

Massimo Pregnolato

List of Publications by Year in descending order

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63
papers

1,445
citations

279798

23
h-index

361022

35
g-index

69
all docs

69
docs citations

69
times ranked

1197
citing authors

#	ARTICLE	IF	CITATIONS
1	New Antibiotics for Multidrug-Resistant Bacterial Strains: Latest Research Developments and Future Perspectives. <i>Molecules</i> , 2021, 26, 2671.	3.8	197
2	Influence of the enzyme derivative preparation and substrate structure on the enantioselectivity of penicillin G acylase. <i>Enzyme and Microbial Technology</i> , 2002, 31, 88-93.	3.2	59
3	Immobilized penicillin G acylase as reactor and chiral selector in liquid chromatography. <i>Journal of Chromatography A</i> , 2001, 921, 147-160.	3.7	57
4	One-Pot Chemoenzymatic Synthesis of 3-Functionalized Cephalosporines (Cefazolin) by Three Consecutive Biotransformations in Fully Aqueous Medium. <i>Journal of Organic Chemistry</i> , 1997, 62, 9099-9106.	3.2	54
5	Selective Interaction of the Human Immunodeficiency Virus Type 1 Reverse Transcriptase Nucleoside Inhibitor Efavirenz and Its Thio-Substituted Analog with Different Enzyme-Substrate Complexes. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 1186-1194.	3.2	54
6	Immobilization and Stabilization of Recombinant Multimeric Uridine and Purine Nucleoside Phosphorylases from <i>Bacillus subtilis</i> . <i>Biomacromolecules</i> , 2004, 5, 2195-2200.	5.4	54
7	Synthesis of 2-Deoxynucleosides by Transglycosylation with New Immobilized and Stabilized Uridine Phosphorylase and Purine Nucleoside Phosphorylase. <i>Advanced Synthesis and Catalysis</i> , 2004, 346, 1361-1366.	4.3	53
8	Highly regioselective control of 1,2-addition of organolithiums to α,β -unsaturated compounds promoted by lithium bromide in 2-methyltetrahydrofuran: a facile and eco-friendly access to allylic alcohols and amines. <i>Tetrahedron</i> , 2011, 67, 2670-2675.	1.9	52
9	Mild and Selective Oxygenation of Sulfides to Sulfoxides and Sulfones by Perfluoro-cis-2,3-dialkyloxaziridines. <i>Journal of Organic Chemistry</i> , 1994, 59, 2762-2765.	3.2	45
10	Disposition of high-dose busulfan in pediatric patients undergoing bone marrow transplantation. <i>Clinical Pharmacology and Therapeutics</i> , 1993, 54, 45-52.	4.7	42
11	Novel Nonsubstrate Inhibitors of Human Thymidine Phosphorylase, a Potential Target for Tumor-Dependent Angiogenesis. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 2601-2607.	6.4	37
12	Chemo-biocatalytic regioselective one-pot synthesis of different deprotected monosaccharides. <i>Catalysis Today</i> , 2009, 140, 11-18.	4.4	34
13	High-Performance Liquid Chromatography Method for Analyzing the Antiretroviral Agent Efavirenz in Human Plasma. <i>Therapeutic Drug Monitoring</i> , 1999, 21, 346.	2.0	31
14	Selective Epoxidation of Olefins by Perfluoro-cis-2,3-dialkyloxaziridines. <i>Journal of Organic Chemistry</i> , 1996, 61, 8805-8810.	3.2	30
15	Metabolites of Alachlor in Water: Identification by Mass Spectrometry and Chemical Synthesis. <i>Environmental Science & Technology</i> , 1997, 31, 3637-3646.	10.0	30
16	On the reaction between 1,2-dithiolo[3,4-b]pyridine-3-thione and primary alkyl and arylalkylamines. <i>Journal of Heterocyclic Chemistry</i> , 1993, 30, 1079-1084.	2.6	29
17	Molecular Modeling and Synthesis of Inhibitors of Herpes Simplex Virus Type 1 Uracil-DNA Glycosylase. <i>Journal of Medicinal Chemistry</i> , 1999, 42, 2344-2350.	6.4	29
18	Oxidation of alcohols by perfluoro-cis-2,3-dialkyl oxaziridines. <i>Tetrahedron Letters</i> , 1992, 33, 7245-7248.	1.4	28

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19	Synthesis and in Vitro Anti-Mycobacterium Activity of N-Alkyl-1,2-dihydro-2-thioxo-3-pyridinecarbothioamides. Preliminary Toxicity and Pharmacokinetic Evaluation. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 199-204.	6.4	27
20	Asymmetric synthesis of oxygen- and nitrogen-substituted difluoromethylene products. <i>Journal of Organic Chemistry</i> , 1992, 57, 2726-2731.	3.2	26
21	Highly Enantiospecific Oxyfunctionalization of Nonactivated Hydrocarbon Sites by Perfluoro-cis-2-n-butyl-3-n-propyloxaziridine. <i>Organic Letters</i> , 1999, 1, 281-284.	4.6	25
22	3H-[1,2]Dithiolo[3,4-b]pyridine-3-thione and its derivatives Synthesis and antimicrobial activity. <i>Il Farmaco</i> , 2000, 55, 669-679.	0.9	25
23	Quantum neurophysics: From non-living matter to quantum neurobiology and psychopathology. <i>International Journal of Psychophysiology</i> , 2016, 103, 161-173.	1.0	25
24	Electromagnetic homeostasis and the role of low-amplitude electromagnetic fields on life organization. <i>Electromagnetic Biology and Medicine</i> , 2017, 36, 115-122.	1.4	25
25	Chemoenzymatic one-pot synthesis of cefazolin from cephalosporin C in fully aqueous medium, involving three consecutive biotransformations catalyzed by D-amino acid oxidase, glutaryl acylase and penicillin G acylase. <i>Tetrahedron Letters</i> , 1997, 38, 4693-4696.	1.4	24
26	Enantioselective enzymatic hydrolysis of racemic glycidyl esters by using immobilized porcine pancreas lipase with improved catalytic properties. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2001, 11, 757-763.	1.8	20
27	Enzymatic synthesis of cephalosporins. The immobilized acylase from <i>Arthrobacter viscosus</i> : A new useful biocatalyst. <i>Applied Microbiology and Biotechnology</i> , 2007, 77, 579-587.	3.6	20
28	A Versatile Synthesis of 5'-Functionalized Nucleosides Through Regioselective Enzymatic Hydrolysis of Their Peracetylated Precursors. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 1967-1975.	2.4	20
29	Immobilization of Neutral Protease from <i>Bacillus subtilis</i> for Regioselective Hydrolysis of Acetylated Nucleosides: Application to Capecitabine Synthesis. <i>Molecules</i> , 2016, 21, 1621.	3.8	19
30	Conversion of Thio- and Selenophosphoryl into Phosphoryl Group by Perfluorocis-2,3-Dialkyloxaziridines. <i>Journal of Organic Chemistry</i> , 1997, 62, 6401-6403.	3.2	18
31	Efficient biocatalyst for large-scale synthesis of cephalosporins, obtained by combining immobilization and site-directed mutagenesis of penicillin acylase. <i>Applied Microbiology and Biotechnology</i> , 2012, 95, 1491-1500.	3.6	17
32	Selective sulfur oxygenation in phosphoroamidate, thionophosphate, and thiophosphate agrochemicals by perfluoro-cis-2,3-dialkyloxaziridine. <i>Tetrahedron</i> , 1995, 51, 7981-7992.	1.9	15
33	Synthesis of 3-H-thieno[3,2-c:4'-b']dithiole-3-thione and its reaction with n-butylamine. <i>Journal of Heterocyclic Chemistry</i> , 1995, 32, 847-850.	2.6	15
34	Potential of Inhibition of Wild-Type and Mutant Human Immunodeficiency Virus Type 1 Reverse Transcriptases by Combinations of Nonnucleoside Inhibitors and d- and l-(1 ²)-Dideoxynucleoside Triphosphate Analogs. <i>Antimicrobial Agents and Chemotherapy</i> , 2001, 45, 1192-1200.	3.2	13
35	Efficient Biocatalytic Cleavage and Recovery of Organic Substrates Supported on Soluble Polymers. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 971-978.	4.3	13
36	Recombinant lipase from <i>Candida rugosa</i> for regioselective hydrolysis of peracetylated nucleosides. A comparison with commercial non-recombinant lipases. <i>Biocatalysis and Biotransformation</i> , 2010, 28, 108-116.	2.0	13

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37	Synthesis, post-modification and characterization of linear polystyrene-based supports for interaction with immobilized biocatalysts. <i>Polymer International</i> , 2012, 61, 1611-1618.	3.1	12
38	The Interactome Hypothesis of Depression. <i>NeuroQuantology</i> , 2010, 8, .	0.2	12
39	α-Amino-β-Halomethylketones: Synthetic Methodologies and Pharmaceutical Applications as Serine and Cysteine Protease Inhibitors. <i>Mini-Reviews in Medicinal Chemistry</i> , 2013, 13, 988-996.	2.4	12
40	A new entry to homochiral difluorinated compounds. <i>Tetrahedron: Asymmetry</i> , 1991, 2, 1105-1106.	1.8	11
41	In Vitro Anti- <i>Mycobacterium avium</i> Activity of N-(2-Hydroxyethyl)-1,2-benzisothiazol-3(2H)-one and -thione Carbamic Esters. <i>Archiv Der Pharmazie</i> , 1996, 329, 421-425.	4.1	11
42	1,2-Dithiolan-3-ones and derivatives structurally related to leinamycin. Synthesis and biological evaluation. <i>Il Farmaco</i> , 2003, 58, 995-998.	0.9	11
43	Enzymatic resolution of 5-hydroxy- and 8-hydroxy-2-tetralols using immobilized lipases. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 467-472.	1.8	11
44	Depression, osteoporosis, serotonin and cell membrane viscosity between biology and philosophical anthropology. <i>Annals of General Psychiatry</i> , 2011, 10, 9.	2.7	11
45	5-(Trifluoromethyl)-β-D-2-deoxyuridine, the L-Enantiomer of Trifluorothymidine: Stereospecific Synthesis and Antitubercular Evaluations. <i>Bioorganic and Medicinal Chemistry</i> , 2001, 9, 1731-1738.	3.0	10
46	New N-Alkyl-1,2-dihydro-2-thioxo-3-pyridinecarbothioamides as antituberculous agents with improved pharmacokinetics. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 2541-2544.	2.2	10
47	Major Depression and Bipolar Disorder: The Concept of Symmetry Breaking. <i>NeuroQuantology</i> , 2012, 10, .	0.2	8
48	Quantum Logic of the Unconscious and Schizophrenia. <i>NeuroQuantology</i> , 2012, 10, .	0.2	7
49	Developing a Novel Enzyme Immobilization Process by Activation of Epoxy Carriers with Glucosamine for Pharmaceutical and Food Applications. <i>Catalysts</i> , 2019, 9, 843.	3.5	7
50	Consciousness and Hallucinations: Molecular Considerations and Theoretical Questions. <i>NeuroQuantology</i> , 2011, 9, .	0.2	6
51	Antimicrobial and genotoxic activities of N-(2-hydroxyethyl)-1,2-benzisothiazol-3(2H)-thione carbamic esters. <i>Il Farmaco</i> , 1999, 54, 643-647.	0.9	5
52	SYNTHESIS AND IN VITRO ACTIVITY OF D- AND L-ENANTIOMERS OF 5-(TRIFLUOROMETHYL)URACIL NUCLEOSIDE DERIVATIVES. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2001, 20, 1123-1125.	1.1	5
53	One-pot synthesis of 2-acetamido-2-deoxy-1,3,6-tri-O-acetyl-β-D-glucopyranose as intermediate for β-D-lactosamine octaacetate preparation. <i>Arkivoc</i> , 2006, 2006, 66-73.	0.5	5
54	Studies on the insecticidal activities of some new N-benzoyl-N-arylsureas. <i>Pest Management Science</i> , 1995, 45, 227-236.	0.4	4

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55	An easy photochemical approach to the synthesis of the food-borne carcinogen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine. <i>Tetrahedron Letters</i> , 1997, 38, 7793-7796.	1.4	4
56	Spin probe analysis of microtubules structure and formation. <i>Archives of Biochemistry and Biophysics</i> , 2012, 522, 1-8.	3.0	3
57	Patterns of calcium signaling: A link between chronic emotions and cancer. <i>Journal of Integrative Neuroscience</i> , 2017, 16, S43-S63.	1.7	3
58	Minds and Robots: An Impassable Border. <i>Contemporary Systems Thinking</i> , 2021, , 225-251.	0.4	2
59	Fungicidal activity of some alkylthio-substituted 2-iodo-and 2-methylbenzanilides. <i>Pest Management Science</i> , 1990, 28, 1-6.	0.4	0
60	New N-Alkyl-1,2-dihydro-2-thioxo-3-pyridinecarbothioamides as Antituberculous Agents with Improved Pharmacokinetics.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
61	1,2-Dithiolan-3-ones and Derivatives Structurally Related to Leinamycin. <i>Synthesis and Biological Evaluation.. ChemInform</i> , 2004, 35, no.	0.0	0
62	Ignazio Licata: The Latest Magna Graeciaâ€™s Natural Philosopher. <i>NeuroQuantology</i> , 2013, 11, .	0.2	0
63	Editorial (Thematic Issue: Electromagnetic Effects in Medicinal Chemistry). <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 512-512.	2.1	0