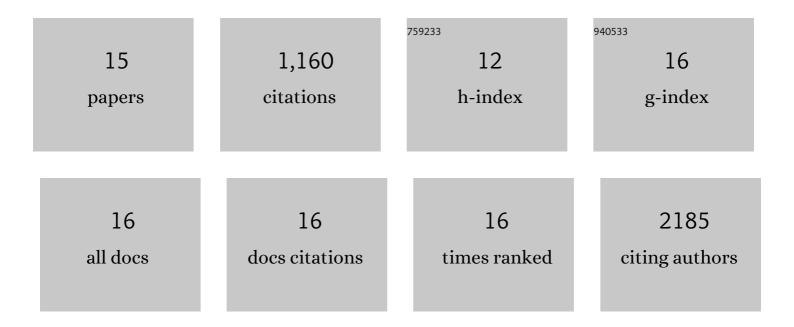
Alex Greenaway

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Porous Metal–Organic Polyhedra: Morphology, Porosity, and Guest Binding. Inorganic Chemistry, 2020, 59, 15646-15658.	4.0	16
2	Effects of crystal size on methanol to hydrocarbon conversion over single crystals of ZSM-5 studied by synchrotron infrared microspectroscopy. Physical Chemistry Chemical Physics, 2020, 22, 18849-18859.	2.8	10
3	Elementary Steps in the Formation of Hydrocarbons from Surface Methoxy Groups in HZSM-5 Seen by Synchrotron Infrared Microspectroscopy. ACS Catalysis, 2019, 9, 6564-6570.	11.2	48
4	Reactions of Dimethylether in Single Crystals of the Silicoaluminophosphate STA-7 Studied via Operando Synchrotron Infrared Microspectroscopy. Topics in Catalysis, 2018, 61, 199-212.	2.8	3
5	Cation Control of Molecular Sieving by Flexible Li-Containing Zeolite Rho. Journal of Physical Chemistry C, 2016, 120, 19652-19662.	3.1	45
6	Assembly of high nuclearity clusters from a family of tripodal tris-carboxylate ligands. Polyhedron, 2016, 120, 18-29.	2.2	5
7	Adsorption Materials and Processes for Carbon Capture from Gas-Fired Power Plants: AMPGas. Industrial & Engineering Chemistry Research, 2016, 55, 3840-3851.	3.7	84
8	Synthesis and Formation Mechanism of Textured MOF-5. Crystal Growth and Design, 2016, 16, 2104-2111.	3.0	46
9	Pore Shape Modification of a Microporous Metal–Organic Framework Using High Pressure: Accessing a New Phase with Oversized Guest Molecules. Chemistry of Materials, 2016, 28, 466-473.	6.7	31
10	A zeolite family with expanding structural complexity and embedded isoreticular structures. Nature, 2015, 524, 74-78.	27.8	167
11	Inâ€situ Synchrotron IR Microspectroscopy of CO ₂ Adsorption on Single Crystals of the Functionalized MOF Sc ₂ (BDCâ€NH ₂) ₃ . Angewandte Chemie - International Edition, 2014, 53, 13483-13487.	13.8	42
12	Stabilization of Scandium Terephthalate MOFs against Reversible Amorphization and Structural Phase Transition by Guest Uptake at Extreme Pressure. Journal of the American Chemical Society, 2014, 136, 8606-8613.	13.7	63
13	The Potential Applications of Nanoporous Materials for the Adsorption, Separation, and Catalytic Conversion of Carbon Dioxide. Advanced Energy Materials, 2014, 4, 1301873.	19.5	165
14	High-Nuclearity Metal–Organic Nanospheres: A Cd ₆₆ Ball. Journal of the American Chemical Society, 2012, 134, 55-58.	13.7	61
15	Exceptional Thermal Stability in a Supramolecular Organic Framework: Porosity and Gas Storage. Journal of the American Chemical Society, 2010, 132, 14457-14469.	13.7	369