Luca Banfi

List of Publications by Year
in descending order

169 papers	4,563 citations	94269 37 h-index	168136 53 g-index
210 all docs	210 docs citations	210 times ranked	2644 citing authors

#	Article	IF	Citations
1	The 100 facets of the Passerini reaction. Chemical Science, 2021, 12, 15445-15472.	3.7	41
2	A Thorough Study on the Photoisomerization of Ferulic Acid Derivatives. European Journal of Organic Chemistry, 2021, 2021, 1737-1749.	1.2	6
3	Zinc(<scp>ii</scp>)-mediated diastereoselective Passerini reactions of biocatalytically desymmetrised renewable inputs. Organic Chemistry Frontiers, 2020, 7, 380-398.	2.3	14
4	Stereodivergent access to all four stereoisomers of chiral tetrahydrobenzo[f][1,4]oxazepines, through highly diastereoselective multicomponent Ugiâ€“JoulliÃ© reaction. RSC Advances, 2020, 10, 965-972.	1.7	8
5	Synthesis of Polyoxygenated Heterocycles by Diastereoselective Functionalization of a Bio-Based Chiral Aldehyde Exploiting the Passerini Reaction. Molecules, 2020, 25, 3227.	1.7	5
6	Diastereoselectivity in Passerini Reactions of Chiral Aldehydes and in Ugi Reactions of Chiral Cyclic Imines. European Journal of Organic Chemistry, 2020, 2020, 3766-3778.	1.2	20
7	Multicomponent Synthesis of Polyphenols and their in vitro Evaluation as Potential Î²-Amyloid Aggregation Inhibitors. Molecules, 2019, 24, 2636.	1.7	8
8	Biophysical and in Vivo Studies Identify a New Natural-Based Polyphenol, Counteracting AÎ² Oligomerization in Vitro and AÎ² Oligomer-Mediated Memory Impairment and Neuroinflammation in an Acute Mouse Model of Alzheimerâ€™s Disease. ACS Chemical Neuroscience, 2019, 10, 4462-4475.	1.7	23
9	Enzymatically promoted release of organic molecules linked to magnetic nanoparticles. Beilstein Journal of Nanotechnology, 2018, 9, 986-999.	1.5	2
10	Bicyclic Heterocycles from Levulinic Acid through a Fast and Operationally Simple Diversityâ€Oriented Multicomponent Approach. European Journal of Organic Chemistry, 2018, 2018, 5445-5455.	1.2	17
11	Zr-mediated synthesis of chiral cyclic imines and their application in Betti reactions. Chemistry of Heterocyclic Compounds, 2018, 54, 329-333.	0.6	9
12	Integrating biocatalysis and multicomponent reactions. Drug Discovery Today: Technologies, 2018, 29, 3-9.	4.0	6
13	Synthesis of seven-membered nitrogen heterocycles through the Ugi multicomponent reaction. Chemistry of Heterocyclic Compounds, 2017, 53, 382-408.	0.6	40
14	Diversityâ€Oriented Synthesis of Various Enantiopure Heterocycles by Coupling Organocatalysis with Multicomponent Reactions. European Journal of Organic Chemistry, 2017, 2017, 6619-6628.	1.2	15
15	Multicomponent, fragment-based synthesis of polyphenol-containing peptidomimetics and their inhibiting activity on beta-amyloid oligomerization. Organic and Biomolecular Chemistry, 2017, 15, 9331-9351.	1.5	21
16	Passerini Reactions on Biocatalytically Derived Chiral Azetidines. Molecules, 2016, 21, 1153.	1.7	15
17	Diastereoselective Ugi reaction of chiral 1,3-aminoalcohols derived from an organocatalytic Mannich reaction. Beilstein Journal of Organic Chemistry, 2016, 12, 139-143.	1.3	15
18	External-Oxidant-Based Multicomponent Reactions. Synthesis, 2016, 48, 4050-4059.	1.2	17

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19	Access to Polycyclic Alkaloidâ€Like Structures by Coupling the Passerini and Ugi Reactions with Two Sequential Metalâ€Catalyzed Cyclizations. Advanced Synthesis and Catalysis, 2016, 358, 2940-2948.	2.1	15
20	Switching the Photochromic Activity of Acenaphthylene Derivatives through a Tandem Nucleophileâ€Promoted Addition Reaction. Chemistry - A European Journal, 2016, 22, 13831-13834.	1.7	5
21	Diastereoselective Passerini Reaction of Biobased Chiral Aldehydes: Divergent Synthesis of Various Polyfunctionalized Heterocycles. Organic Letters, 2016, 18, 1638-1641.	2.4	31
22	Convergent Synthesis of the Renin Inhibitor Aliskiren Based on C5â€“C6 Disconnection and CO₂Hâ€“NH₂ Equivalence. Organic Process Research and Development, 2016, 20, 270-283.	1.3	18
23	Conjugation of Hydroxytyrosol with Other Natural Phenolic Fragments: From Waste to Antioxidants and Antitumour Compounds. European Journal of Organic Chemistry, 2015, 2015, 6710-6726.	1.2	12
24	Ugi and Passerini Reactions of Biocatalytically Derived Chiral Aldehydes: Application to the Synthesis of Bicyclic Pyrrolidines and of Antiviral Agent Telaprevir. Journal of Organic Chemistry, 2015, 80, 3411-3428.	1.7	51
25	Diversity-oriented synthesis of dihydrobenzoxazepinones by coupling the Ugi multicomponent reaction with a Mitsunobu cyclization. Beilstein Journal of Organic Chemistry, 2014, 10, 209-212.	1.3	17
26	Three in the Spotlight: Photoinduced Stereoselective Synthesis of (Z)-Acyloxyacrylamides through a Multicomponent Approach. Journal of Organic Chemistry, 2014, 79, 3615-3622.	1.7	30
27	The Alternative Route to Enantiopure Multicomponent Reaction Products: Biocatalytic or Organocatalytic Enantioselective Production of Inputs for Multicomponent Reactions. European Journal of Organic Chemistry, 2014, 2014, 2005-2015.	1.2	36
28	Enantio- and Diastereoselective Synthesis of Highly Substituted Benzazepines by a Multicomponent Strategy Coupled with Organocatalytic and Enzymatic Procedures. Journal of Organic Chemistry, 2014, 79, 339-351.	1.7	33
29	Synthesis of triazolo-fused benzoxazepines and benzoxazepinones via Passerini reactions followed by 1,3-dipolar cycloadditions. Molecular Diversity, 2014, 18, 473-482.	2.1	17
30	OPHA (Oxidationâ€“Passeriniâ€“Hydrolysisâ€“Alkylation) Strategy: a Four-Step, One-Pot Improvement of the Alkylative Passerini Reaction. Organic Letters, 2014, 16, 2280-2283.	2.4	35
31	Longâ€Range Diastereoselectivity in an Ugi Reaction: Stereocontrolled and Diversityâ€Oriented Synthesis of Tetrahydrobenzoxazepines. European Journal of Organic Chemistry, 2013, 2013, 5064-5075.	1.2	25
32	Ketene Threeâ€Component Reaction: A Metalâ€Free Multicomponent Approach to Stereodefined Captodative Olefins. Angewandte Chemie - International Edition, 2013, 52, 2096-2099.	7.2	34
33	The homoâ€PADAM Protocol: Stereoselective and Operationally Simple Synthesis of Î±â€Oxoâ€or Î±â€Hydroxyâ€Î²â€acylaminoamides and Chromanes. Chemistry - A European Journal, 2013, 19, 4563-4569.	1.7	24
34	Diversity oriented and chemoenzymatic synthesis of densely functionalized pyrrolidines through a highly diastereoselective Ugi multicomponent reaction. Organic and Biomolecular Chemistry, 2012, 10, 1255.	1.5	54
35	Development of a stereoselective Ugi reaction starting from an oxanorbornene Î²-amino acid derivative. Organic and Biomolecular Chemistry, 2012, 10, 3819.	1.5	21
36	Multicomponent approach to the alkaloid-type 2-aza-7-oxabicyclo[4.3.0]nonane framework. Tetrahedron Letters, 2012, 53, 6516-6518.	0.7	10

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37	Organocatalytic Asymmetric Synthesis of Î²â€Arylâ€Î²â€isocyano Esters. Advanced Synthesis and Catalysis, 2012, 354, 2199-2210.	2.1	18
38	Novel Reagents for Multi-Component Reactions. Advances in Experimental Medicine and Biology, 2011, , 107-138.	0.8	0
39	Design of Multi-Component Reactions. Advances in Experimental Medicine and Biology, 2011, , 139-172.	0.8	0
40	A new diversity oriented and metal-free approach to highly functionalized 3H-pyrimidin-4-ones. Organic and Biomolecular Chemistry, 2011, 9, 2107.	1.5	6
41	Divergent Synthesis of Novel Five-Membered Heterocyclic Compounds by Base-Mediated Rearrangement of Acrylamides Derived from a Novel Isocyanide-Based Multicomponent Reaction. Molecules, 2011, 16, 8775-8787.	1.7	16
42	Molecular diversity and natural products. Molecular Diversity, 2011, 15, 291-292.	2.1	6
43	Tandem Ugi MCR/Mitsunobu Cyclization as a Short, Protectingâ€Groupâ€Free Route to Benzoxazinones with Four Diversity Points. European Journal of Organic Chemistry, 2011, 2011, 100-109.	1.2	47
44	Selective Chemical Oxidation of Risperidone: A Straightforward and Costâ€Effective Synthesis of Paliperidone. European Journal of Organic Chemistry, 2011, 2011, 2319-2325.	1.2	9
45	Long-range diastereoselectivity in Ugi reactions of 2-substituted dihydrobenzoxazepines. Beilstein Journal of Organic Chemistry, 2011, 7, 976-979.	1.3	20
46	Beyond Ugi and Passerini Reactions: Multicomponent Approaches Based on Isocyanides and Alkynes as an Efficient Tool for Diversity Oriented Synthesis. Combinatorial Chemistry and High Throughput Screening, 2011, 14, 782-810.	0.6	39
47	Elaboration of Peptidomimetics Derived from a PADAM Approach: Synthesis of Polyfunctionalised 2(1H)-Pyrazinones via an Unexpected Aromatisation. Synlett, 2011, 2011, 2009-2012.	1.0	10
48	Optimized synthesis of phosphatidylserine. Amino Acids, 2010, 39, 367-373.	1.2	10
49	Multicomponent synthesis of dihydrobenzoxazepinones, bearing four diversity points, as potential Î±-helix mimics. Molecular Diversity, 2010, 14, 425-442.	2.1	18
50	A Marriage of Convenience: Combining the Power of Isocyanideâ€Based Multicomponent Reactions with the Versatility of (Hetero)norbornene Chemistry. European Journal of Organic Chemistry, 2010, 2010, 1831-1841.	1.2	62
51	Enzymatically Asymmetrised Chiral Building Blocks for the Synthesis of Complex Natural Product Analogues: The Synthesis of Dynemicin Analogues from 2â€(Quinolinâ€4â€yl)propaneâ€1,3â€diol. European Journal of Organic Chemistry, 2010, 2010, 2768-2787.	1.2	5
52	Straightforward stereoselective synthesis of polyfunctionalised cyclohexenols using a multicomponent approach. Tetrahedron, 2010, 66, 2390-2397.	1.0	14
53	Synthesis of Novel Isochromene Derivatives by Tandem Ugi Reaction/Nucleophilic Substitution. Synlett, 2010, 2010, 85-88.	1.0	10
54	Coupling Isocyanide-Based Multicomponent Reactions with Aliphatic or Acyl Nucleophilic Substitution Processes. Synlett, 2010, 2010, 23-41.	1.0	109

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55	Synthesis of Heterocycles Through Classical Ugi and Passerini Reactions Followed by Secondary Transformations Involving One or Two Additional Functional Groups. Topics in Heterocyclic Chemistry, 2010, , 1-39.	0.2	58
56	Synthesis of 5-Carboxamide-oxazolines with a Passeriniâ˜'Zhu/Staudingerâ˜'Azaâ˜'Wittig Two-Step Protocol. ACS Combinatorial Science, 2010, 12, 613-616.	3.3	35
57	A Highly Convergent Synthesis of Tricyclic N-Heterocycles Coupling an Ugi Reaction with a Tandem S_N2â€²-Heck Double Cyclization. Journal of Organic Chemistry, 2010, 75, 5134-5143.	1.7	63
58	Isocyanides and Arylacetic Acids: Synthesis and Reactivity of 3-Aryl-2-acyloxyacrylamides, an Example of Serendipity-Oriented Synthesis. Organic Letters, 2009, 11, 4068-4071.	2.4	25
59	A novel intramolecular Ugi reaction with 7-azabicyclo[2.2.1]heptane derivatives followed by post-condensation acylations: a new entry to azanorbornyl peptidomimetics. Organic and Biomolecular Chemistry, 2009, 7, 253-258.	1.5	18
60	Multicomponent synthesis of benzoxazinones via tandem Ugi/Mitsunobu reactions: an unexpected cine-substitution. Molecular Diversity, 2008, 12, 187-190.	2.1	21
61	Synthesis and DNA-cleaving activity of lactenediynes conjugated with DNA-complexing moieties. Bioorganic and Medicinal Chemistry, 2008, 16, 3501-3518.	1.4	8
62	A convergent synthesis of enantiopure bicyclic scaffolds through multicomponent Ugi reaction. Tetrahedron, 2008, 64, 1114-1134.	1.0	53
63	Polyfunctionalized Pyrrolidines by Ugi Multicomponent Reaction Followed by Palladium-Mediated SN2â€˜ Cyclizations. Journal of Organic Chemistry, 2008, 73, 1608-1611.	1.7	37
64	Synthesis and biological evaluation of new conformationally biased integrin ligands based on a tetrahydroazoninone scaffold. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 1341-1345.	1.0	30
65	Ugi Multicomponent Reaction Followed by an Intramolecular Nucleophilic Substitution:Â Convergent Multicomponent Synthesis of 1-Sulfonyl 1,4-Diazepan-5-ones and of Their Benzo-Fused Derivatives. Journal of Organic Chemistry, 2007, 72, 2151-2160.	1.7	102
66	Multicomponent Synthesis of Novel 2- and 3-Substituted Dihydrobenzo[1,4]oxazepinones and Tetrahydrobenzo[1,4]diazepin-5-ones and Their Conformational Analysis. Heterocycles, 2007, 73, 699.	0.4	15
67	Multicomponent reactions in solid-phase synthesis. Current Opinion in Drug Discovery & Development, 2007, 10, 704-14.	1.9	5
68	Multicomponent synthesis of dihydrobenzoxazepinones by coupling Ugi and Mitsunobu reactions. Organic and Biomolecular Chemistry, 2006, 4, 4236.	1.5	39
69	A New Highly Convergent Entry to Densely Functionalized Aziridines Based on the Ugi Reaction. QSAR and Combinatorial Science, 2006, 25, 457-460.	1.5	13
70	A new convergent and stereoselective synthesis of 2,5-disubstituted N-acylpyrrolidines. Tetrahedron, 2006, 62, 4331-4341.	1.0	8
71	Preparation of optically pure fused polycyclic scaffolds by Ugi reaction followed by olefin and enyne metathesis. Tetrahedron, 2006, 62, 8830-8837.	1.0	43
72	Synthetic approaches towards a new class of strained "lactenediynes". Arkivoc, 2006, 2006, 15-39.	0.3	6

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73	Design and synthesis of heterocycle fused enediyne prodrugs activable at will. Arkivoc, 2006, 2006, 261-275.	0.3	15
74	One-pot synthesis of Î±-acyloxyaminoamides via nitrones as imine surrogates in the Ugi MCR. Tetrahedron Letters, 2005, 46, 8003-8006.	0.7	24
75	Asymmetric Isocyanide-Based MCRs. , 2005, , 1-32.		19
76	Asymmetrized Tris(hydroxymethyl)methane as a Precursor of N- and O-Containing 6-Membered Heterocycles Through Ring-Closing Metathesis.. ChemInform, 2005, 36, no.	0.1	0
77	Asymmetrized tris(hydroxymethyl)methane as a precursor of N- and O-containing 6-membered heterocycles through ring-closing metathesis. Organic and Biomolecular Chemistry, 2005, 3, 1729.	1.5	22
78	A Novel Highly Selective Chiral Auxiliary for the Asymmetric Synthesis ofl- andd-Î±-Amino Acid Derivatives via a Multicomponent Ugi Reaction. Journal of Organic Chemistry, 2005, 70, 575-579.	1.7	116
79	Application of tandem Ugi multi-component reaction/ring closing metathesis to the synthesis of a conformationally restricted cyclic pentapeptide. Organic and Biomolecular Chemistry, 2005, 3, 97.	1.5	46
80	From Natural to Rationally Designed Artificial Enediynes. , 2005, , 453-492.		2
81	Ugi Multicomponent Reaction with Hydroxylamines: An Efficient Route to Hydroxamic Acid Derivatives.. ChemInform, 2004, 35, no.	0.1	0
82	Enantio- and Diastereoselective Synthesis of 2,5-Disubstituted Pyrrolidines Through a Multicomponent Ugi Reaction and Their Transformation into Bicyclic Scaffolds.. ChemInform, 2004, 35, no.	0.1	0
83	Efficient chemoenzymatic enantioselective synthesis of diacylglycerols (DAG). Tetrahedron: Asymmetry, 2004, 15, 2889-2892.	1.8	22
84	U-4C-3CR versus U-5C-4CR and stereochemical outcomes using suitable bicyclic Î²-amino acid derivatives as bifunctional components in the Ugi reaction. Tetrahedron Letters, 2004, 45, 587-590.	0.7	50
85	Asymmetric synthesis of a new simplified dynemicin analogue equipped with a handle. Tetrahedron Letters, 2004, 45, 4221-4223.	0.7	13
86	Ugi multicomponent reaction with hydroxylamines: an efficient route to hydroxamic acid derivatives. Tetrahedron Letters, 2004, 45, 6109-6111.	0.7	38
87	Enantio- and diastereoselective synthesis of 2,5-disubstituted pyrrolidines through a multicomponent Ugi reaction and their transformation into bicyclic scaffolds. Tetrahedron Letters, 2004, 45, 6637-6640.	0.7	44
88	Application of tandem Ugi reaction/ring-closing metathesis in multicomponent synthesis of unsaturated nine-membered lactams. Tetrahedron Letters, 2003, 44, 7655-7658.	0.7	75
89	Intramolecular Opening of Î²-Lactams with Amines as a Strategy Toward Enzymatically or Photochemically Triggered Activation of Lactenediyne Prodrugs. European Journal of Organic Chemistry, 2003, 2003, 1319-1336.	1.2	46
90	Solid-phase synthesis of modified oligopeptides via Passerini multicomponent reaction. Tetrahedron Letters, 2003, 44, 2367-2370.	0.7	52

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91	Synthesis of Intramolecularly Activated Lactenediynes and Evaluation of Their Activity Against Plasmid DNA. European Journal of Organic Chemistry, 2002, 2002, 3745-3755.	1.2	19
92	Short synthesis of protease inhibitors via modified Passerini condensation of N-Boc-Î±-aminoaldehydes. Tetrahedron Letters, 2002, 43, 4067-4069.	0.7	62
93	Synthesis of a new lactenediyne scaffold equipped with three handles. Tetrahedron Letters, 2002, 43, 7427-7429.	0.7	19
94	Asymmetric synthesis of (R)-(â^')-chlozolinate through a chemoenzymatic procedure. Tetrahedron: Asymmetry, 2001, 12, 271-277.	1.8	14
95	New Approach to Î²-Lactam-Fused Enediynes (â€œLactenediynesâ€) by Stereoselective Pinacol Coupling. European Journal of Organic Chemistry, 2000, 2000, 939-946.	1.2	25
96	Phosphonic derivatives of carbohydrates: chemoenzymatic synthesis. Tetrahedron Letters, 2000, 41, 3181-3185.	0.7	24
97	Synthesis of a methoxy-substituted lactenediyne. Tetrahedron Letters, 2000, 41, 6523-6526.	0.7	16
98	Passerini reaction â€“ Amine Deprotection â€“ Acyl Migration (PADAM): a convenient strategy for the solid-phase preparation of peptidomimetic compounds. Molecular Diversity, 2000, 6, 227-235.	2.1	38
99	Passerini multicomponent reaction of protected Î±-aminoaldehydes as a tool for combinatorial synthesis of enzyme inhibitors. Chemical Communications, 2000, , 985-986.	2.2	99
100	Protecting group controlled stereoselective alkylation of asymmetrized bis(hydroxymethyl)propanoates (BHYMP*). Tetrahedron: Asymmetry, 1999, 10, 439-447.	1.8	15
101	Synthesis of asymmetrized 2-benzyl-1,3-diaminopropane by a chemoenzymatic route: a tool for combinatorially developing peptidomimetics. Tetrahedron: Asymmetry, 1999, 10, 3571-3592.	1.8	12
102	Intramolecular transamidation of Î²-lactams as a means for the enzymatic control of ring opening: Effect of substituents on the rate of reaction. Tetrahedron Letters, 1998, 39, 9539-9542.	0.7	15
103	Asymmetrized Tris(hydroxymethyl)methane and Related Synthons: Enantioselective Preparation and Synthetic Applications. European Journal of Organic Chemistry, 1998, 1998, 745-757.	1.2	10
104	Synthesis ofN-Fused â€œLactendiynesâ€• European Journal of Organic Chemistry, 1998, 1998, 1543-1548.	1.2	23
105	Lipase catalyzed asymmetrization of quinolyl substituted 1,3-propanediols. Tetrahedron: Asymmetry, 1998, 9, 2481-2492.	1.8	17
106	Rational design, synthesis, and reactivity of lactendiynes, a new class of cyclic enediynes ortho-fused with the Î²-lactam ring. Tetrahedron, 1997, 53, 3249-3268.	1.0	34
107	Chemoenzymatic synthesis of asymmetrized bis(hydroxymethyl)propanoates (BHYMPâ^—) as a new family of chiral building blocks. Tetrahedron: Asymmetry, 1997, 8, 4079-4088.	1.8	11
108	Enantio- and diastereoselective synthesis of the AB ring system of aklavinone by coupling a chemoenzymatic procedure with organometal chemistry. Tetrahedron, 1996, 52, 13493-13512.	1.0	5

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109	Synthesis of a key intermediate for Thienamycin and Imipenem through stereoselective two-direction elongation of asymmetrized bis(hydroxymethyl)acetaldehyde (BHYMAâˆ—). Tetrahedron Letters, 1996, 37, 521-524.	0.7	12
110	Lactendiynes: A New Class of Triggered Cyclic Enediynes. Angewandte Chemie International Edition in English, 1995, 34, 2393-2395.	4.4	58
111	Diastereoselective Reduction and Organometal Addition to 1-Alkoxy-2-phenylalkan-3-ones. Tetrahedron, 1995, 51, 10343-10360.	1.0	10
112	On the optimization of pig pancreatic lipase catalyzed monoacetylation of prochiral diols. Tetrahedron: Asymmetry, 1995, 6, 1345-1356.	1.8	32
113	Enantiospecific and diastereoselective synthesis of 4,4-disubstituted-3-amino-2-azetidinones, starting from D-serine. Tetrahedron, 1995, 51, 8121-8134.	1.0	47
114	Highly Versatile Stereoselective Synthesis of All Eight Stereoisomers of Branched-Chain Triols Starting from Asymmetrized Bis(hydroxymethyl)acetaldehydes (BHYMA). Journal of Organic Chemistry, 1995, 60, 7870-7878.	1.7	9
115	Enzymatic preparation of homochiral 2-(n-carbobenzyloxypiperid-4-yl)-1,3-propanediol monoacetate. A facile entry to both enantiomers of 3- hydroxymethylquinuclidine.. Tetrahedron: Asymmetry, 1994, 5, 537-540.	1.8	15
116	Enantiospecific and diastereoselective synthesis of cis monobactams through electrophilic amination of chiral 3-hydroxyesters. Tetrahedron, 1994, 50, 11967-11982.	1.0	17
117	Microbiological enantioselective synthesis of (S) and (R) 4-(p-anisyloxy)-3-hydroxybutyrates as new chiral building blocks for the synthesis of Î²-lactam antibiotics. Tetrahedron, 1994, 50, 11983-11994.	1.0	17
118	Convergent synthesis of a key intermediate for hypocholesterolemic agent 1233A, starting from methyl 3-hydroxy-2-methylpropanoate and asymmetrized bis(hydroxymethyl)acetaldehyde (BHYMA*). Tetrahedron Letters, 1994, 35, 4239-4242.	0.7	10
119	Regiocontrol in reductive ring opening of epoxides derived from asymmetrized 2-alkenyl-1,3-propanediols. Tetrahedron, 1994, 50, 2219-2230.	1.0	12
120	Enzymatic asymmetrization of some prochiral and meso diols through monoacetylation with pig pancreatic lipase (PPL). Tetrahedron: Asymmetry, 1994, 5, 9-12.	1.8	38
121	Regioselective synthesis of 1,8-dihydroxytetralins through a tandem reduction/intramolecular hydroxyalkylation of 4-(3-hydroxyphenyl)alkanoates. Tetrahedron, 1994, 50, 11945-11966.	1.0	11
122	Stereodivergent Synthesis of cis epoxides derived from asymmetrized 2-alkenyl-1,3-propanediols. Tetrahedron, 1993, 49, 9501-9516.	1.0	15
123	Chemoenzymatic preparation of a key intermediate for carbapenem synthesis starting from asymmetrized bis(hydroxymethyl)acetaldehyde (BHYMA*). Tetrahedron, 1993, 49, 7385-7392.	1.0	18
124	Chemoenzymatic approach to the AB ring system of aklavinone. Tetrahedron Letters, 1993, 34, 8549-8552.	0.7	23
125	Protecting group controlled diastereoselective reduction of diprotected Î±,Î±-bis(hydroxymethyl)ketones derived from THYM*, using the DIBALH / MgBr2 system. Tetrahedron Letters, 1993, 34, 5483-5486.	0.7	23
126	Asymmetric synthesis of all 8 stereoisomers of Î±-methyl homoallylic alcohols derived by crotyl addition onto bis(hydroxymethyl)acetaldehydes (BHYMA*). Tetrahedron Letters, 1993, 34, 5487-5490.	0.7	9

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127	Synthesis of both top and bottom fragments of (-)-talaromycin A through enantiospecific and diastereoselective elaboration of asymmetrized tris (hydroxymethyl)methane. Journal of Organic Chemistry, 1993, 58, 1508-1514.	1.7	15
128	Asymmetrized 2-Methyl-1,3-propanediol and Its Equivalents: Preparation and Synthetic Applications. Synthesis, 1993, 1993, 1029-1056.	1.2	44
129	Stereoselective Synthesis of 4-Acetylamino-2,4,6-trideoxy-L-ribo-hexose from Ethyl (S)-Î²-Hydroxybutyrate. Synlett, 1992, 1992, 311-312.	1.0	14
130	Chemoenzymic preparation of asymmetrized tris(hydroxymethyl)methane (THYM*) and of asymmetrized bis(hydroxymethyl)acetaldehyde (BHYMA*) as new highly versatile chiral building blocks. Journal of Organic Chemistry, 1992, 57, 1540-1554.	1.7	77
131	Tandem reduction / intramolecular hydroxyalkylation of (3-hydroxyphenyl)alkanoates: a new regioselective approach to 1,8-dihydroxytetralins. Tetrahedron Letters, 1992, 33, 3919-3922.	0.7	6
132	Stereoselective synthesis of N-acetyl-l-tolyposamine from (S) ethyl Î²-hydroxybutyrate. Tetrahedron Letters, 1992, 33, 2221-2222.	0.7	16
133	Asymmetrized Tris (Hydroxymethyl)Methane and Related Synthons as New Highly Versatile Chiral Building Blocks. Chemoenzymatic Preparation and Synthetic Applications. , 1992, , 299-310.		5
134	Protecting group controlled diastereoselective allylation of asymmetrized bis (hydroxymethyl)acetaldehydes (BHYMA*). Tetrahedron Letters, 1991, 32, 6939-6942.	0.7	18
135	Stereoselective epoxidation of asymmetrized 2-alkenyl-1,3-propanediols.. Tetrahedron Letters, 1991, 32, 6943-6946.	0.7	15
136	Enantiospecific and diastereoselective synthesis of C11-C17 fragment of tylonolide from â€œasymmetrized tris (hydroxymethyl)methaneâ€• Tetrahedron Letters, 1991, 32, 267-270.	0.7	19
137	Enzymes in organic synthesis: remarkable influence of a Ï€ system on the enantioselectivity in PPL catalysed monohydrolysis of 2-substituted 1,3-diacetoxypropanes.. Tetrahedron: Asymmetry, 1990, 1, 721-724.	1.8	38
138	Asymmetrized trils (hydroxymethyl)methane as a highly stereodivergent chiral building block: preparation of all four stereoisomers of protected 2-hydroxymethyl-1,3-butanediol. Tetrahedron Letters, 1990, 31, 6421-6424.	0.7	19
139	Stereoselective preparation of synthetic equivalents of 2-deoxy-2-amino- and 3-deoxy-3-aminotetroses from malic acid. Application to the synthesis of C18-D-ribo-phytosphingosine. Tetrahedron Letters, 1989, 30, 5507-5510.	0.7	45
140	Enantiospecific and diastereoselective preparation of synthetic equivalents of 2,4-deoxy-2-amino-L-threose and -L-erythrose from (S) ethyl Î²-hydroxybutyrate. Stereochemical course of their condensations with C-nucleophiles. Tetrahedron Letters, 1989, 30, 5511-5514.	0.7	17
141	The asymmetric allylboration reaction: Dependence of rate and enantioselectivity on the chiral auxiliary. Tetrahedron Letters, 1989, 30, 6457-6460.	0.7	24
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