

Peter D Southon

List of Publications by Year in descending order

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45
papers

4,070
citations

201575

27
h-index

233338

45
g-index

47
all docs

47
docs citations

47
times ranked

5467
citing authors

#	ARTICLE	IF	CITATIONS
1	Salen-Based Metal Complexes and the Physical Properties of their Porous Organic Polymers. Australian Journal of Chemistry, 2019, 72, 916.	0.5	1
2	Homochiral Metal Organic Frameworks and Their Usage for the Enantioselective Purification of Racemic Drugs. ChemistrySelect, 2018, 3, 10434-10438.	0.7	6
3	Mixed-Component Sulfone-Sulfoxide Tagged Zinc IRMOFs: <i>In Situ</i> Ligand Oxidation, Carbon Dioxide, and Water Sorption Studies. Crystal Growth and Design, 2017, 17, 2016-2023.	1.4	18
4	Tunable Porous Coordination Polymers for the Capture, Recovery and Storage of Inhalation Anesthetics. Chemistry - A European Journal, 2017, 23, 7871-7875.	1.7	19
5	Guest Programmable Multistep Spin Crossover in a Porous 2-D Hofmann-Type Material. Journal of the American Chemical Society, 2017, 139, 1330-1335.	6.6	169
6	Photoactive and Physical Properties of an Azobenzene-Containing Coordination Framework. Australian Journal of Chemistry, 2017, 70, 1171.	0.5	8
7	Flexible Yttrium Coordination Geometry Inhibits Bare-Metal-Guest Interactions in the Metal-Organic Framework Y(btc). Energies, 2016, 9, 836.	1.6	0
8	Photoresponsive spiropyran-functionalised MOF-808: postsynthetic incorporation and light dependent gas adsorption properties. Journal of Materials Chemistry A, 2016, 4, 10816-10819.	5.2	114
9	Exploiting Pressure To Induce a Guest-Blocked Spin Transition in a Framework Material. Inorganic Chemistry, 2016, 55, 10490-10498.	1.9	41
10	Commensurate CO ₂ Capture, and Shape Selectivity for HCCH over H ₂ CCH ₂ , in Zigzag Channels of a Robust Cu ₃ (CN)(L) Metal-Organic Framework. Inorganic Chemistry, 2016, 55, 6195-6200.	1.9	18
11	Reversible Guest Binding in a Nonporous Fe ₂ Coordination Polymer Host Toggles Spin Crossover. Chemistry - A European Journal, 2015, 21, 16066-16072.	1.7	41
12	Strong Interplay between the Electron Spin Lifetime in Chemically Synthesized Graphene Multilayers and Surface-Bound Oxygen. Chemistry - A European Journal, 2015, 21, 770-777.	1.7	11
13	Enhancing gas permeability in mixed matrix membranes through tuning the nanoparticle properties. Journal of Membrane Science, 2015, 482, 49-55.	4.1	65
14	Host-guest adsorption behavior of deuterated methane and molecular oxygen in a porous rare-earth metal-organic framework. Powder Diffraction, 2014, 29, S96-S101.	0.4	4
15	Selective Gas Adsorption in a Pair of Robust Isostructural MOFs Differing in Framework Charge and Anion Loading. Inorganic Chemistry, 2014, 53, 12076-12083.	1.9	29
16	Multifunctional MOFs through CO ₂ fixation: a metamagnetic kagome lattice with uniaxial zero thermal expansion and reversible guest sorption. Dalton Transactions, 2014, 43, 14766-14771.	1.6	21
17	Exploiting stable radical states for multifunctional properties in triarylamine-based porous organic polymers. Journal of Materials Chemistry A, 2014, 2, 12466-12474.	5.2	33
18	Guest Adsorption in the Nanoporous Metal-Organic Framework Cu ₃ (1,3,5-Benzenetricarboxylate) ₂ : Combined In Situ X-ray Diffraction and Vapor Sorption. Chemistry of Materials, 2014, 26, 4712-4723.	3.2	26

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37	Nanoporosity and Exceptional Negative Thermal Expansion in Single- μ -Network Cadmium Cyanide. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 1396-1399.	7.2	167
38	Negative Thermal Expansion in the Metal-Organic Framework Material $\text{Cu}_3(1,3,5\text{-benzenetricarboxylate})_2$. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8929-8932.	7.2	251
39	Single-Crystal to Single-Crystal Structural Transformation and Photomagnetic Properties of a Porous Iron(II) Spin-Crossover Framework. <i>Journal of the American Chemical Society</i> , 2008, 130, 2869-2876.	6.6	228
40	Functionalization of Halloysite Clay Nanotubes by Grafting with β -Aminopropyltriethoxysilane. <i>Journal of Physical Chemistry C</i> , 2008, 112, 15742-15751.	1.5	827
41	A nanoporous chiral metal-organic framework material that exhibits reversible guest adsorption. <i>Dalton Transactions</i> , 2008, , 6103.	1.6	24
42	Reversible hydrogen gas uptake in nanoporous Prussian Blue analogues. <i>Chemical Communications</i> , 2005, , 3322.	2.2	155
43	ETS-10 as a photocatalyst. <i>International Journal of Photoenergy</i> , 2003, 5, 131-140.	1.4	31
44	Spectroscopic Studies of Disorder in the Microporous Titanosilicate ETS-10. <i>Chemistry of Materials</i> , 2002, 14, 4209-4218.	3.2	70
45	Formation and Characterization of an Aqueous Zirconium Hydroxide Colloid. <i>Chemistry of Materials</i> , 2002, 14, 4313-4319.	3.2	81