

# Paride Grisenti

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8819130/publications.pdf>

Version: 2024-02-01

49  
papers

1,396  
citations

471061

17  
h-index

329751

37  
g-index

51  
all docs

51  
docs citations

51  
times ranked

764  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | The biocatalytic approach to the preparation of enantiomerically pure chiral building blocks. <i>Chemical Reviews</i> , 1992, 92, 1071-1140.  | 23.0 | 543       |
| 2  | Lipase-catalyzed transesterification in organic solvents: Applications to the preparation of enantiomerically pure compounds. <i>Enzyme and Microbial Technology</i> , 1993, 15, 367-382.   | 1.6  | 196       |
| 3  | An efficient chemo-enzymatic approach to the enantioselective synthesis of 2-methyl-1,3-propamedical derivatives. <i>Tetrahedron Letters</i> , 1990, 31, 5657-5660.   | 0.7  | 48        |
| 4  | Enantioselective transesterification of 2-methyl-1,3-propanediol derivatives catalyzed by <i>Pseudomonas fluorescens</i> lipase in an organic solvent. <i>Tetrahedron</i> , 1992, 48, 3827-3834.  | 1.0  | 41        |
| 5  | New chemoenzymic synthesis of (R)- and (S)-4-(phenylsulfonyl)-2-methyl-1-butanol: a chiral C5 isoprenoid synthon. <i>Journal of Organic Chemistry</i> , 1990, 55, 6214-6216.  | 1.7  | 35        |
| 6  | Enzymic resolution of 2-substituted oxiranemethanols, a class of synthetically useful building blocks, bearing a chiral quaternary center. <i>Journal of Organic Chemistry</i> , 1991, 56, 5478-5480.   | 1.7  | 35        |
| 7  | Baker's yeast-mediated preparation of optically active aryl alcohols and diols for the synthesis of chiral hydroxy acids. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1990, , 2469.  | 0.9  | 34        |
| 8  | A biocatalytic approach to the enantioselective synthesis of (R)- and (S)-malic acid. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1991, , 601.   | 0.9  | 28        |
| 9  | Selective enzymatic transformations of itaconic acid derivatives: An access to potentially useful building blocks. <i>Tetrahedron</i> , 1994, 50, 3251-3258.  | 1.0  | 28        |
| 10 | Biohydrogenation of unsaturated compounds by <i>Saccharomyces cerevisiae</i> . Part 1. Stereochemical aspects of the reaction and preparation of useful bifunctional chiral synthons. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1987, , 1743.                                    | 0.9  | 27        |
| 11 | Baker's yeast-mediated reduction of $\hat{1}\pm$ -hydroxy ketones and derivatives: The steric course of the biotransformation. <i>Tetrahedron</i> , 1994, 50, 10539-10548.  | 1.0  | 26        |
| 12 | Polyethylene Glycols as Solvents for Anionic Activation: Synthesis of Thioacetates by Means of Potassium Thioacetate in Polyethylene Glycol 400. <i>Synthetic Communications</i> , 1987, 17, 1569-1575.   | 1.1  | 25        |
| 13 | An Insight into the Active Site of <i>Pseudomonas Fluorecens</i> ( <i>P. cepacia</i> ) Lipase to Define the Stereochemical Demand for the Transesterification in Organic Solvents. <i>Biocatalysis</i> , 1994, 10, 279-288.   | 0.9  | 23        |
| 14 | Regio- and enantioselectivity of <i>Pseudomonas cepacia</i> lipase in the transesterification of 2-substituted-1,4-butanediols. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 691-698.   | 1.8  | 22        |
| 15 | Biocatalytic, Enantioselective Preparations of (R)- and (S)-Ethyl 4-Chloro-3-Hydroxybutanoate, a Useful Chiral Synthon. <i>Biocatalysis</i> , 1992, 5, 325-332.   | 0.9  | 21        |
| 16 | Biohydrogenation of unsaturated compounds by <i>Saccharomyces cerevisiae</i> . Part 2: (S)-( $\hat{a}$ €)-Ethyl 4-hydroxy-3-methylbutanoate as a chiral synthon for the preparation of (25S)-26-hydroxycholesterol. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1987, , 1749-1752. | 0.9  | 20        |
| 17 | A chemoenzymatic approach to enantiomerically pure (R)- and (S)-2,3-epoxy-2-(4-pentenyl)-propanol, a chiral building block for the synthesis of (R)- and (S)-frontalin. <i>Tetrahedron: Asymmetry</i> , 1993, 4, 9-12.  | 1.8  | 20        |
| 18 | Studies on the enantioselectivity of the transesterification of 2-methyl-1,4-butanediol and its derivatives catalyzed by <i>Pseudomonas fluorescens</i> lipase in organic solvents. <i>Tetrahedron: Asymmetry</i> , 1993, 4, 997-1006.  | 1.8  | 16        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Lipase-Catalyzed Resolution of (RS)-2-Methyl-4-phenylseleno-1-butanol: Synthesis of Enantiomerically Pure 2-Methyl-1,3-propanediol Derivatives. <i>Synlett</i> , 1990, 1990, 545-546.                                    | 1.0 | 15        |
| 20 | A chemoenzymatic synthesis of enantiomerically pure (R)- and (S)-2-methyldecan-1-ol. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1992, , 1159.  | 0.9 | 15        |
| 21 | Further studies on sodium borohydride-polyethylene glycol 400 as a novel reducing system. <i>Journal of Organic Chemistry</i> , 1987, 52, 671-674.   | 1.7 | 14        |
| 22 | Diastereoselective synthesis of an argatroban intermediate, ethyl (2R,4R)-4-methylpipercolate, by means of a Mandyphos/rhodium complex-catalyzed hydrogenation. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 1626-1631.     | 1.8 | 14        |
| 23 | A new flexible synthesis of (R,S)-mevalonolactone. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1987, , 2301.  | 0.9 | 12        |
| 24 | Evaluation, synthesis and characterization of tacrolimus impurities. <i>Journal of Antibiotics</i> , 2012, 65, 349-354.  | 1.0 | 12        |
| 25 | Enzymatic Synthesis of Enantiomerically Pure Chiral Synthons: Lipase-Catalyzed Resolution of (R/S,) Tj ETQq1 1 0.784314 rgBT /Overlock   | 1.0 | 11        |
| 26 | Synthesis of Antitumor Fluorinated Pyrimidine Nucleosides. <i>Organic Preparations and Procedures International</i> , 2017, 49, 69-154.  | 0.6 | 10        |
| 27 | Baker's yeast catalyzed preparation of a new enantiomerically pure synthon of (S)-pramipexole and its enantiomer (dexpramipexole). <i>Tetrahedron: Asymmetry</i> , 2014, 25, 1239-1245.                                  | 1.8 | 9         |
| 28 | A New Synthesis of (R)- and (S)-Mevalonolactone from the Enzymatic Resolution of (R,S)-2-(3-Methyl-2-butenyl)-oxiranemethanol. <i>Synlett</i> , 1994, 1994, 754-756.   | 1.0 | 8         |
| 29 | Enantioselective <i>Pseudomonas fluorescens</i> ( <i>P. cepacia</i> ) lipase-catalyzed irreversible transesterification of 2-methyl-1,2-diols in an organic solvent. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 1921-1924. | 1.8 | 8         |
| 30 | First chemoenzymatic synthesis of immunomodulating macrolactam pimecrolimus. <i>Tetrahedron Letters</i> , 2009, 50, 4384-4388.   | 0.7 | 8         |
| 31 | Chemoenzymatic synthesis of the enantiomerically pure 1,2,3,4-tetrahydroquinoline moiety of the antithrombotic (21R)- and (21S)-argatroban. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 1142-1147.                         | 1.8 | 7         |
| 32 | Synthesis of the antitumoral nucleoside capecitabine through a chemo-enzymatic approach. <i>Tetrahedron Letters</i> , 2015, 56, 5909-5913.   | 0.7 | 7         |
| 33 | Crystallographic and spectroscopic study on a known orally active progestin. <i>Steroids</i> , 2015, 104, 137-144.   | 0.8 | 6         |
| 34 | Crystallographic and NMR Investigation of Ergometrine and Methylergometrine, Two Alkaloids from <i>Claviceps Purpurea</i> . <i>Molecules</i> , 2020, 25, 331.  | 1.7 | 6         |
| 35 | AN IMPROVED SYNTHESIS OF (S)-3-METHYL- $\beta$ -BUTYROLACTONE. <i>Organic Preparations and Procedures International</i> , 1989, 21, 371-373.   | 0.6 | 5         |
| 36 | Synthesis of the new immunostimulating agent pidotimod (3-L-pyroglutamyl-L-thiazolidine-4-carboxylic) Tj ETQq0 0 0 rgBT /Overlock 10<br>1992, 31, 973-980.   | 0.5 | 5         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | A facile synthesis of pentadeuterated domiodol (2-iodomethyl-4-hydroxymethyl-1,3-dioxolane) from glycerol-1,1,2,3,3-d <sub>5</sub> . <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1994, 34, 303-306. | 0.5 | 4         |
| 38 | A practical route for the synthesis of 17 substituted steroidal 3-thioxamides. <i>Steroids</i> , 1997, 62, 504-506.   | 0.8 | 4         |
| 39 | Substrate interaction with 5 $\beta$ -reductase enzyme: influence of the 17 $\beta$ -chain chirality in the mechanism of action of 4-azasteroid inhibitors. <i>Steroids</i> , 2001, 66, 803-810.                        | 0.8 | 4         |
| 40 | A New Chemoenzymatic Synthesis of the Chiral Key Intermediate of the Antiepileptic Brivaracetam. <i>Molecules</i> , 2018, 23, 2206.   | 1.7 | 4         |
| 41 | Vecuronium bromide and its advanced intermediates: A crystallographic and spectroscopic study. <i>Steroids</i> , 2021, 176, 108928.   | 0.8 | 4         |
| 42 | Complete <sup>1</sup> H and <sup>13</sup> C assignments of (2 <i>R</i> ) and (2 <i>S</i> ) diastereomers of argatroban. <i>Magnetic Resonance in Chemistry</i> , 2008, 46, 99-102.                                      | 1.1 | 3         |
| 43 | Crystallographic, Spectroscopic, and Theoretical Investigation of the Efficiently Separated 2 <i>R</i> and 2 <i>S</i> Diastereoisomers of Argatroban. <i>Chirality</i> , 2013, 25, 871-882.                             | 1.3 | 3         |
| 44 | $\beta$ -Substituted Primary Alcohols as Substrates for Enantioselective Lipase-Catalyzed Transesterification in Organic Solvents. <i>Progress in Biotechnology</i> , 1992, 8, 533-540.                                 | 0.2 | 3         |
| 45 | Synthesis of 3-methyl-1,3,5-pentanetriol and its mono- and diesters. <i>Chemistry and Physics of Lipids</i> , 1988, 49, 97-100.   | 1.5 | 2         |
| 46 | Synthesis of one diastereomeric couple of the mucolytic drug domiodol [(4 <i>S</i> ,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (2 <i>R</i> , <i>S</i> )-2-iodo] Chirality, 1995, 7, 623-625.                         | 1.3 | 2         |
| 47 | A Simple Synthesis of Gestodene from 18-Methyl-4-estren-3,17-dione. <i>Synlett</i> , 2004, 2004, 1838-1840.   | 1.0 | 2         |
| 48 | ( <i>S</i> )-Pramipexole and Its Enantiomer, Dexpramipexole: A New Chemoenzymatic Synthesis and Crystallographic Investigation of Key Enantiomeric Intermediates. <i>Catalysts</i> , 2020, 10, 941.                     | 1.6 | 1         |
| 49 | Synthesis of the immunosuppressive agent 2-morpholinoethyl mycophenolate by a lipase-catalyzed transesterification. <i>Biocatalysis and Biotransformation</i> , 2006, 24, 209-213.                                      | 1.1 | 0         |