

Chiara Lambruschini

List of Publications by Year in descending order

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times ranked

837
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Stable and Size Tunable CsPbBr ₃ Nanocrystals Synthesized with Oleylphosphonic Acid. Nano Letters, 2020, 20, 8847-8853. | 9.1 | 92 |
| 2 | A Binding Site for Nonsteroidal Anti-inflammatory Drugs in Fatty Acid Amide Hydrolase. Journal of the American Chemical Society, 2013, 135, 22-25. | 13.7 | 51 |
| 3 | The 100 facets of the Passerini reaction. Chemical Science, 2021, 12, 15445-15472. | 7.4 | 41 |
| 4 | Synthesis of seven-membered nitrogen heterocycles through the Ugi multicomponent reaction. Chemistry of Heterocyclic Compounds, 2017, 53, 382-408. | 1.2 | 40 |
| 5 | Fluorine nuclear magnetic resonance-based assay in living mammalian cells. Analytical Biochemistry, 2016, 495, 52-59. | 2.4 | 31 |
| 6 | Biophysical and in Vivo Studies Identify a New Natural-Based Polyphenol, Counteracting A β ² Oligomerization in Vitro and A β ² Oligomer-Mediated Memory Impairment and Neuroinflammation in an Acute Mouse Model of Alzheimer's Disease. ACS Chemical Neuroscience, 2019, 10, 4462-4475. | 3.5 | 23 |
| 7 | Amphiphilic gold nanoparticles perturb phase separation in multidomain lipid membranes. Nanoscale, 2020, 12, 19746-19759. | 5.6 | 23 |
| 8 | Multicomponent, fragment-based synthesis of polyphenol-containing peptidomimetics and their inhibiting activity on beta-amyloid oligomerization. Organic and Biomolecular Chemistry, 2017, 15, 9331-9351. | 2.8 | 21 |
| 9 | Diastereoselectivity in Passerini Reactions of Chiral Aldehydes and in Ugi Reactions of Chiral Cyclic Imines. European Journal of Organic Chemistry, 2020, 2020, 3766-3778. | 2.4 | 20 |
| 10 | Non-disruptive uptake of anionic and cationic gold nanoparticles in neutral zwitterionic membranes. Scientific Reports, 2021, 11, 1256. | 3.3 | 20 |
| 11 | Development of Fragment-Based <i>in vivo</i> FABS NMR Screening Applied to the Membrane Enzyme FAAH. ChemBioChem, 2013, 14, 1611-1619. | 2.6 | 19 |
| 12 | Bicyclic Heterocycles from Levulinic Acid through a Fast and Operationally Simple Diversity-Oriented Multicomponent Approach. European Journal of Organic Chemistry, 2018, 2018, 5445-5455. | 2.4 | 17 |
| 13 | Into the Blue: Ketene Multicomponent Reactions under Visible Light. Journal of Organic Chemistry, 2021, 86, 5845-5851. | 3.2 | 16 |
| 14 | Synthesis, Photoisomerization, Antioxidant Activity, and Lipid-Lowering Effect of Ferulic Acid and Feruloyl Amides. Molecules, 2021, 26, 89. | 3.8 | 16 |
| 15 | Diversity-Oriented Synthesis of Various Enantiopure Heterocycles by Coupling Organocatalysis with Multicomponent Reactions. European Journal of Organic Chemistry, 2017, 2017, 6619-6628. | 2.4 | 15 |
| 16 | Zinc(II)-mediated diastereoselective Passerini reactions of biocatalytically desymmetrised renewable inputs. Organic Chemistry Frontiers, 2020, 7, 380-398. | 4.5 | 14 |
| 17 | Fluorine NMR-Based Screening on Cell Membrane Extracts. ChemMedChem, 2014, 9, 286-289. | 3.2 | 12 |
| 18 | Multicomponent Synthesis of Polyphenols and their in vitro Evaluation as Potential β -Amyloid Aggregation Inhibitors. Molecules, 2019, 24, 2636. | 3.8 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Stereodivergent access to all four stereoisomers of chiral tetrahydrobenzo[<i>f</i>][1,4]oxazepines, through highly diastereoselective multicomponent Ugi-Joullin reaction. <i>RSC Advances</i> , 2020, 10, 965-972. | 3.6 | 8 |
| 20 | In Silico Deconstruction of ATP-Competitive Inhibitors of Glycogen Synthase Kinase-3 β . <i>Journal of Chemical Information and Modeling</i> , 2012, 52, 3233-3244. | 5.4 | 7 |
| 21 | Thermogravimetry and evolved gas analysis for the investigation of ligand-exchange reaction in thiol-functionalized gold nanoparticles. <i>Journal of Analytical and Applied Pyrolysis</i> , 2018, 132, 11-18. | 5.5 | 6 |
| 22 | Integrating biocatalysis and multicomponent reactions. <i>Drug Discovery Today: Technologies</i> , 2018, 29, 3-9. | 4.0 | 6 |
| 23 | A Thorough Study on the Photoisomerization of Ferulic Acid Derivatives. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 1737-1749. | 2.4 | 6 |
| 24 | Ketene 3-Component Staudinger Reaction (K β CSR) to β -Lactams: A New Entry in the Class of Photoinduced Multicomponent Reactions. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 3270-3273. | 2.4 | 6 |
| 25 | Study and application of graphene oxide in the synthesis of 2,3-disubstituted quinolines via a Povarov multicomponent reaction and subsequent oxidation. <i>RSC Advances</i> , 2022, 12, 15834-15847. | 3.6 | 6 |
| 26 | Switching the Photochromic Activity of Acenaphthylene Derivatives through a Tandem Nucleophile-Promoted Addition Reaction. <i>Chemistry - A European Journal</i> , 2016, 22, 13831-13834. | 3.3 | 5 |
| 27 | Synthesis of Polyoxygenated Heterocycles by Diastereoselective Functionalization of a Bio-Based Chiral Aldehyde Exploiting the Passerini Reaction. <i>Molecules</i> , 2020, 25, 3227. | 3.8 | 5 |
| 28 | Stereoselective Synthesis of 3,5-Dihydropyrrolidin-2-ones Through a Photoinduced Multicomponent Reaction Followed by Dimerization. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5992-5997. | 2.4 | 3 |
| 29 | Enzymatically promoted release of organic molecules linked to magnetic nanoparticles. <i>Beilstein Journal of Nanotechnology</i> , 2018, 9, 986-999. | 2.8 | 2 |