Felipe Gndara

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.

79 papers	11,498 citations	43 h-index	92 g-index
92 ext. papers	13,279 ext. citations	10.7 avg, IF	6.34 L-index

#	Paper	IF	Citations
79	Clip-off Chemistry: Synthesis by Programmed Disassembly of Reticular Materials*. *Angewandte Chemie - International Edition*, **2021**,	16.4	1
78	A three-shell supramolecular complex enables the symmetry-mismatched chemo- and regioselective bis-functionalization of C. *Nature Chemistry*, **2021**, 13, 420-427	17.6	19
77	Heterogeneous catalysts with programmable topologies generated by reticulation of organocatalysts into metal-organic frameworks: The case of squaramide. *Nano Research*, **2021**, 14, 458-465	10	4
76	Highly efficient multi-metal catalysts for carbon dioxide reduction prepared from atomically sequenced metal organic frameworks. *Nano Research*, **2021**, 14, 493-500	10	4
75	Synthesis of Polycarboxylate Rhodium(II) Metal-Organic Polyhedra (MOPs) and their use as Building Blocks for Highly Connected Metal-Organic Frameworks (MOFs). *Angewandte Chemie - International Edition*, **2021**, 60, 5729-5733	16.4	24
74	Synthesis of Polycarboxylate Rhodium(II) Metal?Organic Polyhedra (MOPs) and their use as Building Blocks for Highly Connected Metal?Organic Frameworks (MOFs). *Angewandte Chemie*, **2021**, 133, 5793-5797	3.6	2
73	oral insulin delivery covalent organic frameworks. *Chemical Science*, **2021**, 12, 6037-6047	9.4	9
72	Taming the Topology of Calix[4]arene-Based 2D-Covalent Organic Frameworks: Interpenetrated vs Noninterpenetrated Frameworks and Their Selective Removal of Cationic Dyes. *Journal of the American Chemical Society*, **2021**, 143, 3407-3415	16.4	19
71	Structural Diversity of Lanthanide Chain Compounds Based on 3-Ethoxycinnamate: Influence on the Magnetic Properties. *Crystal Growth and Design*, **2021**, 21, 5072-5085	3.5	
70	Metallated Isoindigo-Porphyrin Covalent Organic Framework Photocatalyst with a Narrow Band Gap for Efficient CO Conversion.. *ACS Applied Materials & Interfaces*, **2021**,	9.5	7
69	Fundamental Insights into Photoelectrocatalytic Hydrogen Production with a Hole-Transport Bismuth Metal-Organic Framework. *Journal of the American Chemical Society*, **2020**, 142, 318-326	16.4	34
68	Covalent Organic Framework Embedded with Magnetic Nanoparticles for MRI and Chemo-Thermotherapy. *Journal of the American Chemical Society*, **2020**, 142, 18782-18794	16.4	37
67	A polyrotaxanated covalent organic network based on viologen and cucurbit[7]uril. *Communications Chemistry*, **2019**, 2,	6.3	14
66	Redox-Triggered Buoyancy and Size Modulation of a Dynamic Covalent Gel. *Chemistry of Materials*, **2019**, 31, 4148-4155	9.6	6
65	Anionic and neutral 2D indium metal-organic frameworks as catalysts for the Ugi one-pot multicomponent reaction. *Dalton Transactions*, **2019**, 48, 2988-2995	4.3	9
64	Remarkably efficient removal of toxic bromate from drinking water with a porphyrin-viologen covalent organic framework. *Chemical Science*, **2019**, 11, 845-850	9.4	27
63	Encoding Metal-Cation Arrangements in Metal-Organic Frameworks for Programming the Composition of Electrocatalytically Active Multimetal Oxides. *Journal of the American Chemical Society*, **2019**, 141, 1766-1774	16.4	22

62	Single-Crystal-to-Single-Crystal Postsynthetic Modification of a Metal-Organic Framework via Ozonolysis. *Journal of the American Chemical Society*, **2018**, 140, 2028-2031	16.4	38
61	New Metal-Organic Frameworks for Chemical Fixation of CO. *ACS Applied Materials & Interfaces*, **2018**, 10, 733-744	9.5	127
60	Hierarchically Porous Carbon Photonic Structures. *Advanced Functional Materials*, **2018**, 28, 1703885	15.6	8
59	Metal-organic Frameworks Incorporating Multiple Metal Elements. *Israel Journal of Chemistry*, **2018**, 58, 1036-1043	3.4	17
58	Purification of Uranium-based Endohedral Metallofullerenes (EMFs) by Selective Supramolecular Encapsulation and Release. *Angewandte Chemie - International Edition*, **2018**, 57, 11294-11299	16.4	45
57	A Series of Metal-Organic Frameworks for Selective CO Capture and Catalytic Oxidative Carboxylation of Olefins. *Inorganic Chemistry*, **2018**, 57, 13772-13782	5.1	49
56	Synthesis, structure and magnetic investigations of dinuclear lanthanide complexes based on 2-ethoxycinnamate. *Dalton Transactions*, **2018**, 47, 13647-13656	4.3	5
55	Covalent organic nanosheets for bioimaging. *Chemical Science*, **2018**, 9, 8382-8387	9.4	50
54	Viologen-Based Conjugated Covalent Organic Networks via Zincke Reaction. *Journal of the American Chemical Society*, **2017**, 139, 9558-9565	16.4	140
53	Group 13th metal-organic frameworks and their role in heterogeneous catalysis. *Coordination Chemistry Reviews*, **2017**, 335, 1-27	23.2	69
52	A Synthetic Route for Crystals of Woven Structures, Uniform Nanocrystals, and Thin Films of Imine Covalent Organic Frameworks. *Journal of the American Chemical Society*, **2017**, 139, 13166-13172	16.4	131
51	Sensing properties, energy transfer mechanism and tuneable particle size processing of luminescent two-dimensional rare earth coordination networks. *Journal of Materials Chemistry C*, **2017**, 5, 12409-12421	7.1	12
50	Addressed realization of multication complex arrangements in metal-organic frameworks. *Science Advances*, **2017**, 3, e1700773	14.3	32
49	Angstrom-Resolved Metal-Organic Framework-Liquid Interfaces. *Scientific Reports*, **2017**, 7, 11088	4.9	7
48	A Mesoporous Indium Metal-Organic Framework: Remarkable Advances in Catalytic Activity for Strecker Reaction of Ketones. *Journal of the American Chemical Society*, **2016**, 138, 9089-92	16.4	85
47	Weaving of organic threads into a crystalline covalent organic framework. *Science*, **2016**, 351, 365-9	33.3	307
46	Crystal phase competition by addition of a second metal cation in solid solution metal-organic frameworks. *Dalton Transactions*, **2016**, 45, 4327-37	4.3	9
45	A Titanium-Organic Framework as an Exemplar of Combining the Chemistry of Metal- and Covalent-Organic Frameworks. *Journal of the American Chemical Society*, **2016**, 138, 4330-3	16.4	196

44	Heterogeneity of functional groups in a metal-organic framework displays magic number ratios. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 5591-6	11.5	32
43	Tunable catalytic activity of solid solution metal-organic frameworks in one-pot multicomponent reactions. *Journal of the American Chemical Society*, **2015**, 137, 6132-5	16.4	122
42	Three-Dimensional Metal-Catecholate Frameworks and Their Ultrahigh Proton Conductivity. *Journal of the American Chemical Society*, **2015**, 137, 15394-7	16.4	216
41	Chemistry of Covalent Organic Frameworks. *Accounts of Chemical Research*, **2015**, 48, 3053-63	24.3	964
40	Definitive molecular level characterization of defects in UiO-66 crystals. *Angewandte Chemie - International Edition*, **2015**, 54, 11162-7	16.4	267
39	2D-cadmium MOF and gismondine-like zinc coordination network based on the N-(2-tetrazolethyl)-4?-glycine linker. *New Journal of Chemistry*, **2015**, 39, 3982-3986	3.6	2
38	High methane storage capacity in aluminum metal-organic frameworks. *Journal of the American Chemical Society*, **2014**, 136, 5271-4	16.4	349
37	Superacidity in sulfated metal-organic framework-808. *Journal of the American Chemical Society*, **2014**, 136, 12844-7	16.4	350
36	Selective capture of carbon dioxide under humid conditions by hydrophobic chabazite-type zeolitic imidazolate frameworks. *Angewandte Chemie - International Edition*, **2014**, 53, 10645-8	16.4	196
35	Synthesis and characterization of metal-organic framework-74 containing 2, 4, 6, 8, and 10 different metals. *Inorganic Chemistry*, **2014**, 53, 5881-3	5.1	303
34	Metal-organic frameworks with precisely designed interior for carbon dioxide capture in the presence of water. *Journal of the American Chemical Society*, **2014**, 136, 8863-6	16.4	317
33	Crystallography of metal-organic frameworks. *IUCrJ*, **2014**, 1, 563-70	4.7	46
32	Selective Capture of Carbon Dioxide under Humid Conditions by Hydrophobic Chabazite-Type Zeolitic Imidazolate Frameworks. *Angewandte Chemie*, **2014**, 126, 10821-10824	3.6	40
31	Realization of a three-dimensional spin-anisotropic harmonic honeycomb iridate. *Nature Communications*, **2014**, 5, 4203	17.4	197
30	Synthesis and characterization of the platinum-substituted Keggin anion □H2SiPtW11O40(4-). *Inorganic Chemistry*, **2014**, 53, 13239-46	5.1	15
29	R□ktitelbild: Selective Capture of Carbon Dioxide under Humid Conditions by Hydrophobic Chabazite-Type Zeolitic Imidazolate Frameworks (Angew. Chem. 40/2014). *Angewandte Chemie*, **2014**, 126, 11004-11004	3.6	
28	Water adsorption in porous metal-organic frameworks and related materials. *Journal of the American Chemical Society*, **2014**, 136, 4369-81	16.4	1433
27	Crystalline fibers of metal-peptide double ladders. *Inorganic Chemistry*, **2013**, 52, 13818-20	5.1	8

26	Single-crystal structure of a covalent organic framework. *Journal of the American Chemical Society*, **2013**, 135, 16336-9	16.4	277
25	Metal-organic frameworks incorporating copper-complexed rotaxanes. *Angewandte Chemie - International Edition*, **2012**, 51, 2160-3	16.4	92
24	Stable organic radical stacked by in situ coordination to rare earth cations in MOF materials. *RSC Advances*, **2012**, 2, 949-955	3.7	29
23	Synthesis, structure, and metalation of two new highly porous zirconium metal-organic frameworks. *Inorganic Chemistry*, **2012**, 51, 6443-5	5.1	629
22	New Porous Crystals of Extended Metal-Catecholates. *Chemistry of Materials*, **2012**, 24, 3511-3513	9.6	423
21	Large-pore apertures in a series of metal-organic frameworks. *Science*, **2012**, 336, 1018-23	33.3	1425
20	Metal□Organic Frameworks Incorporating Copper-Complexed Rotaxanes. *Angewandte Chemie*, **2012**, 124, 2202-2205	3.6	21
19	Porous, conductive metal-triazolates and their structural elucidation by the charge-flipping method. *Chemistry - A European Journal*, **2012**, 18, 10595-601	4.8	172
18	Covalent Organic Frameworks with High Charge Carrier Mobility. *Chemistry of Materials*, **2011**, 23, 4094-4097	9.6	524
17	Lanthanide, Y and Sc MOFs: where amazing crystal structures meet outstanding material properties. *CrystEngComm*, **2011**, 13, 5031	3.3	34
16	Metal-organic frameworks of vanadium as catalysts for conversion of methane to acetic acid. *Inorganic Chemistry*, **2011**, 50, 7388-90	5.1	129
15	In situ transformation of TON silica zeolite into the less dense ITW: structure-direction overcoming framework instability in the synthesis of SiO2 zeolites. *Journal of the American Chemical Society*, **2010**, 132, 3461-71	16.4	45
14	Isolated Hexanuclear Hydroxo Lanthanide Secondary Building Units in a Rare-Earth Polymeric Framework Based on p-Sulfonatocalix[4]arene. *Crystal Growth and Design*, **2010**, 10, 128-134	3.5	57
13	Ligand dependent topology changes in six zinc coordination polymers. *CrystEngComm*, **2010**, 12, 711-719	3.3	32
12	Reversible breaking and forming of metal-ligand coordination bonds: temperature-triggered single-crystal to single-crystal transformation in a metal-organic framework. *Chemistry - A European Journal*, **2009**, 15, 4896-905	4.8	107
11	A new scandium metal organic framework built up from octadecasil zeolitic cages as heterogeneous catalyst. *Chemical Communications*, **2009**, 2393-5	5.8	58
10	Controlling the Structure of Arenedisulfonates toward Catalytically Active Materials. *Chemistry of Materials*, **2009**, 21, 655-661	9.6	134
9	Three lanthanum MOF polymorphs: insights into kinetically and thermodynamically controlled phases. *Inorganic Chemistry*, **2009**, 48, 4707-13	5.1	53

8	Two-dimensional hybrid germanium zeotype formed by selective coordination of the trans-1,2-diaminocyclohexane isomer to the ge atom: heterogeneous acid-base bifunctional catalyst. *Inorganic Chemistry*, **2008**, 47, 6791-5	5.1	22
7	A Rare-Earth MOF Series: Fascinating Structure, Efficient Light Emitters, and Promising Catalysts. *Crystal Growth and Design*, **2008**, 8, 378-380	3.5	140
6	An Indium Layered MOF as Recyclable Lewis Acid Catalyst. *Chemistry of Materials*, **2008**, 20, 72-76	9.6	170
5	Rare earth arenedisulfonate metal-organic frameworks: an approach toward polyhedral diversity and variety of functional compounds. *Inorganic Chemistry*, **2007**, 46, 3475-84	5.1	130
4	Layered rare-earth hydroxides: a class of pillared crystalline compounds for intercalation chemistry. *Angewandte Chemie - International Edition*, **2006**, 45, 7998-8001	16.4	178
3	Layered Rare-Earth Hydroxides: A Class of Pillared Crystalline Compounds for Intercalation Chemistry. *Angewandte Chemie*, **2006**, 118, 8166-8169	3.6	17
2	Bottle-around-a-ship confinement of high loadings of Acridine Orange in new aluminophosphate crystalline materials. *Journal of Materials Chemistry*, **2006**, 16, 1765-1771		5
1	2D and 3D supramolecular structures via hydrogen bonds and pi-stacking interactions in arylsulfonates of nickel and cobalt. *Inorganic Chemistry*, **2006**, 45, 9680-7	5.1	49