Harry G W Godfrey

List of Publications by Year
in descending order

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20	1,463	643344 15	843174 20
papers	citations	h-index	g-index

21	21	21	2062
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High Ammonia Adsorption in MFM-300 Materials: Dynamics and Charge Transfer in Hostâ€“Guest Binding. Journal of the American Chemical Society, 2021, 143, 3153-3161.	6.6	67
2	Long-Term Stability of MFM-300(Al) toward Toxic Air Pollutants. ACS Applied Materials & Interfaces, 2020, 12, 42949-42954.	4.0	19
3	Observation of binding of carbon dioxide to nitro-decorated metalâ€“organic frameworks. Chemical Science, 2020, 11, 5339-5346.	3.7	28
4	Analysis by synchrotron X-ray scattering of the kinetics of formation of an Fe-based metal-organic framework with high CO2 adsorption. APL Materials, 2019, 7, 111104.	2.2	4
5	Post-synthetic modulation of the charge distribution in a metalâ€“organic framework for optimal binding of carbon dioxide and sulfur dioxide. Chemical Science, 2019, 10, 1472-1482.	3.7	62
6	Reversible coordinative binding and separation of sulfur dioxide in a robust metalâ€“organic framework with open copper sites. Nature Materials, 2019, 18, 1358-1365.	13.3	171
7	Direct observation of supramolecular binding of light hydrocarbons in vanadium(<scp>iii</scp>) and (<scp>iv</scp>) metalâ€“organic framework materials. Chemical Science, 2018, 9, 3401-3408.	3.7	22
8	Locating the binding domains in a highly selective mixed matrix membrane via synchrotron IR microspectroscopy. Chemical Communications, 2018, 54, 2866-2869.	2.2	9
9	InnenrÃ¼cktitelbild: Ammonia Storage by Reversible Hostâ€“Guest Site Exchange in a Robust Metalâ€“Organic Framework (Angew. Chem. 45/2018). Angewandte Chemie, 2018, 130, 15163-15163.	1.6	0
10	Exceptional Adsorption and Binding of Sulfur Dioxide in a Robust Zirconium-Based Metalâ€“Organic Framework. Journal of the American Chemical Society, 2018, 140, 15564-15567.	6.6	149
11	Optimal Binding of Acetylene to a Nitro-Decorated Metalâ€“Organic Framework. Journal of the American Chemical Society, 2018, 140, 16006-16009.	6.6	31
12	Ammonia Storage by Reversible Hostâ€“Guest Site Exchange in a Robust Metalâ€“Organic Framework. Angewandte Chemie, 2018, 130, 14994-14997.	1.6	14
13	Ammonia Storage by Reversible Hostâ€“Guest Site Exchange in a Robust Metalâ€“Organic Framework. Angewandte Chemie - International Edition, 2018, 57, 14778-14781.	7.2	86
14	Reversible adsorption of nitrogen dioxide within a robust porous metalâ€“organic framework. Nature Materials, 2018, 17, 691-696.	13.3	162
15	Stepwise observation and quantification and mixed matrix membrane separation of CO₂ within a hydroxy-decorated porous host. Chemical Science, 2017, 8, 3239-3248.	3.7	15
16	Unravelling exceptional acetylene and carbon dioxide adsorption within a tetra-amide functionalized metal-organic framework. Nature Communications, 2017, 8, 14085.	5.8	193
17	Modulating supramolecular binding of carbon dioxide in a redox-active porous metal-organic framework. Nature Communications, 2017, 8, 14212.	5.8	75
18	Confinement of Iodine Molecules into Triple-Helical Chains within Robust Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2017, 139, 16289-16296.	6.6	199

#	Article	IF	Citations
19	Selective Hysteretic Sorption of Light Hydrocarbons in a Flexible Metalâ€“Organic Framework Material. Chemistry of Materials, 2016, 28, 2331-2340.	3.2	112
20	Amides Do Not Always Work: Observation of Guest Binding in an Amide-Functionalized Porous Metalâ€“Organic Framework. Journal of the American Chemical Society, 2016, 138, 14828-14831.	6.6	44