

Natalia M Padiá

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/510637/publications.pdf>

Version: 2024-02-01

40
papers

1,607
citations

361413

20
h-index

289244

40
g-index

50
all docs

50
docs citations

50
times ranked

2310
citing authors

#	ARTICLE	IF	CITATIONS
1	Zirconium Metal-Organic Polyhedra with Dual Behavior for Organophosphate Poisoning Treatment. ACS Applied Materials & Interfaces, 2022, 14, 26501-26506.	8.0	9
2	Selective Implantation of Diamines for Cooperative Catalysis in Isoreticular Heterometallic Titanium-Organic Frameworks. Angewandte Chemie - International Edition, 2021, 60, 11868-11873.	13.8	20
3	Innentitelbild: Selective Implantation of Diamines for Cooperative Catalysis in Isoreticular Heterometallic Titanium-Organic Frameworks (Angew. Chem. 21/2021). Angewandte Chemie, 2021, 133, 11638-11638.	2.0	0
4	Selective Implantation of Diamines for Cooperative Catalysis in Isoreticular Heterometallic Titanium-Organic Frameworks. Angewandte Chemie, 2021, 133, 11975-11980.	2.0	1
5	Impact of Pore Size and Defects on the Selective Adsorption of Acetylene in Alkyne-Functionalized Nickel(II)-Pyrazolate-Based MOFs. Chemistry - A European Journal, 2021, 27, 11837-11844.	3.3	10
6	Unlocking mixed oxides with unprecedented stoichiometries from heterometallic metal-organic frameworks for the catalytic hydrogenation of CO ₂ . Chem Catalysis, 2021, 1, 364-382.	6.1	18
7	Mild and Chemoselective Phosphorylation of Alcohols Using a \hat{I}^+ -Reagent. Organic Letters, 2021, 23, 9337-9342.	4.6	13
8	A P(V) platform for oligonucleotide synthesis. Science, 2021, 373, 1265-1270.	12.6	38
9	Effect of Linker Distribution in the Photocatalytic Activity of Multivariate Mesoporous Crystals. Journal of the American Chemical Society, 2021, 143, 1798-1806.	13.7	45
10	Dual removal and selective recovery of phosphate and an organophosphorus pesticide from water by a Zr-based metal-organic framework. Materials Today Chemistry, 2021, 22, 100596.	3.5	9
11	Permanent Porosity in Hydroxamate Titanium-Organic Polyhedra. Journal of the American Chemical Society, 2021, 143, 21195-21199.	13.7	9
12	Heterometallic Titanium-Organic Frameworks as Dual-Metal Catalysts for Synergistic Non-buffered Hydrolysis of Nerve Agent Simulants. Chem, 2020, 6, 3118-3131.	11.7	37
13	Serine-Selective Bioconjugation. Journal of the American Chemical Society, 2020, 142, 17236-17242.	13.7	58
14	Heterometallic Titanium-Organic Frameworks by Metal-Induced Dynamic Topological Transformations. Journal of the American Chemical Society, 2020, 142, 6638-6648.	13.7	40
15	Enantiodivergent Formation of C-P Bonds: Synthesis of P-Chiral Phosphines and Methylphosphonate Oligonucleotides. Journal of the American Chemical Society, 2020, 142, 5785-5792.	13.7	56
16	Hydroxamate Titanium-Organic Frameworks and the Effect of Siderophore-Type Linkers over Their Photocatalytic Activity. Journal of the American Chemical Society, 2019, 141, 13124-13133.	13.7	73
17	Direct Visualization of Pyrrole Reactivity upon Confinement within a Cyclodextrin Metal-Organic Framework. Angewandte Chemie, 2019, 131, 9277-9281.	2.0	5
18	Direct Visualization of Pyrrole Reactivity upon Confinement within a Cyclodextrin Metal-Organic Framework. Angewandte Chemie - International Edition, 2019, 58, 9179-9183.	13.8	16

#	ARTICLE	IF	CITATIONS
19	<i>De novo</i> synthesis of mesoporous photoactive titanium(IV)-organic frameworks with MIL-100 topology. <i>Chemical Science</i> , 2019, 10, 4313-4321.	7.4	72
20	A Radical Approach to Anionic Chemistry: Synthesis of Ketones, Alcohols, and Amines. <i>Journal of the American Chemical Society</i> , 2019, 141, 6726-6739.	13.7	148
21	Stereoselective Synthesis of Natural Products Promoted by Titanocene(III). <i>Studies in Natural Products Chemistry</i> , 2018, 55, 31-71.	1.8	2
22	Prussian Blue@MoS ₂ Layer Composites as Highly Efficient Cathodes for Sodium- and Potassium-Ion Batteries. <i>Advanced Functional Materials</i> , 2018, 28, 1706125.	14.9	88
23	CpTiCl ₂ , an Improved Titanocene(III) Catalyst in Organic Synthesis. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 5997-6001.	2.4	8
24	Surface Functionalization of Metal-Organic Frameworks for Improved Moisture Resistance. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	2
25	Structural reorganization in a hydrogen-bonded organic framework. <i>New Journal of Chemistry</i> , 2018, 42, 16138-16143.	2.8	5
26	Chemical Engineering of Photoactivity in Heterometallic Titanium-Organic Frameworks by Metal Doping. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8453-8457.	13.8	72
27	Chemical Engineering of Photoactivity in Heterometallic Titanium-Organic Frameworks by Metal Doping. <i>Angewandte Chemie</i> , 2018, 130, 8589-8593.	2.0	9
28	Surface Functionalization of Metal-Organic Framework Crystals with Catechol Coatings for Enhanced Moisture Tolerance. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 44641-44648.	8.0	33
29	Chemical Warfare Agents Detoxification Properties of Zirconium Metal-Organic Frameworks by Synergistic Incorporation of Nucleophilic and Basic Sites. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 23967-23973.	8.0	100
30	Ti-Catalyzed Synthesis of Exocyclic Allenes on Oxygen Heterocycles. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 639-645.	2.4	5
31	Diastereoselective Synthesis of (±)-Ambrox by Titanium(III)-Catalyzed Radical Tandem Cyclization. <i>Synlett</i> , 2016, 27, 369-374.	1.8	12
32	Synthesis of (±)-Aureol by Bioinspired Rearrangements. <i>Journal of Organic Chemistry</i> , 2015, 80, 1866-1870.	3.2	42
33	The Nugent Reagent: A Formidable Tool in Contemporary Radical and Organometallic Chemistry. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4567-4591.	2.4	74
34	Selective Reduction of Aromatic Ketones in Aqueous Medium Mediated by Ti(III)/Mn: A Revised Mechanism. <i>Journal of Organic Chemistry</i> , 2014, 79, 7672-7676.	3.2	20
35	Ti-Catalyzed Straightforward Synthesis of Exocyclic Allenes. <i>Chemistry - A European Journal</i> , 2014, 20, 801-810.	3.3	38
36	A highly porous interpenetrated MOF-5-type network based on bipyrazolate linkers. <i>CrystEngComm</i> , 2013, 15, 9352.	2.6	9

#	ARTICLE	IF	CITATIONS
37	Highly Hydrophobic Isoreticular Porous Metal-Organic Frameworks for the Capture of Harmful Volatile Organic Compounds. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8290-8294.	13.8	264
38	Study of the incorporation and release of the non-conventional half-sandwich ruthenium(ii) metallodrug RAPTA-C on a robust MOF. <i>Chemical Communications</i> , 2011, 47, 11751.	4.1	51
39	Hydrogen Atom Donors: Recent Developments. <i>Topics in Current Chemistry</i> , 2011, 320, 93-120.	4.0	33
40	Heterometallic Titanium-Organic Frameworks as Dual Metal Catalysts for Synergistic Non-Buffered Hydrolysis of Nerve Agent Simulants. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2