

Luca Forti

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

72
papers

2,057
citations

24
h-index

44
g-index

78
ext. papers

2,246
ext. citations

3.6
avg, IF

4.06
L-index

| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 72 | A tuning point in plant acoustics investigation. <i>Plant Signaling and Behavior</i> , 2021 , 16, 1919836 | 2.5 | 1 |
| 71 | Synergy between mechanical injury and toxins triggers the urticating system of marine fireworms. <i>Journal of Experimental Marine Biology and Ecology</i> , 2021 , 534, 151487 | 2.1 | 1 |
| 70 | An Expedient Catalytic Process to Obtain Solketal from Biobased Glycerol. <i>Processes</i> , 2021 , 9, 141 | 2.9 | 0 |
| 69 | Biological Effect of Different Spinach Extracts in Comparison with the Individual Components of the Phytocomplex. <i>Foods</i> , 2021 , 10, | 4.9 | 2 |
| 68 | Microalgae potential in the capture of CO2 emission. <i>Acta Innovations</i> , 2021 , 19-27 | 1.1 | |
| 67 | Non-Conventional Yeasts as Sources of Ene-Reductases for the Bioreduction of Chalcones. <i>Fermentation</i> , 2020 , 6, 29 | 4.7 | 4 |
| 66 | Sound perception and its effects in plants and algae. <i>Plant Signaling and Behavior</i> , 2020 , 15, 1828674 | 2.5 | 5 |
| 65 | Antimicrobial activity of spices essential oils and its effectiveness on mature biofilms of human pathogens. <i>Natural Product Research</i> , 2020 , 34, 567-574 | 2.3 | 24 |
| 64 | Oxygen Availability during Growth Modulates the Phytochemical Profile and the Chemo-Protective Properties of Spinach Juice. <i>Biomolecules</i> , 2019 , 9, | 5.9 | 2 |
| 63 | Synthesis and Anticancer Activity of CDDO and CDDO-Me, Two Derivatives of Natural Triterpenoids. <i>Molecules</i> , 2019 , 24, | 4.8 | 30 |
| 62 | Nonconventional Yeast-Promoted Biotransformation for the Production of Flavor Compounds 2018 , 165-187 | | 3 |
| 61 | Combined effects of LED lights and chicken manure on <i>Neochloris oleoabundans</i> growth. <i>Bioresource Technology</i> , 2017 , 244, 1261-1268 | 11 | 9 |
| 60 | Study of , , and for their lipogenic aptitude from different carbon sources. <i>Biotechnology for Biofuels</i> , 2016 , 9, 259 | 7.8 | 9 |
| 59 | The investigation of resveratrol and analogs as potential inducers of fetal hemoglobin. <i>Blood Cells, Molecules, and Diseases</i> , 2016 , 58, 6-12 | 2.1 | 11 |
| 58 | VALORIZATION OF GLASS WASTES AS SUPPORT FOR LIPASE IMMOBILIZATION. <i>Environmental Engineering and Management Journal</i> , 2016 , 15, 1933-1940 | 0.6 | 1 |
| 57 | Non-Conventional Yeasts Whole Cells as Efficient Biocatalysts for the Production of Flavors and Fragrances. <i>Molecules</i> , 2015 , 20, 10377-98 | 4.8 | 28 |
| 56 | Assessment of antioxidant and antiproliferative properties of spinach plants grown under low oxygen availability. <i>Journal of the Science of Food and Agriculture</i> , 2015 , 95, 490-6 | 4.3 | 10 |

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|----|--|-----|----|
| 55 | Chemo-enzymatic synthesis of new resveratrol-related dimers containing the benzo[b]furan framework and evaluation of their radical scavenger activities. <i>Tetrahedron</i> , 2015 , 71, 3052-3058 | 2.4 | 19 |
| 54 | Toxicity of the purple mucus of the polychaete <i>Halla parthenopeia</i> (Oeonidae) revealed by a battery of ecotoxicological bioassays. <i>Scientia Marina</i> , 2014 , 78, 589-595 | 1.8 | 5 |
| 53 | Production of flavours and fragrances via bioreduction of (4R)-(-)-carvone and (1R)-(-)-myrtenal by non-conventional yeast whole-cells. <i>Molecules</i> , 2013 , 18, 5736-48 | 4.8 | 21 |
| 52 | Enoate Reductases for Reduction of Electron Deficient Alkenes 2012 , 87-114 | | |
| 51 | Response surface methodology as optimization strategy for asymmetric bioreduction of (4S)-(+)-carvone by <i>Cryptococcus gastricus</i> . <i>Bioresource Technology</i> , 2012 , 121, 290-7 | 11 | 11 |
| 50 | The resveratrol analog 4,4Sdihydroxy-trans-stilbene suppresses transformation in normal mouse fibroblasts and inhibits proliferation and invasion of human breast cancer cells. <i>Carcinogenesis</i> , 2012 , 33, 2172-80 | 4.6 | 29 |
| 49 | A defective ABC transporter of the MRP family, responsible for the bean <i>lpa1</i> mutation, affects the regulation of the phytic acid pathway, reduces seed myo-inositol and alters ABA sensitivity. <i>New Phytologist</i> , 2011 , 191, 70-83 | 9.8 | 88 |
| 48 | Bioreduction of α -unsaturated ketones and aldehydes by non-conventional yeast (NCY) whole-cells. <i>Bioresource Technology</i> , 2011 , 102, 3993-8 | 11 | 31 |
| 47 | Structure-activity relationship of resveratrol and its analogue, 4,4Sdihydroxy-trans-stilbene, toward the endothelin axis in human endothelial cells. <i>Journal of Medicinal Food</i> , 2011 , 14, 1173-80 | 2.8 | 19 |
| 46 | Rapid method for screening enoate reductase activity in yeasts. <i>Journal of Microbiological Methods</i> , 2010 , 83, 106-10 | 2.8 | 4 |
| 45 | Structure-activity relationships of resveratrol and derivatives in breast cancer cells. <i>Molecular Nutrition and Food Research</i> , 2009 , 53, 845-58 | 5.9 | 34 |
| 44 | Biotransformation of electron-poor alkenes by yeasts: Asymmetric reduction of (4S)-(+)-carvone by yeast enoate reductases. <i>Enzyme and Microbial Technology</i> , 2009 , 45, 463-468 | 3.8 | 39 |
| 43 | The resveratrol analogue 4,4Sdihydroxy-trans-stilbene inhibits cell proliferation with higher efficiency but different mechanism from resveratrol. <i>International Journal of Biochemistry and Cell Biology</i> , 2009 , 41, 2493-502 | 5.6 | 34 |
| 42 | alpha3beta3 Integrin-dependent antiangiogenic activity of resveratrol stereoisomers. <i>Molecular Cancer Therapeutics</i> , 2008 , 7, 3761-70 | 6.1 | 33 |
| 41 | Biotransformation of acyclic monoterpenoids by <i>Debaryomyces</i> sp., <i>Kluyveromyces</i> sp., and <i>Pichia</i> sp. strains of environmental origin. <i>Chemistry and Biodiversity</i> , 2008 , 5, 471-83 | 2.5 | 19 |
| 40 | Laccase-Catalyzed Dimerization of Hydroxystilbenes. <i>Advanced Synthesis and Catalysis</i> , 2007 , 349, 1497-1506 | 5.0 | 85 |
| 39 | Anthocyanidins decrease endothelin-1 production and increase endothelial nitric oxide synthase in human endothelial cells. <i>Molecular Nutrition and Food Research</i> , 2006 , 50, 44-51 | 5.9 | 65 |
| 38 | Application of the response surface methodology (RSM) for optimizing the production of volatile organic compounds (VOCs) by <i>Trichosporon moniliiforme</i> . <i>Enzyme and Microbial Technology</i> , 2006 , 39, 1341-1346 | 3.8 | 6 |

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|----|---|-----|-----|
| 37 | Inhibition of mammalian DNA polymerases by resveratrol: mechanism and structural determinants. <i>Biochemical Journal</i> , 2005 , 389, 259-68 | 3.8 | 38 |
| 36 | Production of volatile organic compounds (VOCs) by yeasts isolated from the ascocarps of black (<i>Tuber melanosporum</i> Vitt.) and white (<i>Tuber magnatum</i> Pico) truffles. <i>Archives of Microbiology</i> , 2005 , 184, 187-93 | 3 | 86 |
| 35 | Biocatalytic reduction of (+)- and (-)-carvone by bacteria. <i>Comptes Rendus Chimie</i> , 2005 , 8, 849-852 | 2.7 | 12 |
| 34 | Enantioselective esterase activity of an industrial glutaryl acylase. <i>Tetrahedron: Asymmetry</i> , 2005 , 16, 2509-2513 | | 3 |
| 33 | Antiangiogenic and vascular-targeting activity of the microtubule-destabilizing trans-resveratrol derivative 3,5,4-trimethoxystilbene. <i>Molecular Pharmacology</i> , 2005 , 67, 1451-9 | 4.3 | 98 |
| 32 | Resveratrol is a peroxidase-mediated inactivator of COX-1 but not COX-2: a mechanistic approach to the design of COX-1 selective agents. <i>Journal of Biological Chemistry</i> , 2004 , 279, 22727-37 | 5.4 | 182 |
| 31 | Biotransformation of resveratrol: synthesis of trans-dehydrodimers catalyzed by laccases from Myceliophthora thermophyla and from Trametes pubescens. <i>Tetrahedron</i> , 2004 , 60, 595-600 | 2.4 | 132 |
| 30 | Kinetic resolutions of racemic amines and alcohols catalyzed by an industrial glutaryl-7-aminocephalosporanic acid acylase with unexpected broad substrate specificity. <i>Tetrahedron: Asymmetry</i> , 2003 , 14, 1091-1094 | | 2 |
| 29 | Cyclization of Citronellal to Menthone and Isomenthone Catalyzed by Al/Fe-Pillared Clays. <i>Synthesis</i> , 2001 , 2001, 0052-0054 | 2.9 | 6 |
| 28 | Specific structural determinants are responsible for the antioxidant activity and the cell cycle effects of resveratrol. <i>Journal of Biological Chemistry</i> , 2001 , 276, 22586-94 | 5.4 | 372 |
| 27 | Conformationally constrained amino acids: a convenient approach to cis-2,3-methano-GABAs. <i>Tetrahedron Letters</i> , 1999 , 40, 3233-3234 | 2 | 5 |
| 26 | Easy approach to 3-benzylimino-2-pyrrolidinones from 3-chloro-4-chloromethyl-2-pyrrolidinones. <i>Tetrahedron Letters</i> , 1999 , 40, 8595-8597 | 2 | 5 |
| 25 | The influence of benzylic protection and allylic substituents on the CuCl-TMEDA catalyzed rearrangement of N-allyl-N-benzyl-2,2-dihaloamides to lactams. Application to the stereoselective synthesis of pilolactam. <i>Tetrahedron</i> , 1999 , 55, 5839-5852 | 2.4 | 47 |
| 24 | Rearrangement of N-Allyl-dichloroamides, or Functionalized, to Substituted Analogues of the Aminobutyric Acid (GABA). <i>Synthetic Communications</i> , 1999 , 29, 3739-3748 | 1.7 | 4 |
| 23 | Telechelic oligomers by halogen atom transfer radical addition. <i>Tetrahedron</i> , 1998 , 54, 7849-7856 | 2.4 | 7 |
| 22 | The Fe ⁰ Promoted Addition of CCl ₄ , and CCl ₃ Br to Olefins. <i>Synthetic Communications</i> , 1997 , 27, 961-971 | 1.7 | 27 |
| 21 | Halogen atom transfer radical cyclization of N-allyl-N-benzyl-2,2-dihaloamides to 2-pyrrolidinones, promoted by Fe ⁰ -FeCl ₃ or CuCl-TMEDA. <i>Tetrahedron</i> , 1997 , 53, 14031-14042 | 2.4 | 57 |
| 20 | Halogen atom transfer radical addition of polychloroesters to olefins promoted by Fe ⁰ filings. <i>Tetrahedron</i> , 1997 , 53, 17761-17768 | 2.4 | 36 |

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|----|---|-----|----|
| 19 | Reactivity of transition-metal-modified, Keggin-type heteropolycomplexes in the homogeneous oxidation of cyclohexane and adamantane. <i>Journal of Molecular Catalysis A</i> , 1997 , 127, 85-94 | | 14 |
| 18 | Ferrocene promoted addition of methyl 2,2-dichloro-carboxylates to 1-alkenes. <i>Tetrahedron</i> , 1997 , 53, 4419-4426 | 2.4 | 8 |
| 17 | Acetals by AlFe-pillared montmorillonite catalysis. <i>Tetrahedron</i> , 1997 , 53, 15889-15894 | 2.4 | 19 |
| 16 | N-(2-Hydroxyalkyl)-2,2-dihaloamides by Amino-de-alkoxylation of Methyl 2,2-Dihalocarboxylates. <i>Synthetic Communications</i> , 1996 , 26, 3517-3526 | 1.7 | 1 |
| 15 | Zinc Promoted Addition of Methyl 2,2-Dihalocarboxylates to Carbonyl Compounds. <i>Synthetic Communications</i> , 1996 , 26, 4113-4122 | 1.7 | 7 |
| 14 | Fe0 initiated halogen atom transfer radical addition of methyl 2-Br-2-Cl-carboxylates to olefins. <i>Tetrahedron Letters</i> , 1996 , 37, 2077-2078 | 2 | 27 |
| 13 | The CuBr/Fe0 Promoted Radical Addition of Methyl 2-Br-2-Cl-Carboxylates to OLEFINS. <i>Synthetic Communications</i> , 1996 , 26, 1699-1710 | 1.7 | 9 |
| 12 | Reductive homo-coupling of methyl 2-Br-2-Cl-carboxylates promoted by CuBr/Fe0. <i>Tetrahedron Letters</i> , 1995 , 36, 1103-1106 | 2 | 7 |
| 11 | The CuBr/Fe promoted olefin alkylation by 2-Br-2-Cl-carboxylate methyl esters. <i>Tetrahedron Letters</i> , 1995 , 36, 2509-2510 | 2 | 5 |
| 10 | Stereoselective dehydrobromination of alkyl 2-Br-2-Cl-carboxylates. <i>Tetrahedron Letters</i> , 1995 , 36, 3023-3026 | | 24 |
| 9 | An efficient procedure to 2-hydroxyaldehyde dimethyl acetals. <i>Tetrahedron</i> , 1994 , 50, 7897-7902 | 2.4 | 4 |
| 8 | Effective ruthenium-catalysed oxidation of chlorinated olefins by monopersulfate in aqueous medium. <i>Journal of the Chemical Society Chemical Communications</i> , 1994 , 253 | | 9 |
| 7 | Biomimetic Oxidation Studies. 8. Structure of a New MMO Active Site Model, [Fe2O(H2O)2(tris((1-methylimidazol-2-yl)methyl)amine)2]4+, and Role of the Aqua Ligand in Alkane Functionalization Reactions. <i>Inorganic Chemistry</i> , 1994 , 33, 3208-3209 | 5.1 | 70 |
| 6 | Ruthenium-catalyzed oxidation of alkylaromatics by monopersulfate with preferential oxidative fission of the benzene ring. <i>Journal of Molecular Catalysis</i> , 1993 , 84, 59-66 | | 9 |
| 5 | Ruthenium (II) - catalysed oxidation of alcohols by persulfate. <i>Journal of Molecular Catalysis</i> , 1993 , 79, 85-93 | | 17 |
| 4 | Iodobenzene and persulfate oxygenation of saturated hydrocarbons catalyzed by diphosphino complexes of ruthenium(III). <i>Inorganica Chimica Acta</i> , 1993 , 211, 217-220 | 2.7 | 15 |
| 3 | Coordinative capability of propane-1,3-diamine: spectroscopic and structural properties of a complex of formula [Cd(pnH)4Cl2]Cl4. <i>Inorganica Chimica Acta</i> , 1991 , 189, 13-18 | 2.7 | 2 |
| 2 | Solid state behaviour of N-tosyl-DL-asparagine-Cu(II)-2,2'-bipyridine system. <i>Inorganica Chimica Acta</i> , 1991 , 187, 197-200 | 2.7 | 2 |

- 1 Co-ordination behaviour of N-protected amino acids. Structural and spectroscopic study of complexes of CoII, NiII and CuII with N-(4-aminobenzoyl)glycine. *Journal of the Chemical Society Dalton Transactions*, **1991**, 2955