 102052.	6.8	6
15	Selective and simultaneous membrane separation of CO and H <sub>2</sub> from N <sub>2</sub> by protic chlorocuprate ionic liquids. <i>Renewable Energy</i> , 2022, , .	8.9	5
16	Ionic Liquids Endowed with Novel Hybrid Anions for Supercapacitors. <i>ACS Omega</i> , 2022, 7, 26368-26374.	3.5	4
17	Efficient conversion of H <sub>2</sub> S into mercaptan alcohol by tertiary-amine functionalized ionic liquids. <i>Chinese Journal of Chemical Engineering</i> , 2022, 50, 197-204.	3.5	7
18	Tuning the composition of deep eutectic solvents consisting of tetrabutylammonium chloride and n-decanoic acid for adjustable separation of ethylene and ethane. <i>Separation and Purification Technology</i> , 2022, 298, 121680.	7.9	11

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19	Selective Oxidation of Cyclohexene with H <sub>2</sub> O <sub>2</sub> Catalyzed by Resin Supported Peroxo Phosphotungstic Acid Under Mild Conditions. <i>Catalysis Letters</i> , 2021, 151, 147-152.	2.6	12
20	The efficient catalytic microsystem with halogen-free catalyst for the intensification on CO <sub>2</sub> cycloaddition. <i>Applied Catalysis B: Environmental</i> , 2021, 283, 119629.	20.2	15
21	Task-specific ionic liquids as absorbents and catalysts for efficient capture and conversion of H <sub>2</sub> S into value-added mercaptan acids. <i>Chemical Engineering Journal</i> , 2021, 408, 127866.	12.7	72
22	Highly-selective separation of CO <sub>2</sub> from N <sub>2</sub> or CH <sub>4</sub> in task-specific ionic liquid membranes: Facilitated transport and salting-out effect. <i>Separation and Purification Technology</i> , 2021, 254, 117621.	7.9	36
23	The efficient conversion of H <sub>2</sub> S into mercaptan alcohols mediated in protic ionic liquids under mild conditions. <i>Green Chemistry</i> , 2021, 23, 7969-7975.	9.0	43
24	Reductive amination of ketones/aldehydes with amines using BH <sub>3</sub> N(C <sub>2</sub> H <sub>5</sub> ) <sub>3</sub> as a reductant. <i>Chemical Communications</i> , 2021, 57, 8588-8591.	4.1	10
25	An efficient method to prepare aryl acetates by the carbonylation of aryl methyl ethers or phenols. <i>New Journal of Chemistry</i> , 2021, 45, 2683-2687.	2.8	3
26	Effective hydrogenation of CO <sub>2</sub> to formate catalyzed by ionic liquid modified acetate-Cu. <i>Green Chemistry</i> , 2021, 23, 951-956.	9.0	14
27	Base-assisted transfer hydrogenation of CO <sub>2</sub> to formate with ammonia borane in water under mild conditions. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 15716-15723.	7.1	11
28	Controlling the Lewis Acidity and Polymerizing Effectively Prevent Frustrated Lewis Pairs from Deactivation in the Hydrogenation of Terminal Alkynes. <i>Organic Letters</i> , 2021, 23, 3685-3690.	4.6	12
29	Selective membrane separation of CO <sub>2</sub> using novel epichlorohydrin-amine-based crosslinked protic ionic liquids: Crosslinking mechanism and enhanced salting-out effect. <i>Journal of CO<sub>2</sub> Utilization</i> , 2021, 46, 101473.	6.8	18
30	Low viscosity superbase protic ionic liquids for the highly efficient simultaneous removal of H <sub>2</sub> S and CO <sub>2</sub> from CH <sub>4</sub> . <i>Separation and Purification Technology</i> , 2021, 263, 118417.	7.9	57
31	Thermal Dehydrogenation and Hydrolysis of BH <sub>3</sub> NH <sub>3</sub> Catalyzed by Cyclic (Alkyl)(amino)carbene Iridium Complexes under Mild Conditions. <i>Organometallics</i> , 2021, 40, 2643-2650.	2.3	8
32	Catalyst-free hierarchical reduction of CO <sub>2</sub> with BH <sub>3</sub> N(C <sub>2</sub> H <sub>5</sub> ) <sub>3</sub> for selective N-methylation and N-formylation of amines. <i>Journal of CO<sub>2</sub> Utilization</i> , 2021, 50, 101590.	6.8	10
33	Supported Ionic Liquid Gel Membranes Enhanced by Ionization Modification for Sodium Metal Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 12100-12108.	6.7	9
34	Utilization of a Methoxy Group in Lignin to Prepare Amides by the Carbonylation of Amines. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 11667-11673.	6.7	4
35	CO <sub>2</sub> capturing and in situ conversion at mild condition: Efficient synthesis of methyl phenyl carbonate. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105862.	6.7	9
36	Metal-free catalysis for the one-pot synthesis of organic carbamates from amines, CO <sub>2</sub> , and alcohol at mild conditions. <i>Chemical Engineering Journal</i> , 2021, 425, 131452.	12.7	16

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37	Task-specific deep eutectic solvents for the highly efficient and selective separation of H <sub>2</sub> S. Separation and Purification Technology, 2021, 276, 119357.	7.9	48
38	CO <sub>2</sub> hydrogenation to formate catalyzed by highly stable and recyclable carbene-iridium under mild condition. Journal of CO <sub>2</sub> Utilization, 2021, 54, 101769.	6.8	12
39	B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> â€Catalyzed Tandem Friedelâ€Crafts and Câ~H/Câ~O Coupling Reactions of Dialkylanilines. Chemistry - an Asian Journal, 2020, 15, 3082-3086.	3.3	6
40	Efficient methanol carbonylation to methyl acetate catalyzed by a cyclic(alkyl)(amino)carbene iridium complex. Catalysis Science and Technology, 2020, 10, 6045-6049.	4.1	6
41	Efficient conversion of CO <sub>2</sub> into cyclic carbonates at room temperature catalyzed by Al-salen and imidazolium hydrogen carbonate ionic liquids. Green Chemistry, 2020, 22, 4509-4515.	9.0	67
42	Highly selective absorption separation of H <sub>2</sub> S and CO <sub>2</sub> from CH <sub>4</sub> by novel azoleâ€based protic ionic liquids. AIChE Journal, 2020, 66, e16936.	3.6	105
43	Catalyst-free selective <i>N</i> -formylation and <i>N</i> -methylation of amines using CO <sub>2</sub> as a sustainable C1 source. Green Chemistry, 2020, 22, 1134-1138.	9.0	51
44	Imidazolium hydrogen carbonate ionic liquids: Versatile organocatalysts for chemical conversion of CO <sub>2</sub> into valuable chemicals. Journal of CO <sub>2</sub> Utilization, 2020, 39, 101155.	6.8	26
45	Experimental and theoretical study on the cyclic(alkyl)(amino)carbene-copper catalyzed Friedelâ€Crafts reaction of <i>N,N</i> -dialkylanilines with styrenes. Organic and Biomolecular Chemistry, 2020, 18, 4272-4275.	2.8	9
46	Supported Ionic Liquid Membranes with Dual-Site Interaction Mechanism for Efficient Separation of CO <sub>2</sub> . ACS Sustainable Chemistry and Engineering, 2019, 7, 10792-10799.	6.7	54
47	The influence of axial ligands on the catalytic activity and enantioselectivity of salenâ€Mn complexes in the asymmetric epoxidation. Journal of Physical Organic Chemistry, 2019, 32, e3972.	1.9	5
48	Metal-free imidazolium hydrogen carbonate ionic liquids as bifunctional catalysts for the one-pot synthesis of cyclic carbonates from olefins and CO <sub>2</sub> . Green Chemistry, 2019, 21, 3834-3838.	9.0	67
49	Self-enhancement of CO reversible absorption accompanied by phase transition in protic chlorocuprate ionic liquids for effective CO separation from N <sub>2</sub> . Chemical Communications, 2019, 55, 3390-3393.	4.1	29
50	Hydrogenation of CO <sub>2</sub> to Formate with H <sub>2</sub> : Transition Metal Free Catalyst Based on a Lewis Pair. Angewandte Chemie, 2019, 131, 732-736.	2.0	15
51	Hydrogenation of CO <sub>2</sub> to Formate with H <sub>2</sub> : Transition Metal Free Catalyst Based on a Lewis Pair. Angewandte Chemie - International Edition, 2019, 58, 722-726.	13.8	66
52	Multisite activation of epoxides by recyclable CaI <sub>2</sub> /N-methyldiethanolamine catalyst for CO <sub>2</sub> fixation: A facile access to cyclic carbonates under mild conditions. Molecular Catalysis, 2018, 450, 87-94.	2.0	23
53	Protic ionic liquid as excellent shuttle of MDEA for fast capture of CO <sub>2</sub> . AIChE Journal, 2018, 64, 209-219.	3.6	26
54	Hydrogenation of CO <sub>2</sub> to Formate with H <sub>2</sub> : Transition Metal Free Catalyst Based on a Lewis Pair. Angewandte Chemie, 2018, 131, 649.	2.0	0

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55	Tandem copper hydride–Lewis pair catalysed reduction of carbon dioxide into formate with dihydrogen. <i>Nature Catalysis</i> , 2018, 1, 743-747.	34.4	88
56	Friedel-Crafts Reaction of N,N-Dimethylaniline with Alkenes Catalyzed by Cyclic Diaminocarbene-Gold(I) Complex. <i>Scientific Reports</i> , 2018, 8, 11449.	3.3	9
57	Low-viscous diamino protic ionic liquids with fluorine-substituted phenolic anions for improving CO <sub>2</sub> reversible capture. <i>Journal of Molecular Liquids</i> , 2018, 268, 617-624.	4.9	29
58	Unexpectedly efficient SO <sub>2</sub> capture and conversion to sulfur in novel imidazole-based deep eutectic solvents. <i>Chemical Communications</i> , 2018, 54, 8964-8967.	4.1	77
59	Efficient SO <sub>2</sub> Capture and Fixation to Cyclic Sulfites by Dual Ether-Functionalized Protic Ionic Liquids without Any Additives. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 10886-10895.	6.7	60
60	Direct Synthesis of Dimethyl Carbonate from Carbon Dioxide and Methanol at Room Temperature Using Imidazolium Hydrogen Carbonate Ionic Liquid as a Recyclable Catalyst and Dehydrant. <i>ChemSusChem</i> , 2017, 10, 2046-2052.	6.8	83
61	Catalyst-free N-formylation of amines using BH <sub>3</sub> NH <sub>3</sub> and CO <sub>2</sub> under mild conditions. <i>Chemical Communications</i> , 2017, 53, 8046-8049.	4.1	66
62	Supported protic-ionic-liquid membranes with facilitated transport mechanism for the selective separation of CO <sub>2</sub> . <i>Journal of Membrane Science</i> , 2017, 527, 60-67.	8.2	59
63	Concentrated aqueous solutions of protic ionic liquids as effective CO <sub>2</sub> absorbents with high absorption capacities. <i>Journal of Molecular Liquids</i> , 2017, 243, 169-177.	4.9	18
64	Selective separation of H <sub>2</sub> S and CO <sub>2</sub> from CH <sub>4</sub> by supported ionic liquid membranes. <i>Journal of Membrane Science</i> , 2017, 543, 282-287.	8.2	71
65	Absorption of H <sub>2</sub> S and CO <sub>2</sub> in Aqueous Solutions of Tertiary-Amine Functionalized Protic Ionic Liquids. <i>Energy &amp; Fuels</i> , 2017, 31, 14060-14069.	5.1	27
66	Oxidation of olefins using molecular oxygen catalyzed by a part per million level of recyclable copper catalyst under mild conditions. <i>Green Chemistry</i> , 2017, 19, 675-681.	9.0	21
67	Binary Brønsted Acidic Ionic Liquids (BBALLs) as the Reactive Extraction Intensified Catalysts for the Esterification of Acetic Acid and <i>n</i> -Butanol. <i>Journal of Chemical Engineering of Japan</i> , 2017, 50, 632-640.	0.6	2
68	Hydrophobic protic ionic liquids tethered with tertiary amine group for highly efficient and selective absorption of H <sub>2</sub> S from CO <sub>2</sub> . <i>AIChE Journal</i> , 2016, 62, 4480-4490.	3.6	102
69	Room-Temperature Hydration of Alkynes Catalyzed by Different Carbene Gold Complexes and their Precursors. <i>ChemCatChem</i> , 2016, 8, 262-267.	3.7	21
70	Room temperature hydroamination of alkynes with anilines catalyzed by anti-Bredt di(amino)carbene gold(i) complexes. <i>New Journal of Chemistry</i> , 2016, 40, 5993-5996.	2.8	17
71	Cyano-Containing Protic Ionic Liquids for Highly Selective Absorption of SO <sub>2</sub> from CO <sub>2</sub> : Experimental Study and Theoretical Analysis. <i>Industrial &amp; Engineering Chemistry Research</i> , 2016, 55, 11012-11021.	3.7	45
72	The ionic liquid-mediated Claus reaction: a highly efficient capture and conversion of hydrogen sulfide. <i>Green Chemistry</i> , 2016, 18, 1859-1863.	9.0	58

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73	Airâ€Stable (CAAC)CuCl and (CAAC)CuBH <sub>4</sub> Complexes as Catalysts for the Hydrolytic Dehydrogenation of BH <sub>3</sub> NH <sub>3</sub> . <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6008-6011.	13.8	95
74	Low-viscous fluorine-substituted phenolic ionic liquids with high performance for capture of CO <sub>2</sub> . <i>Chemical Engineering Journal</i> , 2015, 274, 30-38.	12.7	73
75	Structure and asymmetric epoxidation reactivity of chiral Mn( <i>iii</i> ) salen catalysts modified by different axial anions. <i>RSC Advances</i> , 2015, 5, 80772-80778.	3.6	5
76	Hydration of alkynes at room temperature catalyzed by gold( <i>i</i> ) isocyanide compounds. <i>Green Chemistry</i> , 2015, 17, 532-537.	9.0	79
77	A water-soluble palladium-salen catalyst modified by pyridinium salt showing higher reactivity and recoverability for Heck coupling reaction. <i>Journal of Molecular Catalysis A</i> , 2015, 396, 55-60.	4.8	16
78	Amino Acid Modified Macroreticular Anion Exchange Resins for CO <sub>2</sub> Adsorption. <i>Journal of Chemical Engineering of Japan</i> , 2015, 48, 268-275.	0.6	5
79	Improvement the Activity and Selectivity of Fenton System in the Oxidation of Alcohols. <i>Journal of Catalysts</i> , 2014, 2014, 1-6.	0.5	4
80	Dual Lewis Base Functionalization of Ionic Liquids for Highly Efficient and Selective Capture of H <sub>2</sub> S. <i>ChemPlusChem</i> , 2014, 79, 241-249.	2.8	62
81	Comparative Study of the Solubilities of SO <sub>2</sub> in Five Low Volatile Organic Solvents (Sulfolane, Ethylene Glycol, Propylene Carbonate, <i>N</i> -Methylimidazole, and Tj ETQq1 1 0.784314 rgBT /Overbøk 10 Tf 50 417 T		
82	Protic ionic liquids for the selective absorption of H <sub>2</sub> S from CO <sub>2</sub> : Thermodynamic analysis. <i>AIChE Journal</i> , 2014, 60, 4232-4240.	3.6	123
83	Facilitated separation of CO <sub>2</sub> and SO <sub>2</sub> through supported liquid membranes using carboxylate-based ionic liquids. <i>Journal of Membrane Science</i> , 2014, 471, 227-236.	8.2	91
84	Gold-Catalyzed Hydroarylation of Alkenes with Dialkylanilines. <i>Journal of the American Chemical Society</i> , 2014, 136, 13594-13597.	13.7	139
85	Experimental study and thermodynamical modelling of the solubilities of SO <sub>2</sub> , H <sub>2</sub> S and CO <sub>2</sub> in <i>N</i> -dodecylimidazole and 1,1- <i>oxybis</i> (2,1-ethanedioxy-2,1-ethanedioyl)]bis(imidazole): An evaluation of their potential application in the separation of acidic gases. <i>Fluid Phase Equilibria</i> , 2014, 378, 21-33.	2.5	22
86	SO <sub>2</sub> absorption in acid salt ionic liquids/sulfolane binary mixtures: Experimental study and thermodynamic analysis. <i>Chemical Engineering Journal</i> , 2014, 237, 478-486.	12.7	121
87	The Effect of Nano Confinement on the C-H Activation and its Corresponding Structure-Activity Relationship. <i>Scientific Reports</i> , 2014, 4, 7225.	3.3	13
88	Dicarboxylic acid salts as task-specific ionic liquids for reversible absorption of SO <sub>2</sub> with a low enthalpy change. <i>RSC Advances</i> , 2013, 3, 16264.	3.6	64
89	Absorption of SO <sub>2</sub> in aqueous solutions of mixed hydroxylammonium dicarboxylate ionic liquids. <i>Chemical Engineering Journal</i> , 2013, 215-216, 36-44.	12.7	92
90	Thermodynamic validation of 1-alkyl-3- <i>methyylimidazolium</i> carboxylates as task-specific ionic liquids for H <sub>2</sub> S absorption. <i>AIChE Journal</i> , 2013, 59, 2227-2235.	3.6	135

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91	Impact of $\hat{\pm}$ -d-glucose pentaacetate on the selective separation of CO <sub>2</sub> and SO <sub>2</sub> in supported ionic liquid membranes. <i>Green Chemistry</i> , 2012, 14, 1440.	9.0	27
92	CO oxidation on metal-free nitrogen-doped carbon nanotubes and the related structure–reactivity relationships. <i>Journal of Materials Chemistry</i> , 2012, 22, 15198.	6.7	47
93	Density functional theory study on nitrogen-doped carbon nanotubes with and without oxygen adsorption: the influence of length and diameter. <i>New Journal of Chemistry</i> , 2011, 35, 2601.	2.8	21
94	Structure–Reactivity Relationships of Metalloporphyrin Modified by Ionic Liquid and Its Analogue. <i>Journal of Physical Chemistry C</i> , 2011, 115, 23913-23921.	3.1	21
95	Kinetics for the Esterification Reaction of <i>n</i> -Butanol with Acetic Acid Catalyzed by Noncorrosive Brønsted Acidic Ionic Liquids. <i>Industrial &amp; Engineering Chemistry Research</i> , 2011, 50, 1989-1996.	3.7	73
96	Approaching and Bond Breaking Energies in the C–H Activation and Their Application in Catalyst Design. <i>Journal of Physical Chemistry A</i> , 2011, 115, 904-910.	2.5	14
97	Correlation Analysis of the Substituent Electronic Effects on the Allylic H-Abstraction in Cyclohexene by Phthalimide- <i>N</i> -oxyl Radicals: a DFT Study. <i>Journal of Physical Chemistry B</i> , 2010, 114, 4862-4869.	2.6	40
98	Adsorption and Activation of O <sub>2</sub> on Nitrogen-Doped Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2010, 114, 9603-9607.	3.1	164
99	Theoretical study on the structure–reactivity relationships of acetylacetone–Fe catalyst modified by ionic compound in C–H activation reaction. <i>Journal of Catalysis</i> , 2010, 272, 320-332.	6.2	33
100	Copper-salen catalysts modified by ionic compounds for the oxidation of cyclohexene by oxygen. <i>Journal of Molecular Catalysis A</i> , 2010, 327, 25-31.	4.8	30
101	An environmentally benign catalytic oxidation of cholesteryl acetate with molecular oxygen by using <i>N</i> -hydroxyphthalimide. <i>Green Chemistry</i> , 2009, 11, 1013.	9.0	29
102	Acetylacetone–Fe catalyst modified by imidazole ionic compound and its application in aerobic oxidation of $\hat{2}$ -isophorone. <i>Catalysis Communications</i> , 2009, 10, 1908-1912.	3.3	34
103	Iron chloride supported on pyridine-modified mesoporous silica: an efficient and reusable catalyst for the allylic oxidation of olefins with molecular oxygen. <i>Green Chemistry</i> , 2008, 10, 827.	9.0	41
104	A mild and efficient oxidation of 2,3,6-trimethylphenol to trimethyl-1,4-benzoquinone in ionic liquids. <i>Catalysis Communications</i> , 2008, 9, 1979-1981.	3.3	23
105	Two Unexpected Roles of Water: Assisting and Preventing Functions in the Oxidation of Methane and Methanol Catalyzed by Porphyrin–Fe and Porphyrin–SH–Fe. <i>Journal of Physical Chemistry B</i> , 2008, 112, 10684-10688.	2.6	13
106	Tautomerism of Uracil and 5-Bromouracil in a Microcosmic Environment with Water and Metal Ions. What Roles Do Metal Ions Play?. <i>Journal of Physical Chemistry B</i> , 2007, 111, 9347-9354.	2.6	22
107	All-Metal Aromatic Complexes Show High Reactivity in the Oxidation Reaction of Methane and Some Hydrocarbons. <i>Journal of Physical Chemistry A</i> , 2007, 111, 8352-8356.	2.5	8
108	The Reactivity of All-Metal Aromatic Complexes: A Theoretical Investigation on the Methane Activation Reaction. <i>Journal of Physical Chemistry B</i> , 2006, 110, 14046-14049.	2.6	12



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109	Reaction Mechanism of Uracil Bromination by HBrO: A New Way To Generate the Enol~Keto Form of 5-Bromouracil. <i>Journal of Physical Chemistry A</i> , 2006, 110, 11188-11193.	2.5	5
110	Exploring a new kind of aromatic hydrogen bond: hydrogen bonding to all-metal aromatic species. <i>New Journal of Chemistry</i> , 2005, 29, 1295.	2.8	8
111	Systematic Study of the Tautomerism of Uracil Induced by Proton Transfer. Exploration of Water Stabilization and Mutagenicity. <i>Journal of Physical Chemistry B</i> , 2005, 109, 5935-5944.	2.6	63
112	Theoretical Study of the Proton Transfer of Uracil and (Water) <sub>n</sub> (n= 0~4): Water Stabilization and Mutagenicity for Uracil. <i>Journal of Physical Chemistry B</i> , 2004, 108, 12999-13007.	2.6	72
113	Proton Transfer of Formamide +nH <sub>2</sub> O (n= 0~3): Protective and Assistant Effect of the Water Molecule. <i>Journal of Physical Chemistry A</i> , 2004, 108, 10219-10224.	2.5	30
114	Mutagenic Mechanism of the A-T to G-C Transition Induced by 5-Bromouracil: An ab Initio Study. <i>Biochemistry</i> , 2004, 43, 6361-6369.	2.5	46