

Krista S Walton

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.

129 papers	12,860 citations	50 h-index	113 g-index
133 ext. papers	14,579 ext. citations	7.9 avg, IF	6.91 L-index

#	Paper	IF	Citations
129	Carbon Dioxide Capture Chemistry of Amino Acid Functionalized Metal-Organic Frameworks in Humid Flue Gas.. <i>Journal of the American Chemical Society</i> , 2022 ,	16.4	15
128	Discrepancy quantification between experimental and simulated data of CO ₂ adsorption isotherm using hierarchical Bayesian estimation. <i>Separation and Purification Technology</i> , 2022 , 121371	8.3	0
127	A Collection of More than 900 Gas Mixture Adsorption Experiments in Porous Materials from Literature Meta-Analysis. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 639-651	3.9	22
126	Steric and Electronic Effects on the Interaction of Xe and Kr with Functionalized Zirconia Metal-Organic Frameworks 2021 , 3, 504-510		1
125	An automated multi-component gas adsorption system (MC GAS). <i>Review of Scientific Instruments</i> , 2021 , 92, 054102	1.7	2
124	Humid Ethylene/Ethane Separation on Ethylene-Selective Materials. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 9940-9947	3.9	6
123	Structural similarity, synthesis, and adsorption properties of aluminum-based metal-organic frameworks. <i>Adsorption</i> , 2021 , 27, 227-236	2.6	1
122	Modulation and Tuning of UiO-66 for Lewis Acid Catalyzed Carbohydrate Conversion: Conversion of Unprotected Aldose Sugars to Polyhydroxyalkyl and C-Glycosyl Furans. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 11581-11595	8.3	4
121	Water Bridges Substitute for Defects in Amine-Functionalized UiO-66, Boosting CO Adsorption. <i>Langmuir</i> , 2021 , 37, 10439-10449	4	3
120	Tuning the Wettability of Metal-Organic Frameworks via Defect Engineering for Efficient Oil/Water Separation. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 34413-34422	9.5	15
119	NMR Crystallography of Aluminum Carbide: Impurities in the Reagent and Improved ²⁷ Al NMR Tensors. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 7238-7243	3.8	1
118	Anisotropic Thermal Expansion in an Anionic Framework Showing Guest-Dependent Phases. <i>Frontiers in Chemistry</i> , 2020 , 8, 506	5	1
117	A combined experimental and DFT study of H ₂ O effect on In ₂ O ₃ /ZrO ₂ catalyst for CO ₂ hydrogenation to methanol. <i>Journal of Catalysis</i> , 2020 , 383, 283-296	7.3	35
116	In situ visualization of loading-dependent water effects in a stable metal-organic framework. <i>Nature Chemistry</i> , 2020 , 12, 186-192	17.6	30
115	Tuning residual metal in partially etched carbide-derived carbons for enhanced acid gas adsorption. <i>Carbon</i> , 2020 , 158, 481-493	10.4	6
114	Prediction of water stability of metal-organic frameworks using machine learning. <i>Nature Machine Intelligence</i> , 2020 , 2, 704-710	22.5	29
113	Enhanced Sulfur Dioxide Adsorption in UiO-66 Through Crystal Engineering and Chalcogen Bonding. <i>Crystal Growth and Design</i> , 2020 , 20, 6139-6146	3.5	9

112	Tuning the Structures of Metal-Organic Frameworks via a Mixed-Linker Strategy for Ethylene/Ethane Kinetic Separation. <i>Chemistry of Materials</i> , 2020 , 32, 3715-3722	9.6	19
111	Membrane-Coated UiO-66 MOF Adsorbents. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 1352-1362	3.9	11
110	110th Anniversary: Commentary: Perspectives on Adsorption of Complex Mixtures. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 17100-17105	3.9	7
109	Rapid Cycling and Exceptional Yield in a Metal-Organic Framework Water Harvester. <i>ACS Central Science</i> , 2019 , 5, 1699-1706	16.8	150
108	Superhydrophobic Functionalization of Cotton Fabric via Reactive Dye Chemistry and a Thiol-ene Click Reaction. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 22534-22540	3.9	8
107	Kinetics of Water Adsorption in UiO-66 MOF. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 10550-10558	3.9	18
106	Room-Temperature Synthesis of Metal-Organic Framework Isomers in the Tetragonal and Kagome Crystal Structure. <i>Inorganic Chemistry</i> , 2019 , 58, 7690-7697	5.1	11
105	High-Performance Electrodes for a Hybrid Supercapacitor Derived from a Metal-Organic Framework/Graphene Composite. <i>ACS Applied Energy Materials</i> , 2019 , 2, 5029-5038	6.1	24
104	Impact of MOF defects on the binary adsorption of CO ₂ and water in UiO-66. <i>Chemical Engineering Science</i> , 2019 , 203, 346-357	4.4	46
103	Production of metal-organic framework-bearing polystyrene fibers by solution blow spinning. <i>Chemical Engineering Science</i> , 2019 , 203, 220-227	4.4	9
102	Does Chemical Engineering Research Have a Reproducibility Problem?. <i>Annual Review of Chemical and Biomolecular Engineering</i> , 2019 , 10, 43-57	8.9	14
101	Household Aluminum Products as Insoluble Precursors for Directed Growth of Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , 2019 , 19, 5097-5104	3.5	7
100	Design, Parameterization, and Implementation of Atomic Force Fields for Adsorption in Nanoporous Materials. <i>Advanced Theory and Simulations</i> , 2019 , 2, 1900135	3.5	27
99	CO ₂ hydrogenation to methanol on Pd Cu bimetallic catalysts with lower metal loadings. <i>Catalysis Communications</i> , 2019 , 118, 10-14	3.2	36
98	Stability of Zeolitic Imidazolate Frameworks in NO ₂ . <i>Journal of Physical Chemistry C</i> , 2019 , 123, 2336-2346	4.8	22
97	Moving Beyond Adsorption Capacity in Design of Adsorbents for CO ₂ Capture from Ultradilute Feeds: Kinetics of CO ₂ Adsorption in Materials with Stepped Isotherms. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 366-377	3.9	30
96	Liquid-Phase Multicomponent Adsorption and Separation of Xylene Mixtures by Flexible MIL-53 Adsorbents. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 386-397	3.8	36
95	Synthesis and Characterization of UiO-66-NH ₂ Metal-Organic Framework Cotton Composite Textiles. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 9151-9161	3.9	47

94	Structured Growth of Metal-Organic Framework MIL-53(Al) from Solid Aluminum Carbide Precursor. <i>Journal of the American Chemical Society</i> , 2018 , 140, 9148-9153	16.4	28
93	DMOF-1 as a Representative MOF for SO ₂ Adsorption in Both Humid and Dry Conditions. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 23493-23500	3.8	35
92	Acid Gas Stability of Zeolitic Imidazolate Frameworks: Generalized Kinetic and Thermodynamic Characteristics. <i>Chemistry of Materials</i> , 2018 , 30, 4089-4101	9.6	49
91	Probing Metal-Organic Framework Design for Adsorptive Natural Gas Purification. <i>Langmuir</i> , 2018 , 34, 8443-8450	4	39
90	Engineering Copper Carboxylate Functionalities on Water Stable Metal-Organic Frameworks for Enhancement of Ammonia Removal Capacities. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 3310-3319	3.8	22
89	Functionalized Bimetallic Hydroxides Derived from Metal-Organic Frameworks for High-Performance Hybrid Supercapacitor with Exceptional Cycling Stability. <i>ACS Energy Letters</i> , 2017 , 2, 1263-1269	20.1	128
88	Monolith-Supported Amine-Functionalized Mg(dobpdc) Adsorbents for CO Capture. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 17042-17050	9.5	53
87	Understanding Structure, Metal Distribution, and Water Adsorption in Mixed-Metal MOF-74. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 627-635	3.8	37
86	The effects of reactor design on the synthesis of titanium carbide-derived carbon. <i>Chemical Engineering Science</i> , 2017 , 160, 191-199	4.4	5
85	Synthesis and characterization of aluminum carbide-derived carbon with residual aluminum-based nanoparticles. <i>Carbon</i> , 2017 , 114, 482-495	10.4	15
84	Research Challenges in Avoiding "Showstoppers" in Developing Materials for Large-Scale Energy Applications. <i>Joule</i> , 2017 , 1, 208-211	27.8	28
83	Effect of Surface Structure of TiO ₂ Nanoparticles on CO ₂ Adsorption and SO ₂ Resistance. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 9295-9306	8.3	29
82	Heat-Treatment of Defective UiO-66 from Modulated Synthesis: Adsorption and Stability Studies. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 23471-23479	3.8	42
81	CO ₂ Dynamics in Pure and Mixed-Metal MOFs with Open Metal Sites. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 25778-25787	3.8	49
80	Computational Screening of Functionalized UiO-66 Materials for Selective Contaminant Removal from Air. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 20396-20406	3.8	22
79	Flexible Force Field Parameterization through Fitting on the Ab Initio-Derived Elastic Tensor. <i>Journal of Chemical Theory and Computation</i> , 2017 , 13, 3722-3730	6.4	11
78	Computational investigation on CO ₂ adsorption in titanium carbide-derived carbons with residual titanium. <i>Carbon</i> , 2017 , 111, 741-751	10.4	9
77	Interactions of SO ₂ -Containing Acid Gases with ZIF-8: Structural Changes and Mechanistic Investigations. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 27221-27229	3.8	71

76	Direct Air Capture of CO ₂ Using Amine Functionalized MIL-101(Cr). <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 5761-5768	8.3	131
75	Predicting Multicomponent Adsorption Isotherms in Open-Metal Site Materials Using Force Field Calculations Based on Energy Decomposed Density Functional Theory. <i>Chemistry - A European Journal</i> , 2016 , 22, 18045-18050	4.8	10
74	Synergistic Effect of Mixed Oxide on the Adsorption of Ammonia with Metal-Organic Frameworks. <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 6492-6500	3.9	16
73	Role of defects and metal coordination on adsorption of acid gases in MOFs and metal oxides: An in situ IR spectroscopic study. <i>Microporous and Mesoporous Materials</i> , 2016 , 227, 65-75	5.3	24
72	Synergistic Effects of Water and SO ₂ on Degradation of MIL-125 in the Presence of Acid Gases. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 27230-27240	3.8	59
71	CO ₂ capture via adsorption in amine-functionalized sorbents. <i>Current Opinion in Chemical Engineering</i> , 2016 , 12, 82-90	5.4	84
70	Nickel-based pillared MOFs for high-performance supercapacitors: Design, synthesis and stability study. <i>Nano Energy</i> , 2016 , 26, 66-73	17.1	238
69	Optimization of Particle Transfers in the Gibbs Ensemble for Systems with Strong and Directional Interactions Using CBMC, CFCMC, and CB/CFCMC. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 9148-9159	3.8	15
68	Inorganic chemistry: Movies of a growth mechanism. <i>Nature</i> , 2015 , 523, 535-6	50.4	2
67	Modulating adsorption and stability properties in pillared metal-organic frameworks: a model system for understanding ligand effects. <i>Accounts of Chemical Research</i> , 2015 , 48, 2850-7	24.3	72
66	Investigating water and framework dynamics in pillared MOFs. <i>Molecular Simulation</i> , 2015 , 41, 1379-1387	3.7	10
65	Tailored Fe ₃ C-derived carbons with embedded Fe nanoparticles for ammonia adsorption. <i>Carbon</i> , 2015 , 95, 208-219	10.4	10
64	Tuning the Kinetic Water Stability and Adsorption Interactions of Mg-MOF-74 by Partial Substitution with Co or Ni. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 12408-12414	3.9	108
63	Evaluation of MOFs for air purification and air quality control applications: Ammonia removal from air. <i>Chemical Engineering Science</i> , 2015 , 124, 118-124	4.4	144
62	Predicting multicomponent adsorption: 50 years of the ideal adsorbed solution theory. <i>AIChE Journal</i> , 2015 , 61, 2757-2762	3.6	219
61	Effect of synthesis solvent on the breathing behavior of MIL-53(Al). <i>Journal of Colloid and Interface Science</i> , 2015 , 447, 33-9	9.3	63
60	Understanding DABCO Nanorotor Dynamics in Isostructural Metal-Organic Frameworks. <i>Journal of Physical Chemistry Letters</i> , 2015 , 6, 812-6	6.4	30
59	Structural stability of BTTB-based metal-organic frameworks under humid conditions. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 1624-1631	13	19

58	Synthesis of cobalt-, nickel-, copper-, and zinc-based, water-stable, pillared metal-organic frameworks. <i>Langmuir</i> , 2014 , 30, 14300-7	4	58
57	An alternative UiO-66 synthesis for HCl-sensitive nanoparticle encapsulation. <i>RSC Advances</i> , 2014 , 4, 51080-51083	3.7	30
56	Water stability and adsorption in metal-organic frameworks. <i>Chemical Reviews</i> , 2014 , 114, 10575-612	68.1	1513
55	Synthesis of embedded iron nanoparticles in Fe ₃ C-derived carbons. <i>Carbon</i> , 2014 , 79, 74-84	10.4	16
54	Control of Metal-Organic Framework Crystal Topology by Ligand Functionalization: Functionalized HKUST-1 Derivatives. <i>Crystal Growth and Design</i> , 2014 , 14, 6122-6128	3.5	43
53	Effects of pelletization pressure on the physical and chemical properties of the metal-organic frameworks Cu ₃ (BTC) ₂ and UiO-66. <i>Microporous and Mesoporous Materials</i> , 2013 , 179, 48-53	5.3	115
52	Effect of catenation and basicity of pillared ligands on the water stability of MOFs. <i>Dalton Transactions</i> , 2013 , 42, 15421-6	4.3	96
51	On the inner workings of Monte Carlo codes. <i>Molecular Simulation</i> , 2013 , 39, 1253-1292	2	238
50	Kinetic water stability of an isostructural family of zinc-based pillared metal-organic frameworks. <i>Langmuir</i> , 2013 , 29, 633-42	4	138
49	Adsorption study of CO ₂ , CH ₄ , N ₂ , and H ₂ O on an interwoven copper carboxylate metal-organic framework (MOF-14). <i>Journal of Colloid and Interface Science</i> , 2013 , 392, 331-336	9.3	50
48	Synthesis, Characterization, and Adsorption Studies of Nickel(II), Zinc(II), and Magnesium(II) Coordination Frameworks of BTTB. <i>Crystal Growth and Design</i> , 2013 , 13, 1075-1081	3.5	39
47	MOF stability and gas adsorption as a function of exposure to water, humid air, SO ₂ , and NO ₂ . <i>Microporous and Mesoporous Materials</i> , 2013 , 173, 86-91	5.3	81
46	Experimental Study of CO ₂ , CH ₄ , and Water Vapor Adsorption on a Dimethyl-Functionalized UiO-66 Framework. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 7062-7068	3.8	56
45	Stability and degradation mechanisms of metal-organic frameworks containing the Zr ₆ O ₄ (OH) ₄ secondary building unit. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 5642	13	469
44	Molecular-level insight into unusual low pressure CO ₂ affinity in pillared metal-organic frameworks. <i>Journal of the American Chemical Society</i> , 2013 , 135, 7172-80	16.4	82
43	Kinetics study and crystallization process design for scale-up of UiO-66-NH ₂ synthesis. <i>AIChE Journal</i> , 2013 , 59, 1255-1262	3.6	51
42	Adjusting the stability of metal-organic frameworks under humid conditions by ligand functionalization. <i>Langmuir</i> , 2012 , 28, 16874-80	4	143
41	Impact of Alkyl-Functionalized BTC on Properties of Copper-Based Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , 2012 , 12, 3709-3713	3.5	59

40	Tuning the adsorption properties of UiO-66 via ligand functionalization. <i>Langmuir</i> , 2012 , 28, 15606-13	4	388
39	High-throughput screening of metal-organic frameworks for CO ₂ separation. <i>ACS Combinatorial Science</i> , 2012 , 14, 263-7	3.9	91
38	Rational Tuning of Water Vapor and CO ₂ Adsorption in Highly Stable Zr-Based MOFs. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 23526-23532	3.8	121
37	Structure and mobility of metal clusters in MOFs: Au, Pd, and AuPd clusters in MOF-74. <i>Journal of the American Chemical Society</i> , 2012 , 134, 12807-16	16.4	109
36	Breathing effects of CO ₂ adsorption on a flexible 3D lanthanide metal-organic framework. <i>Journal of Materials Chemistry</i> , 2012 , 22, 10172		61
35	Effect of Water Adsorption on Retention of Structure and Surface Area of Metal-Organic Frameworks. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 6513-6519	3.9	393
34	Thermal Analysis and Heat Capacity Study of Metal-Organic Frameworks. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 22748-22754	3.8	107
33	High-Pressure Adsorption Equilibrium of CO ₂ , CH ₄ , and CO on an Impregnated Activated Carbon. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 390-397	2.8	15
32	Adsorption equilibrium of methane and carbon dioxide on porous metal-organic framework Zn-BTB. <i>Adsorption</i> , 2011 , 17, 777-782	2.6	18
31	MOF-74 building unit has a direct impact on toxic gas adsorption. <i>Chemical Engineering Science</i> , 2011 , 66, 163-170	4.4	438
30	Fabrication of metal-organic framework-containing silica-colloidal crystals for vapor sensing. <i>Advanced Materials</i> , 2011 , 23, 4449-52	24	148
29	A Porous Flexible Homochiral SrSi ₂ Array of Single-Stranded Helical Nanotubes Exhibiting Single-Crystal-to-Single-Crystal Oxidation Transformation. <i>Angewandte Chemie</i> , 2011 , 123, 456-460	3.6	13
28	A porous flexible homochiral SrSi ₂ array of single-stranded helical nanotubes exhibiting single-crystal-to-single-crystal oxidation transformation. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 436-40	16.4	61
27	Exceptional ammonia uptake by a covalent organic framework. <i>Nature Chemistry</i> , 2010 , 2, 235-8	17.6	675
26	Molecular Simulations and Experimental Studies of CO ₂ , CO, and N ₂ Adsorption in Metal-Organic Frameworks. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 15735-15740	3.8	154
25	A metal-organic framework with coordinatively unsaturated metal centers and microporous structure. <i>CrystEngComm</i> , 2010 , 12, 2347	3.3	22
24	Gas Adsorption Study on Mesoporous Metal-Organic Framework UCM-1. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 6464-6471	3.8	148
23	Strategies for Characterization of Large-Pore Metal-Organic Frameworks by Combined Experimental and Computational Methods. <i>Chemistry of Materials</i> , 2009 , 21, 4768-4777	9.6	64

22	A novel metal-organic coordination polymer for selective adsorption of CO ₂ over CH ₄ . <i>Chemical Communications</i> , 2009 , 2493-5	5.8	143
21	Highly efficient separation of carbon dioxide by a metal-organic framework replete with open metal sites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 20637-40	11.5	950
20	Effect of open metal sites on adsorption of polar and nonpolar molecules in metal-organic framework Cu-BTC. <i>Langmuir</i> , 2008 , 24, 8620-6	4	190
19	Understanding inflections and steps in carbon dioxide adsorption isotherms in metal-organic frameworks. <i>Journal of the American Chemical Society</i> , 2008 , 130, 406-7	16.4	458
18	Separation and molecular-level segregation of complex alkane mixtures in metal-organic frameworks. <i>Journal of the American Chemical Society</i> , 2008 , 130, 10884-5	16.4	111
17	Applicability of the BET method for determining surface areas of microporous metal-organic frameworks. <i>Journal of the American Chemical Society</i> , 2007 , 129, 8552-6	16.4	738
16	Exceptional negative thermal expansion in isorecticular metal-organic frameworks. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 4496-9	16.4	260
15	Molecular simulation of adsorption sites of light gases in the metal-organic framework IRMOF-1. <i>Fluid Phase Equilibria</i> , 2007 , 261, 152-161	2.5	120
14	Calculating Geometric Surface Areas as a Characterization Tool for Metal-Organic Frameworks. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 15350-15356	3.8	446
13	A Novel Adsorption Cycle for CO ₂ Recovery: Experimental and Theoretical Investigations of a Temperature Swing Compression Process. <i>Separation Science and Technology</i> , 2006 , 41, 485-500	2.5	24
12	CO ₂ adsorption in Y and X zeolites modified by alkali metal cation exchange. <i>Microporous and Mesoporous Materials</i> , 2006 , 91, 78-84	5.3	359
11	Natural gas storage cycles: Influence of nonisothermal effects and heavy alkanes. <i>Adsorption</i> , 2006 , 12, 227-235	2.6	25
10	Effect of Energy Balance Approximations on Simulation of Fixed-Bed Adsorption. <i>Industrial & Engineering Chemistry Research</i> , 2005 , 44, 7474-7480	3.9	10
9	Adsorbed-Phase Heat Capacities: Thermodynamically Consistent Values Determined from Temperature-Dependent Equilibrium Models. <i>Industrial & Engineering Chemistry Research</i> , 2005 , 44, 178-182	3.9	11
8	Adsorption Equilibrium of Alkanes on a High Surface Area Activated Carbon Prepared from Brazilian Coconut Shells. <i>Adsorption</i> , 2005 , 11, 107-111	2.6	25
7	Development of Energy Balances for Fixed-Bed Adsorption Processes: Thermodynamic Paths, Heat Capacities and Isothermic Heats. <i>Adsorption</i> , 2005 , 11, 555-559	2.6	0
6	Simple group contribution theory for adsorption of alkanes in nanoporous carbons. <i>Chemical Engineering Science</i> , 2004 , 59, 4425-4432	4.4	9
5	Consistency of Energy and Material Balances for Bidisperse Particles in Fixed-Bed Adsorption and Related Applications. <i>Industrial & Engineering Chemistry Research</i> , 2003 , 42, 6938-6948	3.9	18

4	Opening the Toolbox: 18 Experimental Techniques for Measurement of Mixed Gas Adsorption. <i>Industrial & Engineering Chemistry Research</i> ,	3.9	3
3	How Reproducible Are Surface Areas Calculated from the BET Equation?		5
2	How Reproducible are Surface Areas Calculated from the BET Equation?. <i>Advanced Materials</i> ,2201502	24	12
1	Effect of Loading on the Water Stability of the MetalOrganic Framework DMOF-1 [Zn(bdc)(dabco)0.5]. <i>Journal of Physical Chemistry Letters</i> ,4891-4896	6.4	1