Francisco de Azambuja

List of Publications by Year
in descending order

34 papers	1,713 citations	394421 19 h-index	395702 33 g-index
44 all docs	44 docs citations	44 times ranked	1754 citing authors

#	Article	IF	Citations
1	Which factors govern the adsorption of peptides to Zr(<scp>iv</scp>)-based metalâ€“organic frameworks?. Materials Advances, 2022, 3, 2475-2487.	5.4	7
2	Zirconium oxo clusters as discrete molecular catalysts for the direct amide bond formation. Catalysis Science and Technology, 2022, 12, 3190-3201.	4.1	11
3	Homogeneous Metal Catalysts with Inorganic Ligands: Probing Ligand Effects in Lewis Acid Catalyzed Direct Amide Bond Formation. ACS Catalysis, 2021, 11, 271-277.	11.2	19
4	Expanding the reactivity of inorganic clusters towards proteins: the interplay between the redox and hydrolytic activity of Ce(<scp>iv</scp>)-substituted polyoxometalates as artificial proteases. Chemical Science, 2021, 12, 10655-10663.	7.4	11
5	The Dawn of Metal-Oxo Clusters as Artificial Proteases: From Discovery to the Present and Beyond. Accounts of Chemical Research, 2021, 54, 1673-1684.	15.6	48
6	En Route to a Heterogeneous Catalytic Direct Peptide Bond Formation by Zr-Based Metalâ€“Organic Framework Catalysts. ACS Catalysis, 2021, 11, 7647-7658.	11.2	31
7	The forgotten chemistry of group(IV) metals: A survey on the synthesis, structure, and properties of discrete Zr(IV), Hf(IV), and Ti(IV) oxo clusters. Coordination Chemistry Reviews, 2021, 438, 213886.	18.8	40
8	Heterogeneous nanozymatic activity of Hf oxo-clusters embedded in a metalâ€“organic framework towards peptide bond hydrolysis. Nanoscale, 2021, 13, 12298-12305.	5.6	8
9	Kinetic and Interaction Studies of Adenosine-5â€²-Triphosphate (ATP) Hydrolysis with Polyoxovanadates. Metals, 2021, 11, 1678.	2.3	3
10	Diflunisal Derivatives as Modulators of ACMS Decarboxylase Targeting the Tryptophanâ€“Kynurenine Pathway. Journal of Medicinal Chemistry, 2021, 64, 797-811.	6.4	4
11	Enhancing the Catalytic Activity of MOFâ€808 Towards Peptide Bond Hydrolysis through Synthetic Modulations. Chemistry - A European Journal, 2021, 27, 17230-17239.	3.3	16
12	Nanozymatic Activity of UiO-66 Metalâ€“Organic Frameworks: Tuning the Nanopore Environment Enhances Hydrolytic Activity toward Peptide Bonds. ACS Applied Nano Materials, 2020, 3, 8931-8938.	5.0	42
13	Redox Activity of Ce(IV)-Substituted Polyoxometalates toward Amino Acids and Peptides. Inorganic Chemistry, 2020, 59, 10569-10577.	4.0	19
14	Discrete Hf₁₈ Metalâ€oxo Cluster as a Heterogeneous Nanozyme for Siteâ€Specific Proteolysis. Angewandte Chemie - International Edition, 2020, 59, 9094-9101.	13.8	31
15	Discrete Hf 18 Metalâ€oxo Cluster as a Heterogeneous Nanozyme for Siteâ€Specific Proteolysis. Angewandte Chemie, 2020, 132, 9179-9186.	2.0	7
16	Connecting remote Câ€“H bond functionalization and decarboxylative coupling using simple amines. Nature Chemistry, 2020, 12, 489-496.	13.6	41
17	Interplay between structural parameters and reactivity of Zr₆-based MOFs as artificial proteases. Chemical Science, 2020, 11, 6662-6669.	7.4	38
18	Water-Tolerant and Atom Economical Amide Bond Formation by Metal-Substituted Polyoxometalate Catalysts. ACS Catalysis, 2019, 9, 10245-10252.	11.2	49

#	Article	IF	Citations
19	Catalytic One-Step Deoxytrifluoromethylation of Alcohols. Journal of Organic Chemistry, 2019, 84, 2061-2071.	3.2	11
20	NFSI and Its Analogs Fluorination for Preparing Alkenyl Fluorides. , 2018, , 1-6.		1
21	SelectFluor and Its Analogs Fluorination for Preparing Alkenyl Fluorides. , 2018, , 1-8.		1
22	Revisiting the Intermolecular Fujiwara Hydroarylation of Alkynes. European Journal of Organic Chemistry, 2017, 2017, 1794-1803.	2.4	14
23	Noncovalent Substrateâ€Directed Enantioselective Heck Reactions: Synthesis of Sâ€•and Pâ€Stereogenic Heterocycles. Chemistry - A European Journal, 2016, 22, 11205-11209.	3.3	44
24	Co(III)-Catalyzed Câ€“H Activation/Formal S_N-Type Reactions: Selective and Efficient Cyanation, Halogenation, and Allylation. Journal of the American Chemical Society, 2014, 136, 17722-17725.	13.7	519
25	Î±â€MsO/TsO/Cl Ketones as Oxidized Alkyne Equivalents: Redoxâ€Neutral Rhodium(III)â€Catalyzed Cï£¿H Activation for the Synthesis of Nâ€Heterocycles. Angewandte Chemie - International Edition, 2014, 53, 2754-2758.	13.8	159
26	The Cï£¿H Activation/1,3â€Diyne Strategy: Highly Selective Direct Synthesis of Diverse Bisheterocycles by Rh^{III} Catalysis. Angewandte Chemie - International Edition, 2014, 53, 9650-9654.	13.8	170
27	Direct Functionalization with Complete and Switchable Positional Control: Free Phenol as a Role Model. Angewandte Chemie - International Edition, 2014, 53, 7710-7712.	13.8	55
28	O desafio da ativaÃ§Ã£o das ligaÃ§Ãµes C-H em sÃntese orgÃ¢nica. Quimica Nova, 2011, 34, 1779-1790.	0.3	1
29	The Heckâ€“Matsuda arylation of 2-hetero-substituted acrylates. Tetrahedron Letters, 2011, 52, 42-45.	1.4	16
30	Synthesis of beta-phenylchalcogeno-alpha, beta-unsaturated esters, ketones and nitriles using microwave and solvent-free conditions. Journal of the Brazilian Chemical Society, 2007, 18, 943-950.	0.6	24
31	Citronellal as key compound in organic synthesis. Tetrahedron, 2007, 63, 6671-6712.	1.9	119
32	Addition of chalcogenolate anions to terminal alkynes using microwave and solvent-free conditions: easy access to bis-organochalcogen alkenes. Tetrahedron Letters, 2006, 47, 935-938.	1.4	33
33	The first synthesis of Î²-phenylchalcogeno-Î±,Î²-unsaturated esters via hydrochalcogenation of acetylenes using microwave and solvent-free conditions. Tetrahedron Letters, 2005, 46, 1679-1682.	1.4	31
34	The First Synthesis of Î²-Phenylchalcogeno-Î±,Î²-Unsaturated Esters via Hydrochalcogenation of Acetylenes Using Microwave and Solvent-Free Conditions.. ChemInform, 2005, 36, no.	0.0	0