

Paolo Righi

List of Publications by Year in descending order

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121
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#	ARTICLE	IF	CITATIONS
1	Protection (and Deprotection) of Functional Groups in Organic Synthesis by Heterogeneous Catalysis. <i>Chemical Reviews</i> , 2004, 104, 199-250.	23.0	403
2	Three-component process for the synthesis of 2-amino-2-chromenes in aqueous media. <i>Tetrahedron</i> , 2001, 57, 1395-1398.	1.0	165
3	Organocatalytic Michael-alkylation Cascade: The Enantioselective Nitrocyclopropanation of Oxindoles. <i>Chemistry - A European Journal</i> , 2011, 17, 2842-2845.	1.7	139
4	Remote Control of Axial Chirality: Aminocatalytic Desymmetrization of <i>N</i> -Arylmaleimides via Vinylogous Michael Addition. <i>Journal of the American Chemical Society</i> , 2014, 136, 10250-10253.	6.6	134
5	Supported organic catalysts: synthesis of (<i>E</i>)-nitrostyrenes from nitroalkanes and aromatic aldehydes over propylamine supported on MCM-41 silica as a reusable catalyst. <i>Tetrahedron Letters</i> , 2001, 42, 2401-2403.	0.7	104
6	Stereoselective synthesis of 3-(ethoxycarbonyl)-4-hydroxy-5-(1-hydroxyalkyl)-2-isoxazoline 2-oxides by reaction of 2,3-epoxy aldehydes and ethyl nitroacetate on alumina surface. <i>Journal of Organic Chemistry</i> , 1990, 55, 781-783.	1.7	72
7	Highly efficient one- or two-step sequences for the synthesis of fine chemicals from versatile nitroalkanes. <i>Tetrahedron</i> , 2007, 63, 12099-12121.	1.0	69
8	One-Pot Direct Conversion of 2,3-Epoxy Alcohols into Enantiomerically Pure 4-Hydroxy-4,5-dihydroisoxazole 2-Oxides. <i>Organic Letters</i> , 2001, 3, 727-729.	2.4	64
9	Clay-catalysed solventless synthesis of trans-chalcones. <i>Green Chemistry</i> , 2001, 3, 178-180.	4.6	61
10	RECENT PROGRESS IN THE SYNTHESIS AND REACTIVITY OF NITROKETONES. A REVIEW. <i>Organic Preparations and Procedures International</i> , 1990, 22, 707-746.	0.6	56
11	Enantioselective α -Benzoyloxylation of Ketones Promoted by Primary Amine Catalyst. <i>Journal of Organic Chemistry</i> , 2012, 77, 2667-2674.	1.7	55
12	Organocatalytic Atroposelective Formal Diels-Alder Desymmetrization of <i>N</i> -Arylmaleimides. <i>Organic Letters</i> , 2015, 17, 1728-1731.	2.4	51
13	$\text{CeCl}_3 \cdot 7\text{H}_2\text{O} \sim \text{NaI}$ Catalyzed Hydrooxacyclization of Unsaturated 3-Hydroxy Esters. <i>Organic Letters</i> , 2002, 4, 4451-4453.	2.4	49
14	TBD-catalysed solventless synthesis of symmetrically <i>N,N</i> - α^2 -substituted ureas from primary amines and diethyl carbonate. <i>Green Chemistry</i> , 2003, 5, 396-398.	4.6	49
15	Iminium ion catalysis: the enantioselective Friedel-Crafts alkylation-acetalization cascade of naphthols with α,β -unsaturated cyclic ketones. <i>Chemical Communications</i> , 2012, 48, 11178.	2.2	49
16	Silicon-Tethered 1,3-Dipolar Cycloaddition of 4-Hydroxy-2-isoxazoline 2-Oxides. <i>Journal of the American Chemical Society</i> , 1996, 118, 9446-9447.	6.6	45
17	Crystal forms of rifaximin and their effect on pharmaceutical properties. <i>CrystEngComm</i> , 2008, 10, 1074.	1.3	45
18	Reaction of Allylzinc Reagents and Zinc Enolates of Ketones with α -Amidoalkylphenyl Sulfones. <i>Journal of Organic Chemistry</i> , 2002, 67, 4530-4535.	1.7	44

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19	Solution- and Solid-Phase Synthesis of 4-Hydroxy-4,5-dihydroisoxazole Derivatives from Enantiomerically Pure N-Tosyl-2,3-aziridine Alcohols. <i>Organic Letters</i> , 2002, 4, 497-500.	2.4	42
20	Stereocontrolled synthesis of 3-(ethoxycarbonyl)-4-hydroxy-2-isoxazoline-2-oxides. A new approach to the synthesis of 4-hydroxylated 2-isoxazolines. <i>Journal of Organic Chemistry</i> , 1991, 56, 6258-6260.	1.7	41
21	Practical preparation of bicyclo[3.2.0]hept-3-en-6-ones and its utilisation in stereoselective total synthesis of grandisol and lineatin via a versatile intermediate.. <i>Tetrahedron</i> , 1994, 50, 3235-3250.	1.0	37
22	d-Mannitol as the Chiral Source for the EPC Synthesis of Both Enantiomers of 3-Ethoxycarbonyl-4-hydroxy-2-isoxazolines and Highly Functionalized Tricyclic Systems. <i>Journal of Organic Chemistry</i> , 1998, 63, 8235-8246.	1.7	32
23	Targeting remote axial chirality control of N-(2-tert-butylphenyl)succinimides by means of Michael addition type reactions. <i>Tetrahedron</i> , 2016, 72, 5191-5201.	1.0	32
24	Oxidation of 1,2-cyclohexanediol to Adipic Acid with Oxygen: A Study Into Selectivity-Affecting Parameters. <i>ChemCatChem</i> , 2013, 5, 1998-2008.	1.8	30
25	Vinylogous Reactivity of Oxindoles Bearing Nonsymmetric 3-Alkylidene Groups. <i>Journal of Organic Chemistry</i> , 2015, 80, 7158-7171.	1.7	30
26	Resolution and EPC synthesis of both enantiomers of 2,5-Dimethylbicyclo[3.2.0]heptan-endo-2-ol, Key Intermediate in the Synthesis of Grandisol.. <i>Tetrahedron: Asymmetry</i> , 1991, 2, 123-138.	1.8	29
27	Synthesis of 5-Acyl-3-(ethoxycarbonyl)-2-isoxazolines 2-Oxides by a Tandem Conjugate Addition-Ring Closure of Ethyl Nitroacetate with .alpha.-Bromo Enones. <i>Journal of Organic Chemistry</i> , 1995, 60, 6624-6626.	1.7	28
28	MCM-41-TBD as a new, efficient, supported heterogeneous catalyst for the synthesis of thioureas. <i>Tetrahedron Letters</i> , 2002, 43, 8445-8447.	0.7	26
29	Domino Processes as a Tool for Recovering Substandard Reactions. Synthesis and Use of Nitroacetic Acid Esters and Amides. <i>Organic Letters</i> , 2002, 4, 965-968.	2.4	24
30	Two alternative routes for 1,2-cyclohexanediol synthesis by means of green processes: Cyclohexene dihydroxylation and catechol hydrogenation. <i>Applied Catalysis A: General</i> , 2013, 466, 21-31.	2.2	24
31	Controlling the C(sp ³)-C(sp ²) Axial Conformation in the Enantioselective Friedel-Crafts-Type Alkylation of 1,2-Naphthols with Inden-1-ones. <i>Organic Letters</i> , 2017, 19, 6692-6695.	2.4	23
32	Enantioselective Synthesis of Trifluoromethyl 1,2-Unsaturated Lactones via Vinylogous Aldol-Lactonization Cascade. <i>Journal of Organic Chemistry</i> , 2018, 83, 12440-12448.	1.7	23
33	Comparative assessment of an alternative route to (5-benzylfuran-3-yl)methanol (Elliott's alcohol), a key intermediate for the industrial production of resmethrins. <i>Green Chemistry</i> , 2008, 10, 1146.	4.6	22
34	Michael Addition of Oxindoles to N-(2-tert-Butylphenyl)maleimides: Efficient Desymmetrization for the Synthesis of Atropisomeric Succinimides with Quaternary and Tertiary Stereocenters. <i>Synthesis</i> , 2017, 49, 1519-1530.	1.2	22
35	Total Synthesis of the Marine Sesquiterpenoid Raikovenal through a Novel Utilization of the Bicyclo[3.2.0]heptenone Approach. <i>Journal of Organic Chemistry</i> , 1998, 63, 2389-2391.	1.7	21
36	Nitroalkanes and Dimethyl Maleate as Source of 3-Alkyl Succinic Anhydrides and (E)-3-Alkylidene Succinic Anhydrides. <i>Synthesis</i> , 2002, 2002, 681-685.	1.2	21

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37	Direct Access to Alkylideneoxindoles via Axially Enantioselective Knoevenagel Condensation. <i>Organic Letters</i> , 2019, 21, 3013-3017.	2.4	21
38	Synthesis of methyl substituted bicyclo[3.2.0]hept-3-en-6-ones and 3,3a,4,6a-tetrahydro-2H-cyclopenta[b]furan-2-ones. <i>Tetrahedron</i> , 1994, 50, 7645-7656.	1.0	20
39	Linear Aminopolyhydroxylated Structures Through Rapid Domino Assembly of a Highly Functionalized Heterotricyclic System and Its Selective Cleavage. <i>Chemistry - A European Journal</i> , 1998, 4, 2501-2512.	1.7	19
40	Consecutive and domino processes for the synthesis of a heavily functionalised tricyclic system. <i>Tetrahedron Letters</i> , 1998, 39, 1041-1044.	0.7	18
41	A Bicyclo[3.2.0]hept-3-en-6-one Approach to Prostaglandin Intermediates. <i>Organic Letters</i> , 2000, 2, 4145-4148.	2.4	18
42	Amberlyst® 15 as a Mild, Chemoselective and Reusable Heterogeneous Catalyst for the Conversion of Carbonyl Compounds to 1,3-Oxathiolanes. <i>Synthesis</i> , 2001, 2001, 1826-1829.	1.2	18
43	Carbonates as reactants for the production of fine chemicals: the synthesis of 2-phenoxyethanol. <i>Catalysis Science and Technology</i> , 2014, 4, 4386-4395.	2.1	17
44	Nitroalkanes as a new source of 2-alkylidene-1,4-diols, in two steps. <i>Tetrahedron</i> , 1999, 55, 13451-13456.	1.0	16
45	The Conversion of 3-Hydroxy-6-heptenoic Acids into Bicyclo[3.2.0]hept-3-en-6-ones. <i>Journal of Organic Chemistry</i> , 1994, 59, 7529-7531.	1.7	15
46	A Two-Step Process for the Synthesis of Hydroxytyrosol. <i>ChemSusChem</i> , 2018, 11, 2202-2210.	3.6	15
47	Microbial reduction of methyl-substituted bicyclo[3.2.0]hept-3-en-6-ones : a screening to homochiral endo- and exo-alcohols. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 277-282.	1.8	14
48	Cinchona Alkaloid-Catalyzed Enantioselective Direct Aldol Reaction of N-Boc-Oxindoles with Polymeric Ethyl Glyoxylate. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 2953-2959.	2.1	14
49	Asymmetric vinylogous aldol addition of alkylidene oxindoles on trifluoromethyl- β,γ^2 -unsaturated ketones. <i>RSC Advances</i> , 2018, 8, 33451-33458.	1.7	14
50	Acid promoted CIDT for the deracemization of dihydrocinnamic aldehydes with Betti's base. <i>Green Chemistry</i> , 2010, 12, 1747.	4.6	13
51	N-Bromosuccinimide-Induced Lactonization of Bicyclo[3.2.0]hept-3-en-6-ones. <i>Journal of Organic Chemistry</i> , 1994, 59, 7526-7528.	1.7	12
52	The Bicyclo[3.2.0]heptan-endo-2-ol and Bicyclo[3.2.0]hept-3-en-6-one Approaches in the Synthesis of Grandisol: The Evolution of an Idea and Efforts to Improve Versatility and Practicality. <i>Organic Process Research and Development</i> , 1999, 3, 206-219.	1.3	12
53	Pure enantiomers of bicyclo[3.2.0]hept-3-en-6-ones and bicyclo[3.2.0]hept-3-en-6-endo-ols: Resolution, absolute configuration and optical properties. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 2319-2328.	1.8	11
54	Regioselective synthesis of 1,3,5- and 1,3,4,5-substituted pyrazoles via acylation of N-Boc-N-substituted hydrazones. <i>Tetrahedron</i> , 2011, 67, 612-617.	1.0	11

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55	Revising the Role of a Dioxirane as an Intermediate in the Uncatalyzed Hydroperoxidation of Cyclohexanone in Water. <i>Journal of Organic Chemistry</i> , 2015, 80, 6425-6431.	1.7	11
56	Preparation of Bicyclo[3.2.0]heptane-2-endo,7-endo-diols: $\Delta^1,3$ -Diols with a Chiral Rigid Backbone. <i>Journal of Organic Chemistry</i> , 2004, 69, 1353-1356.	1.7	10
57	A new, effective route to methyl substituted 3,3a,4,6a-tetrahydro-2H-cyclopenta[b]furan-2-ones. <i>Tetrahedron Letters</i> , 1994, 35, 2949-2950.	0.7	9
58	The same and not the same. Similarities and differences in the resolution of trans-chrysanthemic acid of industrial origin by the enantiomers of some threo-1-aryl-2-dimethylamino-1,3-propanediols. <i>Green Chemistry</i> , 2007, 9, 441.	4.6	9
59	A practical preparation of pure enantiomers of endo-bicyclo[3.3.0]oct-7-en-2-ol, versatile intermediate for the synthesis of natural products.. <i>Tetrahedron: Asymmetry</i> , 1993, 4, 735-742.	1.8	8
60	Betti's base for crystallization-induced deracemization of substituted aldehydes: synthesis of enantiopure amorolfine and fenpropimorph. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 2968-2978.	1.5	8
61	Iodocyclization/base-induced hydrodeiodination reaction of 5-substituted 4-alkenols. The influence of substituent on the stereoselective pathway. <i>Tetrahedron</i> , 2007, 63, 12763-12768.	1.0	7
62	Medium sized lactones with hypolipidaemic and antioxidant activity: synthesis and biological evaluation of promising dual-action anti-atherosclerosis drugs. <i>Bioorganic and Medicinal Chemistry</i> , 1999, 7, 411-418.	1.4	6
63	p1,n1 Salts: self-assembled supramolecular structures sequestering racemates. Diastereomeric separation and enantiomeric enrichment of trans-chrysanthemic acid. <i>Chemical Communications</i> , 2006, , 4294.	2.2	6
64	Enantiomerically Pure 4-Methyl- and 1,4-Dimethyl-bicyclo[3.2.0]hept-3-en-6-ols and Ones by Microbial Redox. <i>Chemistry Letters</i> , 1996, 25, 511-512.	0.7	5
65	The racemate cage. Influence of p1,n1 salt occurrence on enantiomer separation processes. The case of trans-chrysanthemic acid. <i>Chemical Communications</i> , 2007, , 2717.	2.2	5
66	Deracemization and Transacetalization of Aldehydes with Enantiomers of Betti's Base Derivatives. <i>Synthetic Communications</i> , 2014, 44, 3450-3455.	1.1	5
67	Synthesis and Preliminary Results on the Catalytic Activity of Metal Complexes obtained from C_2 -Symmetric Ligands Derived from (+)-Betti base. <i>ChemistrySelect</i> , 2016, 1, 2624-2629.	0.7	5
68	Synthesis of 1-Oxo-1-(3-pyridazinyl) Derivatives - Potent Inhibitors of Fatty Acid Amide Hydrolase (FAAH): An Improved and Optimized Procedure. <i>Synthesis</i> , 2007, 2007, 3051-3055.	1.2	4
69	Enantioselective Preparation, Conformational Analysis and Absolute Configuration of Highly Substituted Aziridines. <i>Chirality</i> , 2015, 27, 875-887.	1.3	4
70	Towards a more sustainable production of triacetoneamine with heterogeneous catalysis. <i>Journal of Molecular Catalysis A</i> , 2014, 393, 325-332.	4.8	3
71	Noncovalent Interactions between Stacked Arenes in 1,8-Bis(1-naphthyl)naphthalenes. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 2594-2603.	1.2	3
72	Primary Amine Catalyzed Activation of Carbonyl Compounds: A Study on Reaction Pathways and Reactive Intermediates by Mass Spectrometry. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	1.2	3

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73	A greener procedure for the synthesis of [Bu ₄ N] ²⁺ -cis-[Ru(4-carboxy-4'-carboxylate-2,2'-bipyridine) ₂ (NCS) ₂] (N719), a benchmark dye for DSSC applications. RSC Advances, 2016, 6, 55768-55777.		
74	Computational Investigation on the Origin of Atroposelectivity for the Cinchona Alkaloid Primary Amine-Catalyzed Vinylogous Desymmetrization of N-(2-t-Butylphenyl)maleimides. Journal of Organic Chemistry, 2021, 86, 11782-11793.	1.7	2
75	MCM-41-TBD as a New, Efficient, Supported Heterogeneous Catalyst for the Synthesis of Thioureas.. ChemInform, 2003, 34, no.	0.1	0
76	CeCl ₃ ·7H ₂ O·NaI Catalyzed Hydrooxacyclization of Unsaturated 3-Hydroxy Esters.. ChemInform, 2003, 34, no.	0.1	0
77	Protection (and Deprotection) of Functional Groups in Organic Synthesis by Heterogeneous Catalysis. ChemInform, 2004, 35, no.	0.1	0
78	Preparation of Bicyclo[3.2.0]heptane-2-endo,7-endo-diols: 1,3-Diols with a Chiral Rigid Backbone.. ChemInform, 2004, 35, no.	0.1	0
79	Domino Processes as a Tool for Recovering Substandard Reactions. Synthesis and Use of Nitroacetic Acid Esters and Amides.. ChemInform, 2010, 33, 127-127.	0.1	0