

Alexander Fernández De La Torre

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9463770/publications.pdf>

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 | Persistent prevalence of supramolecular architectures of novel ultrasonically synthesized hydrazones due to hydrogen bonding [X=O; X=N]: Experimental and density functional theory analyses. <i>Journal of Physics and Chemistry of Solids</i> , 2021, 148, 109679. | 4.0 | 53 |
| 2 | Synthesis of N-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 |
| 3 | Direct access to tetrasubstituted cyclopentenyl scaffolds through a diastereoselective isocyanide-based multicomponent reaction. <i>Chemical Science</i> , 2021, 12, 15862-15869. | 7.4 | 2 |
| 4 | Novel 2-Pyrazolin-5-one Derivative through Unforeseen Orthoamide Intermediate: Mechanistic Insights on Isocyanide Based [4+1] Cycloaddition. <i>ChemistrySelect</i> , 2021, 6, 6690-6697. | 1.5 | 1 |
| 5 | 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 |
| 6 | Valorization of food waste to produce intelligent nanofibrous β -chitin films. <i>International Journal of Biological Macromolecules</i> , 2021, 186, 92-99. | 7.5 | 5 |
| 7 | One-pot organocatalytic/multicomponent approach for the preparation of novel enantioenriched non-natural selenium-based peptoids and peptide-peptoid conjugates. <i>Molecular Diversity</i> , 2020, 24, 1-10. | 3.9 | 8 |
| 8 | Synthesis, trypanocidal and anti-leishmania activity of new triazole-lapachol and nor-lapachol hybrids. <i>Bioorganic Chemistry</i> , 2020, 103, 104122. | 4.1 | 10 |
| 9 | 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 |
| 10 | Facile Synthesis, Spectral (IR, Mass, UV-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 |
| 11 | Spectroscopic and DFT/TDDFT insights of the novel phosphonate imine compounds. <i>Journal of Molecular Structure</i> , 2020, 1207, 127838. | 3.6 | 15 |
| 12 | 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 |
| 13 | A study of the cis-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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | Synthesis of diN-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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | 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 |
| 20 | Preparation of Renewable Bio-Polyols from Two Species of Colliguaja for Rigid Polyurethane Foams. <i>Materials</i> , 2018, 11, 2244. | 2.9 | 17 |
| 21 | 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 |
| 22 | Highly Stereoselective Synthesis of Natural Product Like Hybrids by an Organocatalytic/Multicomponent Reaction Sequence. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7621-7625. | 13.8 | 48 |
| 23 | 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 |
| 24 | Multicomponent Approach to Silica Grafted Peptide Catalysts: A 3D Continuous Flow Organocatalytic System with Online Monitoring of Conversion and Stereoselectivity. <i>ChemCatChem</i> , 2014, 6, 3208-3214. | 3.7 | 24 |
| 25 | Multicomponent Combinatorial Development and Conformational Analysis of Prolyl Peptide Peptoid Hybrid Catalysts: Application in the Direct Asymmetric Michael Addition. <i>Journal of Organic Chemistry</i> , 2013, 78, 10221-10232. | 3.2 | 40 |
| 26 | 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 |
| 27 | Ugi and Passerini reactions enable the incorporation of β AA into N-alkylated peptides and depsipeptides. <i>New Journal of Chemistry</i> , 0, , . | 2.8 | 0 |