# Tecla Gasperi

List of Publications by Year
in descending order

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Version: 2024-02-01

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|---|---|---|---|
| 45<br>papers | 1,355<br>citations | 567144<br>15<br>h-index | 345118<br>36<br>g-index |
| 59<br>all docs | 59<br>docs citations | 59<br>times ranked | 1661<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Organocatalytic Formation of Quaternary Stereocenters. Synthesis, 2009, 2009, 1583-1614. | 1.2 | 533 |
| 2 | Recent Advances in Organocatalytic Cascade Reactions toward the Formation of Quaternary Stereocenters. Synthesis, 2015, 47, 2139-2184. | 1.2 | 106 |
| 3 | Noncovalent Organocatalysis: A Powerful Tool for the Nucleophilic Epoxidation of Î±-Ylideneoxindoles. Organic Letters, 2011, 13, 6248-6251. | 2.4 | 83 |
| 4 | Fatty Acid Hydroxytyrosyl Esters: Structure/Antioxidant Activity Relationship by ABTS and in Cell-Culture DCF Assays. Journal of Agricultural and Food Chemistry, 2010, 58, 5292-5299. | 2.4 | 72 |
| 5 | Proline organocatalysis as a new tool for the asymmetric synthesis of ulosonic acid precursors. Chemical Communications, 2007, , 88-90. | 2.2 | 66 |
| 6 | Rapid, high performance method for the determination of vitamin K1, menaquinone-4 and vitamin K1 2,3-epoxide in human serum and plasma using liquid chromatography-hybrid quadrupole linear ion trap mass spectrometry. Journal of Chromatography A, 2014, 1338, 102-110. | 1.8 | 53 |
| 7 | Synergic asymmetric organocatalysis (SAOc) of Cinchonaalkaloids and secondary amines in the synthesis of bicyclo[2.2.2]octan-2-ones. Chemical Communications, 2009, , 597-599. | 2.2 | 50 |
| 8 | Small and Random Peptides: An Unexplored Reservoir of Potentially Functional Primitive Organocatalysts. The Case of Seryl-Histidine. Life, 2017, 7, 19. | 1.1 | 38 |
| 9 | Synthesis of Aziridineâ€•and Oxiraneâ€2â€phosphonates Spiroâ€Fused with Oxindoles. European Journal of Organic Chemistry, 2011, 2011, 385-391. | 1.2 | 29 |
| 10 | Synthesis of Î±-amino Î³-butyrolactone derivatives by aziridination of Î±-ylidene Î³-butyrolactones. Tetrahedron Letters, 2003, 44, 4953-4956. | 0.7 | 25 |
| 11 | Non-Covalent Organocatalyzed Domino Reactions Involving Oxindoles: Recent Advances. Molecules, 2017, 22, 1636. | 1.7 | 22 |
| 12 | The Suzuki Reaction Applied to the Synthesis of Novel Pyrrolyl and Thiophenyl Indazoles. Molecules, 2012, 17, 4508-4521. | 1.7 | 21 |
| 13 | Asymmetric Organocatalytic Aziridination: Recent Advances. Asian Journal of Organic Chemistry, 2018, 7, 2357-2367. | 1.3 | 21 |
| 14 | Active Methylene Compounds in Asymmetric Organocatalytic Synthesis of Natural Products and Pharmaceutical Scaffolds. Current Organic Chemistry, 2012, 16, 2231-2289. | 0.9 | 17 |
| 15 | First asymmetric organocatalyzed domino Friedelâ€“Crafts/lactonization reaction in the enantioselective synthesis of the GABAB receptor modulator (S)-BHFF. Tetrahedron Letters, 2016, 57, 750-753. | 0.7 | 15 |
| 16 | A physico-chemical approach to the study of genipin crosslinking of biofabricated peptide hydrogels. Process Biochemistry, 2018, 70, 110-116. | 1.8 | 15 |
| 17 | An Organocatalytic Approach to the Synthesis of Six-Membered Heterocycles. Current Organic Chemistry, 2011, 15, 2098-2146. | 0.9 | 13 |
| 18 | Synthesis of Benzofuran-2-One Derivatives and Evaluation of Their Antioxidant Capacity by Comparing DPPH Assay and Cyclic Voltammetry. Molecules, 2018, 23, 710. | 1.7 | 13 |

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|---|---|---|---|
| 19 | HSAB-driven chemoselective N1-alkylation of pyrimidine bases and their 4-methoxy- or 4-acetylamino-derivatives. Tetrahedron, 2006, 62, 6848-6854. | 1.0 | 12 |
| 20 | Targeting Serotonin 2A and Adrenergic Î±1 Receptors for Ocular Antihypertensive Agents: Discovery of 3,4-Dihydropyrazino[1,2-b ]indazol-1(2H )-one Derivatives. ChemMedChem, 2018, 13, 1597-1607. | 1.6 | 12 |
| 21 | Catalytic Friedelâ€“Crafts/Lactonization Domino Reaction: Facile Access to 3â€Hydroxybenzofuranâ€2â€one Scaffold. European Journal of Organic Chemistry, 2014, 2014, 1899. | 1.2 | 11 |
| 22 | Amination of Î±,Î²-unsaturated (2-trimethylsilanylmethyl) carboxylic esters. Tetrahedron Letters, 2002, 43, 3017-3020. | 0.7 | 10 |
| 23 | The male reproductive accessory glands of the blister beetle Meloe proscarabaeus Linnaeus, 1758 (Coleoptera: Meloidae): Anatomy and ultrastructure of the cantharidin-storing organs. Arthropod Structure and Development, 2020, 59, 100980. | 0.8 | 10 |
| 24 | Ozonization and reduction of Î±-methylene N-(ethoxycarbonyl)-Î²-amino phosphonic esters. Tetrahedron Letters, 2002, 43, 7913-7916. | 0.7 | 9 |
| 25 | Asymmetric Synthesis of Spirooxindoles via Nucleophilic Epoxidation Promoted by Bifunctional Organocatalysts. Molecules, 2018, 23, 438. | 1.7 | 8 |
| 26 | Solar Cookers and Dryers: Environmental Sustainability and Nutraceutical Content in Food Processing. Foods, 2021, 10, 2326. | 1.9 | 8 |
| 27 | One step nanoencapsulation of corrosion inhibitors for gradual release application. Materials Today Chemistry, 2022, 24, 100851. | 1.7 | 8 |
| 28 | Determination of telaprevir in plasma of HCVâ€infected patients by HPLCâ€UV. IUBMB Life, 2013, 65, 800-805. | 1.5 | 7 |
| 29 | Cantharidin content in two Mediterranean species of blister beetles,Lydus trimaculatusandMylabris variabilis(Coleoptera: Meloidae). Entomological Science, 2019, 22, 258-263. | 0.3 | 7 |
| 30 | Exploiting scaling laws for designing polymeric bottle brushes: a theoretical coarse-graining for homopolymeric branched polymers. Physical Chemistry Chemical Physics, 2019, 21, 14873-14878. | 1.3 | 7 |
| 31 | Unraveling the role of male reproductive tract and haemolymph in cantharidin-exuding Lydus trimaculatus and Mylabris variabilis (Coleoptera: Meloidae): a comparative transcriptomics approach. BMC Genomics, 2021, 22, 808. | 1.2 | 7 |
| 32 | Silylating Reagents: A Powerful Tool for the Construction of Isosteric Analogs of Highly Branched Odorants. Chemistry and Biodiversity, 2004, 1, 1921-1935. | 1.0 | 6 |
| 33 | New Dihydroxytyrosyl Esters from Dicarboxylic Acids: Synthesis and Evaluation of the Antioxidant Activity In Vitro (ABTS) and in Cell-Cultures (DCF Assay). Molecules, 2020, 25, 3135. | 1.7 | 5 |
| 34 | Spiroaziridines from 4-Substituted Î±-Ylidene-Î³-butyro Lactones. Heterocycles, 2005, 65, 1447. | 0.4 | 5 |
| 35 | Synthesis of Î²,Î²-branched Î²-amino ester derivatives through spiroaziridination of (Î±-trimethylsilanylmethyl)cyclohexylidene esters. Tetrahedron Letters, 2003, 44, 8467-8470. | 0.7 | 4 |
| 36 | Î±-Amino-Î±-vinyl-Î³-butyrolactone Derivatives from Î±-{[(Trimethylsilyl)methyl]alkylidene}-Î³-butyrolactones. European Journal of Organic Chemistry, 2006, 2006, 5076-5082. | 1.2 | 4 |

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|---|---|---|---|
| 37 | Coarse graining and adsorption in bottlebrushâ€“colloid mixtures. Soft Matter, 2021, 17, 3681-3687. | 1.2 | 4 |
| 38 | Theoretical and Experimental Design of Heavy Metal-Mopping Magnetic Nanoparticles. ACS Applied Materials & Interfaces, 2021, 13, 1386-1397. | 4.0 | 3 |
| 39 | Male Accessory Glands of Blister Beetles and Cantharidin Release: A Comparative Ultrastructural Analysis. Insects, 2022, 13, 132. | 1.0 | 2 |
| 40 | Thermoresponsive block copolymer grafted on core-shell nanoparticles. AIP Conference Proceedings, 2021, , . | 0.3 | 1 |
| 41 | Synthesis of Î±-Amino Î³-Butyrolactone Derivatives by Aziridination of Î±-Ylidene Î³-Butyrolactones.. ChemInform, 2003, 34, no. | 0.1 | 0 |
| 42 | Synthesis of Î²,Î²-Branched Î²-Amino Ester Derivatives Through Spiroaziridination of (Î±-Trimethylsilanylmethyl)cyclohexylidene Esters.. ChemInform, 2004, 35, no. | 0.1 | 0 |
| 43 | Spiroaziridines from 4-Substituted Î±-Ylidene-Î³-butyro Lactones.. ChemInform, 2005, 36, no. | 0.1 | 0 |
| 44 | Organocatalytic stereoselective epoxidation of alphaâ€alkylidene oxindoles using alpha,alphaâ€diphenylprolinol in liposome membrane. ChemCatChem, 2018, 11, 974. | 1.8 | 0 |
| 45 | Multiparameter Approach to Dynamic Quantum Phase Estimation. Proceedings (mdpi), 2019, 12, 55. | 0.2 | 0 |