

# Alexander Fernández De La Torre

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

494  
citations

687363

13  
h-index

677142

22  
g-index

30  
all docs

30  
docs citations

30  
times ranked

666  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rationalizing the stability and interactions of 2,4-diamino-5-(4-chlorophenyl)-6-ethylpyrimidin-1-ium 2-hydroxy-3,5-dinitrobenzoate salt. <i>Journal of Molecular Structure</i> , 2019, 1193, 185-194.	3.6	60
2	Persistent prevalence of supramolecular architectures of novel ultrasonically synthesized hydrazones due to hydrogen bonding [X <sup>-</sup> H <sup>+</sup> O; X=N]: Experimental and density functional theory analyses. <i>Journal of Physics and Chemistry of Solids</i> , 2021, 148, 109679.	4.0	53
3	Highly Stereoselective Synthesis of Natural <sup>+</sup> Product <sup>-</sup> Like Hybrids by an Organocatalytic/Multicomponent Reaction Sequence. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7621-7625.	13.8	48
4	Polyethylene glycol (PEG) as a reusable solvent medium for an asymmetric organocatalytic Michael addition. Application to the synthesis of bioactive compounds. <i>Green Chemistry</i> , 2014, 16, 3169-3174.	9.0	44
5	Multicomponent Combinatorial Development and Conformational Analysis of Prolyl Peptide <sup>-</sup> Peptoid Hybrid Catalysts: Application in the Direct Asymmetric Michael Addition. <i>Journal of Organic Chemistry</i> , 2013, 78, 10221-10232.	3.2	40
6	Facile Synthesis, Spectral (IR, Mass, UV <sup>-</sup> Vis, NMR), Linear and Nonlinear Investigation of the Novel Phosphonate Compounds: A Combined Experimental and Simulation Study. <i>ChemistrySelect</i> , 2020, 5, 2994-3006.	1.5	29
7	Basic-functionalized recyclable ionic liquid catalyst: A solvent-free approach for Michael addition of 1,3-dicarbonyl compounds to nitroalkenes under ultrasound irradiation. <i>Ultrasonics Sonochemistry</i> , 2013, 20, 793-798.	8.2	27
8	Multicomponent Approach to Silica <sup>-</sup> Grafted Peptide Catalysts: A 3 <sup>-</sup> %D Continuous <sup>-</sup> Flow Organocatalytic System with On <sup>-</sup> line Monitoring of Conversion and Stereoselectivity. <i>ChemCatChem</i> , 2014, 6, 3208-3214.	3.7	24
9	Multicomponent Synthesis of Cyclic Depsipeptide Mimics by Ugi Reaction Including Cyclic Hemiacetals Derived from Asymmetric Organocatalysis. <i>Journal of Organic Chemistry</i> , 2016, 81, 803-809.	3.2	24
10	Preparation of Renewable Bio-Polyols from Two Species of Colliguaja for Rigid Polyurethane Foams. <i>Materials</i> , 2018, 11, 2244.	2.9	17
11	Development of eco-friendly polyurethane foams based on <i>Lesquerella fendleri</i> (A. Grey) oil-based polyol. <i>European Polymer Journal</i> , 2020, 128, 109606.	5.4	17
12	A stereoselective sequential organocascade and multicomponent approach for the preparation of tetrahydropyridines and chimeric derivatives. <i>Chemical Communications</i> , 2019, 55, 286-289.	4.1	15
13	Spectroscopic and DFT/TDDFT insights of the novel phosphonate imine compounds. <i>Journal of Molecular Structure</i> , 2020, 1207, 127838.	3.6	15
14	Facile Synthesis of Diversely Functionalized Peptoids, Spectroscopic Characterization, and DFT-Based Nonlinear Optical Exploration. <i>ACS Omega</i> , 2021, 6, 26016-26025.	3.5	14
15	Structural Requirements of N-alpha-Mercaptoacetyl Dipeptide (NAMdP) Inhibitors of <i>Pseudomonas Aeruginosa</i> Virulence Factor LasB: 3D-QSAR, Molecular Docking, and Interaction Fingerprint Studies. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6133.	4.1	11
16	A study of the cis <sup>-</sup> trans isomerization preference of N-alkylated peptides containing phosphorus in the side chain and backbone. <i>New Journal of Chemistry</i> , 2019, 43, 12804-12813.	2.8	10
17	Synthesis, trypanocidal and anti-leishmania activity of new triazole-lapachol and nor-lapachol hybrids. <i>Bioorganic Chemistry</i> , 2020, 103, 104122.	4.1	10
18	One-pot organocatalytic/multicomponent approach for the preparation of novel enantioenriched non-natural selenium-based peptoids and peptide <sup>-</sup> peptoid conjugates. <i>Molecular Diversity</i> , 2020, 24, 1-10.	3.9	8

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19	Synthesis and Cytotoxic Analysis of Novel Myrtenyl Grafted Pseudo-Peptides Revealed Potential Candidates for Anticancer Therapy. <i>Molecules</i> , 2020, 25, 1911.	3.8	6
20	Valorization of food waste to produce intelligent nanofibrous Î²-chitin films. <i>International Journal of Biological Macromolecules</i> , 2021, 186, 92-99.	7.5	5
21	An efficient cyclization of lapachol to new benzo[ <i>h</i> ]chromene hybrid compounds: a stepwise vs. one-pot esterification-click (CuAAC) study. <i>New Journal of Chemistry</i> , 2018, 42, 19591-19599.	2.8	4
22	Ugi reaction-derived prolyl peptide catalysts grafted on the renewable polymer polyfurfuryl alcohol for applications in heterogeneous enamine catalysis. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 1210-1216.	2.2	4
23	Synthesis of <i>N</i> -alkylated lipopeptides and their application as organocatalysts in asymmetric Michael addition in aqueous environments. <i>New Journal of Chemistry</i> , 2021, 45, 14050-14057.	2.8	4
24	Direct access to tetrasubstituted cyclopentenyl scaffolds through a diastereoselective isocyanide-based multicomponent reaction. <i>Chemical Science</i> , 2021, 12, 15862-15869.	7.4	2
25	Synthesis of di <i>N</i> -Substituted Glycyl-Phenylalanine Derivatives by Using Ugi Four Component Reaction and Their Potential as Acetylcholinesterase Inhibitors. <i>Molecules</i> , 2019, 24, 189.	3.8	1
26	Novel 2- <i>Pyrazolin-5-one</i> Derivative through Unforeseen Orthoamide Intermediate: Mechanistic Insights on Isocyanide Based [4+1] Cycloaddition. <i>ChemistrySelect</i> , 2021, 6, 6690-6697.	1.5	1
27	Ugi and Passerini reactions enable the incorporation of Î²-AA into <i>N</i> -alkylated peptides and depsipeptides. <i>New Journal of Chemistry</i> , 0, , .	2.8	0