

Alessandra Puglisi

List of Publications by Year in descending order

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70
papers

3,660
citations

186265

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133252

59
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101
all docs

101
docs citations

101
times ranked

3835
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Polymer-Supported Organic Catalysts. <i>Chemical Reviews</i> , 2003, 103, 3401-3430. | 47.7 | 743 |
| 2 | Flow Chemistry: Recent Developments in the Synthesis of Pharmaceutical Products. <i>Organic Process Research and Development</i> , 2016, 20, 2-25. | 2.7 | 674 |
| 3 | Poly(Ethylene Glycol)-Supported Proline: A Versatile Catalyst for the Enantioselective Aldol and Iminoaldol Reactions. <i>Advanced Synthesis and Catalysis</i> , 2002, 344, 533. | 4.3 | 193 |
| 4 | Stereoselective organic reactions promoted by immobilized chiral catalysts in continuous flow systems. <i>Green Chemistry</i> , 2013, 15, 1790. | 9.0 | 132 |
| 5 | Pebbles and PebbleJuggler: software for accurate, unbiased, and fast measurement and analysis of nanoparticle morphology from transmission electron microscopy (TEM) micrographs. <i>Nanoscale</i> , 2012, 4, 5356. | 5.6 | 130 |
| 6 | Poly(ethylene glycol)-Supported Chiral Imidazolidin-4-one: An Efficient Organic Catalyst for the Enantioselective Diels-Alder Cycloaddition. <i>Advanced Synthesis and Catalysis</i> , 2002, 344, 149. | 4.3 | 101 |
| 7 | Additive Manufacturing Technologies: 3D Printing in Organic Synthesis. <i>ChemCatChem</i> , 2018, 10, 1512-1525. | 3.7 | 90 |
| 8 | Enantioselective 1,3-Dipolar Cycloadditions of Unsaturated Aldehydes Promoted by A Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 2.4 | 78 |
| 9 | A chiral organocatalytic polymer-based monolithic reactor. <i>Green Chemistry</i> , 2014, 16, 2798. | 9.0 | 76 |
| 10 | Aerobic oxidation of alcohols to carbonyl compounds mediated by poly(ethylene glycol)-supported TEMPO radicals. <i>Tetrahedron</i> , 2005, 61, 12058-12064. | 1.9 | 73 |
| 11 | Stereoselective Catalytic Synthesis of Active Pharmaceutical Ingredients in Homemade 3D-Printed Mesoreactors. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4290-4294. | 13.8 | 72 |
| 12 | A multifunctional proline-based organic catalyst for enantioselective aldol reactions. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 2754-2760. | 1.8 | 64 |
| 13 | Monodisperse Octahedral \pm -MnS and MnO Nanoparticles by the Decomposition of Manganese Oleate in the Presence of Sulfur. <i>Chemistry of Materials</i> , 2010, 22, 2804-2813. | 6.7 | 62 |
| 14 | Enantioselective Synthesis of Cyclic Enol Ethers and All-Carbon Quaternary Stereogenic Centers Through Catalytic Asymmetric Ring-Closing Metathesis. <i>Journal of the American Chemical Society</i> , 2006, 128, 5153-5157. | 13.7 | 61 |
| 15 | Continuous-Flow Stereoselective Organocatalyzed Diels-Alder Reactions in a Chiral Catalytic α -Homemade-HPLC Column. <i>Organic Letters</i> , 2013, 15, 3590-3593. | 4.6 | 54 |
| 16 | Synthesis of Alpha-trifluoromethylthio Carbonyl Compounds: A Survey of the Methods for the Direct Introduction of the SCF ₃ Group on to Organic Molecules. <i>ChemCatChem</i> , 2018, 10, 2717-2733. | 3.7 | 52 |
| 17 | Solid Supported 9-Amino-9-deoxy-epi-quinine as Efficient Organocatalyst for Stereoselective Reactions in Batch and Under Continuous Flow Conditions. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 377-383. | 4.3 | 47 |
| 18 | Poly(ethylene-glycol)-supported proline: a recyclable aminocatalyst for the enantioselective synthesis of β -nitroketones by conjugate addition. <i>Journal of Molecular Catalysis A</i> , 2003, 204-205, 157-163. | 4.8 | 45 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Hybrid Inorganic–Organic Materials Carrying Tertiary Amine and Thiourea Residues Tethered on Mesoporous Silica Nanoparticles: Synthesis, Characterization, and Cooperative Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 219-229. | 4.3 | 44 |
| 20 | Towards the development of continuous, organocatalytic, and stereoselective reactions in deep eutectic solvents. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 2620-2626. | 2.2 | 44 |
| 21 | Enantiomerically pure phenanthroline or bipyridine containing macrocycles: a new class of ligands for asymmetric catalysis. <i>Tetrahedron Letters</i> , 2003, 44, 2947-2951. | 1.4 | 41 |
| 22 | Enantioselective catalytic addition of nitroesters to N-carboalkoxy imines: a route to quaternary stereocenters. <i>Tetrahedron Letters</i> , 2009, 50, 4340-4342. | 1.4 | 36 |
| 23 | Chiral Hybrid Inorganic–Organic Materials: Synthesis, Characterization, and Application in Stereoselective Organocatalytic Cycloadditions. <i>Journal of Organic Chemistry</i> , 2013, 78, 11326-11334. | 3.2 | 35 |
| 24 | Enantioselective Organocatalysis in Microreactors: Continuous Flow Synthesis of a (S)-Pregabalin Precursor and (S)-Warfarin. <i>Symmetry</i> , 2015, 7, 1395-1409. | 2.2 | 34 |
| 25 | Solid Supported Chiral <i>N</i> -Picolyimidazolidinones: Recyclable Catalysts for the Enantioselective, Metal- and Hydrogen-Free Reduction of Imines in Batch and in Flow Mode. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2375-2382. | 4.3 | 34 |
| 26 | Novel carbohydrate-based bifunctional organocatalysts for nucleophilic addition to nitroolefins and imines. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 3295. | 2.8 | 32 |
| 27 | Efficient and highly stereoselective synthesis of a β^2 -Lactam inhibitor of the serine protease prostate-specific antigen. <i>Bioorganic and Medicinal Chemistry</i> , 2002, 10, 1813-1818. | 3.0 | 31 |
| 28 | Comparison of Different Polymer- and Silica-Supported β -Amino- α -deoxy- ϵ -quinines as Recyclable Organocatalysts. <i>ChemCatChem</i> , 2015, 7, 1490-1499. | 3.7 | 30 |
| 29 | A Catalytic Reactor for the Organocatalyzed Enantioselective Continuous Flow Alkylation of Aldehydes. <i>ChemSusChem</i> , 2014, 7, 3534-3540. | 6.8 | 28 |
| 30 | Organocatalysis Chemistry in Flow. <i>Current Organocatalysis</i> , 2015, 2, 79-101. | 0.5 | 28 |
| 31 | Palladium-Catalyzed Synthesis of Nonsymmetrically Functionalized Bipyridines, Poly(bipyridines) and Terpyridines. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 1552-1558. | 2.4 | 27 |
| 32 | Stereoselective Diels–Alder Reactions Promoted under Continuous-Flow Conditions by Silica-Supported Chiral Organocatalysts. <i>Israel Journal of Chemistry</i> , 2014, 54, 381-394. | 2.3 | 27 |
| 33 | Stereoselective Catalytic Synthesis of Active Pharmaceutical Ingredients in Homemade 3D-Printed Mesoreactors. <i>Angewandte Chemie</i> , 2017, 129, 4354-4358. | 2.0 | 27 |
| 34 | Operationally Simple, Efficient, and Diastereoselective Synthesis of <i>cis</i> -2,6-Disubstituted-4-Methylene Tetrahydropyrans Catalyzed by Triflic Acid. <i>Organic Letters</i> , 2006, 8, 1871-1874. | 4.6 | 26 |
| 35 | Efficient Synthesis of an Enantiopure β^2 -Lactam as an Advanced Precursor of Thrombin and Trypsin Inhibitors. <i>Journal of Organic Chemistry</i> , 2003, 68, 2952-2955. | 3.2 | 23 |
| 36 | Colloidal stability of iron oxide nanocrystals coated with a PEG-based tetra-catechol surfactant. <i>Nanotechnology</i> , 2013, 24, 105702. | 2.6 | 23 |

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|----|--|-----|-----------|
| 37 | Stereoselective nucleophilic addition to imines catalyzed by chiral bifunctional thiourea organocatalysts. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 2258-2264. | 1.8 | 22 |
| 38 | Continuous-Flow Stereoselective Synthesis in Microreactors: Nucleophilic Additions to Nitrostyrenes Organocatalyzed by a Chiral Bifunctional Catalyst. <i>Journal of Flow Chemistry</i> , 2015, 5, 17-21. | 1.9 | 21 |
| 39 | Stereolithography 3D-Printed Catalytically Active Devices in Organic Synthesis. <i>Catalysts</i> , 2020, 10, 109. | 3.5 | 20 |
| 40 | Immobilization of Chiral Bifunctional Organocatalysts on Poly(methylhydrosiloxane). <i>ChemCatChem</i> , 2012, 4, 972-975. | 3.7 | 18 |
| 41 | Stereoselective Reduction of Imines with Trichlorosilane Using Solid-Supported Chiral Picolinamides. <i>Molecules</i> , 2016, 21, 1182. | 3.8 | 17 |
| 42 | Continuous-flow synthesis of primary amines: Metal-free reduction of aliphatic and aromatic nitro derivatives with trichlorosilane. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 2614-2619. | 2.2 | 17 |
| 43 | Solvent-Free, One-Pot Synthesis of β -Lactams by the Sc(OTf) ₃ -Catalyzed Reaction of Silyl Ketene Thiocetals with Imines. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 2865-2869. | 2.4 | 15 |
| 44 | Magnetic nanoparticles conjugated to chiral imidazolidinone as recoverable catalyst. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1. | 1.9 | 14 |
| 45 | Synthesis in mesoreactors: Ru(porphyrin)CO-catalyzed aziridination of olefins under continuous flow conditions. <i>Catalysis Science and Technology</i> , 2016, 6, 4700-4704. | 4.1 | 14 |
| 46 | From anilines to aziridines: A two-step synthesis under continuous-flow conditions. <i>Journal of Flow Chemistry</i> , 2016, 6, 234-239. | 1.9 | 12 |
| 47 | Eosin Y: Homogeneous Photocatalytic In-Flow Reactions and Solid-Supported Catalysts for In-Batch Synthetic Transformations. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5596. | 2.5 | 12 |
| 48 | Enantioselective Organophotocatalytic Telescoped Synthesis of a Chiral Privileged Active Pharmaceutical Ingredient. <i>Chemistry - A European Journal</i> , 2022, 28, . | 3.3 | 12 |
| 49 | 3D-printed, home-made, UV-LED photoreactor as a simple and economic tool to perform photochemical reactions in high school laboratories. <i>Chemistry Teacher International</i> , 2020, 2, . | 1.7 | 11 |
| 50 | Stereoselective Visible-Light Catalyzed Cyclization of Bis(enones): A Viable Approach to the Synthesis of Enantiomerically Enriched Cyclopentane Rings. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 4521-4524. | 2.4 | 11 |
| 51 | PEG-supported pyridylthioesters for racemization-free amide synthesis: a reagent that allows simultaneous product formation and removal from the polymer. <i>Tetrahedron</i> , 2005, 61, 12100-12106. | 1.9 | 9 |
| 52 | Sequential Stereoselective Catalysis: Two Single-Flask Reactions of a Substrate in the Presence of a Bifunctional Chiral Ligand and Different Transition Metals. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 1428-1432. | 2.4 | 6 |
| 53 | Catalysis in water: Synthesis of β -amino amides by Sc(III) promoted condensation of silylketene pyridylthioacetal and imines. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 5795-5798. | 1.8 | 6 |
| 54 | Metal-porphyrin catalyzed aziridination of β -methylstyrene: Batch vs. flow process. <i>Journal of Porphyrins and Phthalocyanines</i> , 2017, 21, 381-390. | 0.8 | 6 |

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|----|--|-----|-----------|
| 55 | Evaluation of In-Batch and In-Flow Synthetic Strategies towards the Stereoselective Synthesis of a Fluorinated Analogue of Retro-Thiorphan. <i>Molecules</i> , 2019, 24, 2260. | 3.8 | 5 |
| 56 | Isophthalic Acid-Derived Dicarbothioamides as Novel Metal-Free Catalysts in Hydrogen Bond-Promoted Reactions. <i>Synthetic Communications</i> , 2009, 39, 3731-3742. | 2.1 | 4 |
| 57 | A Continuous-Flow, Two-Step, Metal-Free Process for the Synthesis of Differently Substituted Chiral 1,2-Diamino Derivatives. <i>Synthesis</i> , 2018, 50, 1430-1438. | 2.3 | 4 |
| 58 | Nitroalkene reduction in deep eutectic solvents promoted by $BH_3 \cdot NH_3$. <i>Beilstein Journal of Organic Chemistry</i> , 2021, 17, 1041-1047. | 2.2 | 4 |
| 59 | Continuous Flow Synthesis of $\hat{\pm}$ -Trifluoromethylthiolated Esters and Amides from Carboxylic Acids: a Telescoped Approach. <i>Journal of Organic Chemistry</i> , 2021, 86, 14207-14212. | 3.2 | 4 |
| 60 | Synthesis of Some 2,2,6,6-Tetrapyridines Disubstituted in Positions 6 and 6' with Head-to-Tail Oriented Amino Acids and Dipeptides: A Simple Entry to a Reversible Inducer of Folding in Amino Acid Sequences. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 3976-3983. | 2.4 | 3 |
| 61 | Stereoselective organocatalysis and flow chemistry. <i>Physical Sciences Reviews</i> , 2021, 6, . | 0.8 | 3 |
| 62 | Organocatalytic Michael Addition to (D)-Mannitol-Derived Enantiopure Nitroalkenes: A Valuable Strategy for the Synthesis of Densely Functionalized Chiral Molecules. <i>Molecules</i> , 2019, 24, 4588. | 3.8 | 2 |
| 63 | Stereoselective Michael additions on $\hat{\pm}$ -aminoacrylates as the key step to an α -Oic analogue bearing a quaternary stereocenter. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 671-674. | 2.8 | 2 |
| 64 | In-flow enantioselective homogeneous organic synthesis. <i>Green Processing and Synthesis</i> , 2021, 10, 768-778. | 3.4 | 2 |
| 65 | Poly(methylhydrosiloxane)-supported chiral thiourea-based bifunctional catalysts. <i>Recyclable Catalysis</i> , 2012, 1, 1-5. | 0.1 | 1 |
| 66 | Enantiomerically Pure Phenanthroline or Bipyridine Containing Macrocycles: A New Class of Ligands for Asymmetric Catalysis.. <i>ChemInform</i> , 2003, 34, no. | 0.0 | 0 |
| 67 | Polymer-Supported Organic Catalysts. <i>ChemInform</i> , 2003, 34, no. | 0.0 | 0 |
| 68 | Enantioselective 1,3-Dipolar Cycloadditions of Unsaturated Aldehydes Promoted by a Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 8.0 | 0 |
| 69 | Chiral Bis-pyridinium Salts as Novel Stereoselective Catalysts for the Metal-Free Diels-Alder Cycloaddition of $\hat{\pm}$, $\hat{1}^2$ -Unsaturated Aldehydes. <i>Synthesis</i> , 2011, 2011, 1926-1929. | 2.3 | 0 |
| 70 | Stereoselective Synthesis of Chiral $\hat{\pm}$ -SCF3- $\hat{1}^2$ -Ketoesters Featuring a Quaternary Stereocenter. <i>Symmetry</i> , 2021, 13, 92. | 2.2 | 0 |