Fernando J Uribe-Romo

List of Publications by Year
in descending order

37 papers	13,152 citations	279487 23 h-index	344852 36 g-index
40 all docs	40 docs citations	40 times ranked	14558 citing authors

#	Article	IF	Citations
1	Steric and Electronic Effects on the Interaction of Xe and Kr with Functionalized Zirconia Metalâ€“Organic Frameworks. , 2021, 3, 504-510.		8
2	A Combined Mechanochemical and Calcination Route to Mixed Cobalt Oxides for the Selective Catalytic Reduction of Nitrophenols. Molecules, 2020, 25, 89.	1.7	12
3	Multiple rotational rates in a guest-loaded, amphidynamic zirconia metalâ€“organic framework. Chemical Science, 2020, 11, 11579-11583.	3.7	14
4	J-dimer emission in interwoven metalâ€“organic frameworks. Chemical Science, 2020, 11, 4391-4396.	3.7	11
5	Solid State Multicolor Emission in Substitutional Solid Solutions of Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2019, 141, 11298-11303.	6.6	79
6	Design and development of ring-on-ring jig for biaxial strength testing of brittle ceramic composite materials: ZrB₂-30wt-%SiB₆. Advances in Applied Ceramics, 2019, 118, 159-168.	0.6	7
7	A Solid-Solution Approach for Redox Active Metalâ€“Organic Frameworks with Tunable Redox Conductivity. Journal of the American Chemical Society, 2019, 141, 19978-19982.	6.6	43
8	Predicting anisotropic thermal displacements for hydrogens from solid-state NMR: a study on hydrogen bonding in polymorphs of palmitic acid. Physical Chemistry Chemical Physics, 2018, 20, 8475-8487.	1.3	18
9	Modular Design of Fluorescent Dibenzo- and Naphtho-Fluoranthenes: Structural Rearrangements and Electronic Properties. Journal of Organic Chemistry, 2018, 83, 8036-8053.	1.7	13
10	Frameworkvs.side-chain amphidynamic behaviour in oligo-(ethylene oxide) functionalised covalent-organic frameworks. Chemical Communications, 2018, 54, 6947-6950.	2.2	29
11	Structureâ€“property relationships in titanium-based metalâ€“organic frameworks for the photocatalytic reduction of carbon dioxide. Acta Crystallographica Section A: Foundations and Advances, 2018, 74, a319-a319.	0.0	0
12	Systematic isoreticular expansion of titanium metalâ€“organic frameworks. Acta Crystallographica Section A: Foundations and Advances, 2018, 74, a366-a366.	0.0	0
13	Thermal and Acoustic Performance of Al₂O₃, MgOâ€“ZrO₂, and SiC Porous Media in a Flow-Stabilized Heterogeneous Combustor. Energy & Fuels, 2017, 31, 7552-7561.	2.5	11
14	Systematic variation of the optical bandgap in titanium based isoreticular metalâ€“organic frameworks for photocatalytic reduction of CO₂ under blue light. Journal of Materials Chemistry A, 2017, 5, 11854-11863.	5.2	102
15	Effect of catalytically active Ce 0.8 Gd 0.2 O 1.9 coating on the heterogeneous combustion of methane within MgO stabilized ZrO 2 porous ceramics. Combustion and Flame, 2017, 180, 32-39.	2.8	12
16	Ultrafast rotation in an amphidynamic crystalline metal organic framework. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 13613-13618.	3.3	74
17	Structural Stability of N-Alkyl-Functionalized Titanium Metalâ€“Organic Frameworks in Aqueous and Humid Environments. ACS Applied Materials & Interfaces, 2017, 9, 44529-44533.	4.0	33
18	Alkyne Benzannulation Reactions for the Synthesis of Novel Aromatic Architectures. Accounts of Chemical Research, 2017, 50, 2776-2788.	7.6	111

#	Article	IF	Citations
19	Ambipolar Transport in Solution-Synthesized Graphene Nanoribbons. ACS Nano, 2016, 10, 4847-4856.	7.3	52
20	Solid-state NMR and DFT predictions of differences in COOH hydrogen bonding in odd and even numbered n-alkyl fatty acids. Physical Chemistry Chemical Physics, 2016, 18, 12541-12549.	1.3	24
21	Heterogeneous photoredox synthesis of N-hydroxy-oxazolidinones catalysed by metalâ€“organic frameworks. Catalysis Science and Technology, 2016, 6, 5647-5655.	2.1	15
22	Mechanically Shaped Two-Dimensional Covalent Organic Frameworks Reveal Crystallographic Alignment and Fast Li-Ion Conductivity. Journal of the American Chemical Society, 2016, 138, 9767-9770.	6.6	227
23	Synthesis and Characterization of the Platinum-Substituted Keggin Anion Î±-H₂SiPtW₁₁O₄₀^{4â€“}. Inorganic Chemistry, 2014, 53, 13239-13246.	1.9	18
24	Accessing extended and partially fused hexabenzocoronenes using a benzannulationâ€“cyclodehydrogenation approach. Chemical Science, 2013, 4, 3973.	3.7	75
25	Polymers stripped down. Nature Chemistry, 2012, 4, 244-245.	6.6	15
26	Oriented Polythiophene Nanofibers Grown from CdTe Quantum Dot Surfaces. Small, 2012, 8, 1191-1196.	5.2	6
27	Lattice Expansion of Highly Oriented 2D Phthalocyanine Covalent Organic Framework Films. Angewandte Chemie - International Edition, 2012, 51, 2623-2627.	7.2	250
28	Porous, Conductive Metalâ€Triazolates and Their Structural Elucidation by the Chargeâ€Flipping Method. Chemistry - A European Journal, 2012, 18, 10595-10601.	1.7	227
29	A 2D Covalent Organic Framework with 4.7-nm Pores and Insight into Its Interlayer Stacking. Journal of the American Chemical Society, 2011, 133, 19416-19421.	6.6	307
30	Crystalline Covalent Organic Frameworks with Hydrazone Linkages. Journal of the American Chemical Society, 2011, 133, 11478-11481.	6.6	731
31	Isoreticular Expansion of Metalâ€“Organic Frameworks with Triangular and Square Building Units and the Lowest Calculated Density for Porous Crystals. Inorganic Chemistry, 2011, 50, 9147-9152.	1.9	322
32	Synthesis, Structure, and Carbon Dioxide Capture Properties of Zeolitic Imidazolate Frameworks. Accounts of Chemical Research, 2010, 43, 58-67.	7.6	2,268
33	Metal Insertion in a Microporous Metalâ^'Organic Framework Lined with 2,2â€²-Bipyridine. Journal of the American Chemical Society, 2010, 132, 14382-14384.	6.6	514
34	Ring-Opening Reactions within Porous Metalâ^'Organic Frameworks. Inorganic Chemistry, 2010, 49, 6387-6389.	1.9	115
35	A Crystalline Imine-Linked 3-D Porous Covalent Organic Framework. Journal of the American Chemical Society, 2009, 131, 4570-4571.	6.6	1,299
36	Exceptional chemical and thermal stability of zeolitic imidazolate frameworks. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 10186-10191.	3.3	5,906

#	Article	IF	Citations
37	Polymer-Induced Heteronucleation for the Discovery of New Extended Solids. Angewandte Chemie - International Edition, 2006, 45, 2553-2556.	7.2	139