

# Luca Banfi

## List of Publications by Year in descending order

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169  
papers

4,563  
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94269

37  
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168136

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210  
docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Highly Selective Chiral Auxiliary for the Asymmetric Synthesis of $\alpha$ - and $\beta$ -Amino Acid Derivatives via a Multicomponent Ugi Reaction. <i>Journal of Organic Chemistry</i> , 2005, 70, 575-579.	1.7	116
2	Coupling Isocyanide-Based Multicomponent Reactions with Aliphatic or Acyl Nucleophilic Substitution Processes. <i>Synlett</i> , 2010, 2010, 23-41.	1.0	109
3	Ugi Multicomponent Reaction Followed by an Intramolecular Nucleophilic Substitution: A Convergent Multicomponent Synthesis of 1-Sulfonyl 1,4-Diazepan-5-ones and of Their Benzo-Fused Derivatives. <i>Journal of Organic Chemistry</i> , 2007, 72, 2151-2160.	1.7	102
4	Passerini multicomponent reaction of protected $\alpha$ -aminoaldehydes as a tool for combinatorial synthesis of enzyme inhibitors. <i>Chemical Communications</i> , 2000, , 985-986.	2.2	99
5	Enantiospecific and diastereoselective synthesis of anti $\alpha$ -hydrazino- and $\alpha$ -amino- $\beta$ -hydroxyacids through $\alpha$ -electrophilic amination of $\beta$ -hydroxyesters. <i>Tetrahedron</i> , 1988, 44, 5553-5562.	1.0	98
6	Diastereoselection in trimethylsilyl trifluoromethanesulphonate catalyzed reaction of silyl ketene acetals with imines. <i>Tetrahedron Letters</i> , 1987, 28, 4331-4334.	0.7	95
7	N,N'-dibenzyl-N'-ethylenetartramide: a rationally designed chiral auxiliary for the allylboration reaction. <i>Journal of the American Chemical Society</i> , 1988, 110, 3979-3982.	6.6	93
8	Chemoenzymic preparation of asymmetric tris(hydroxymethyl)methane (THYM*) and of asymmetric bis(hydroxymethyl)acetaldehyde (BHMA*) as new highly versatile chiral building blocks. <i>Journal of Organic Chemistry</i> , 1992, 57, 1540-1554.	1.7	77
9	Enzymes in asymmetric synthesis: Effect of reaction media on the PLE catalysed hydrolysis of diesters. <i>Tetrahedron Letters</i> , 1986, 27, 4639-4642.	0.7	75
10	Application of tandem Ugi reaction/ring-closing metathesis in multicomponent synthesis of unsaturated nine-membered lactams. <i>Tetrahedron Letters</i> , 2003, 44, 7655-7658.	0.7	75
11	A Highly Convergent Synthesis of Tricyclic N-Heterocycles Coupling an Ugi Reaction with a Tandem $S_N2$ -Heck Double Cyclization. <i>Journal of Organic Chemistry</i> , 2010, 75, 5134-5143.	1.7	63
12	Short synthesis of protease inhibitors via modified Passerini condensation of N-Boc- $\alpha$ -aminoaldehydes. <i>Tetrahedron Letters</i> , 2002, 43, 4067-4069.	0.7	62
13	A Marriage of Convenience: Combining the Power of Isocyanide-Based Multicomponent Reactions with the Versatility of (Hetero)norbornene Chemistry. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 1831-1841.	1.2	62
14	High diastereoface selection in an ester enolate addition to $\alpha$ -alkoxy aldehydes: stereoselective synthesis of $\alpha$ -methylene- $\beta$ -hydroxy- $\gamma$ -alkoxy esters. <i>Journal of Organic Chemistry</i> , 1984, 49, 3784-3790.	1.7	60
15	Lactendynes: A New Class of Triggered Cyclic Eneynes. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 2393-2395.	4.4	58
16	Synthesis of Heterocycles Through Classical Ugi and Passerini Reactions Followed by Secondary Transformations Involving One or Two Additional Functional Groups. <i>Topics in Heterocyclic Chemistry</i> , 2010, , 1-39.	0.2	58
17	Diversity oriented and chemoenzymatic synthesis of densely functionalized pyrrolidines through a highly diastereoselective Ugi multicomponent reaction. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 1255.	1.5	54
18	A convergent synthesis of enantiopure bicyclic scaffolds through multicomponent Ugi reaction. <i>Tetrahedron</i> , 2008, 64, 1114-1134.	1.0	53

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19	Microbiological synthesis of variously protected L-glyceraldehydes in high optical purity. <i>Tetrahedron Letters</i> , 1986, 27, 3547-3550.	0.7	52
20	Solid-phase synthesis of modified oligopeptides via Passerini multicomponent reaction. <i>Tetrahedron Letters</i> , 2003, 44, 2367-2370.	0.7	52
21	Ugi and Passerini Reactions of Biocatalytically Derived Chiral Aldehydes: Application to the Synthesis of Bicyclic Pyrrolidines and of Antiviral Agent Telaprevir. <i>Journal of Organic Chemistry</i> , 2015, 80, 3411-3428.	1.7	51
22	U-4C-3CR versus U-5C-4CR and stereochemical outcomes using suitable bicyclic $\beta^2$ -amino acid derivatives as bifunctional components in the Ugi reaction. <i>Tetrahedron Letters</i> , 2004, 45, 587-590.	0.7	50
23	Enantiospecific and diastereoselective synthesis of 4,4-disubstituted-3-amino-2-azetidinones, starting from D-serine. <i>Tetrahedron</i> , 1995, 51, 8121-8134.	1.0	47
24	Tandem Ugi MCR/Mitsunobu Cyclization as a Short, Protecting-Group-Free Route to Benzoxazinones with Four Diversity Points. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 100-109.	1.2	47
25	Intramolecular Opening of $\beta^2$ -Lactams with Amines as a Strategy Toward Enzymatically or Photochemically Triggered Activation of Lactenediyne Prodrugs. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 1319-1336.	1.2	46
26	Application of tandem Ugi multi-component reaction/ring closing metathesis to the synthesis of a conformationally restricted cyclic pentapeptide. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 97.	1.5	46
27	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. <i>Tetrahedron Letters</i> , 1989, 30, 5507-5510.	0.7	45
28	Asymmetrized 2-Methyl-1,3-propanediol and Its Equivalents: Preparation and Synthetic Applications. <i>Synthesis</i> , 1993, 1993, 1029-1056.	1.2	44
29	Enantio- and diastereoselective synthesis of 2,5-disubstituted pyrrolidines through a multicomponent Ugi reaction and their transformation into bicyclic scaffolds. <i>Tetrahedron Letters</i> , 2004, 45, 6637-6640.	0.7	44
30	Preparation of optically pure fused polycyclic scaffolds by Ugi reaction followed by olefin and enyne metathesis. <i>Tetrahedron</i> , 2006, 62, 8830-8837.	1.0	43
31	The 100 facets of the Passerini reaction. <i>Chemical Science</i> , 2021, 12, 15445-15472.	3.7	41
32	Synthesis of seven-membered nitrogen heterocycles through the Ugi multicomponent reaction. <i>Chemistry of Heterocyclic Compounds</i> , 2017, 53, 382-408.	0.6	40
33	Multicomponent synthesis of dihydrobenzoxazepinones by coupling Ugi and Mitsunobu reactions. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 4236.	1.5	39
34	Beyond Ugi and Passerini Reactions: Multicomponent Approaches Based on Isocyanides and Alkynes as an Efficient Tool for Diversity Oriented Synthesis. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2011, 14, 782-810.	0.6	39
35	2-Benzoylamino-2-deoxy-2-hydroxymethyl-D-hexono-1,4-lactones: synthesis from D-fructose and utilization in the total synthesis of thermozymocidin (myriocin). <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1983, , 1613.	0.9	38
36	Enzymes in organic synthesis: remarkable influence of a $\beta^2$ system on the enantioselectivity in PPL catalysed monohydrolysis of 2-substituted 1,3-diacetoxypropanes.. <i>Tetrahedron: Asymmetry</i> , 1990, 1, 721-724.	1.8	38

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37	Enzymatic asymmetric acylation of some prochiral and meso diols through monoacetylation with pig pancreatic lipase (PPL). <i>Tetrahedron: Asymmetry</i> , 1994, 5, 9-12.	1.8	38
38	Passerini reaction $\rightarrow$ Amine Deprotection $\rightarrow$ Acyl Migration (PADAM): a convenient strategy for the solid-phase preparation of peptidomimetic compounds. <i>Molecular Diversity</i> , 2000, 6, 227-235.	2.1	38
39	Ugi multicomponent reaction with hydroxylamines: an efficient route to hydroxamic acid derivatives. <i>Tetrahedron Letters</i> , 2004, 45, 6109-6111.	0.7	38
40	Polyfunctionalized Pyrrolidines by Ugi Multicomponent Reaction Followed by Palladium-Mediated SN2 $\rightarrow$ Cyclizations. <i>Journal of Organic Chemistry</i> , 2008, 73, 1608-1611.	1.7	37
41	Dibenzylaminoacetates as useful synthetic equivalents of glycine in the synthesis of $\beta$ -amino- $\beta$ -hydroxyacids. <i>Tetrahedron</i> , 1988, 44, 3671-3684.	1.0	36
42	Enzymes as selective reagents in organic synthesis: Enantioselective preparation of $\alpha$ -asymmetrized tris (hydroxymethyl)methane. <i>Tetrahedron Letters</i> , 1989, 30, 2697-2698.	0.7	36
43	The Alternative Route to Enantiopure Multicomponent Reaction Products: Biocatalytic or Organocatalytic Enantioselective Production of Inputs for Multicomponent Reactions. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 2005-2015.	1.2	36
44	Total synthesis of (+)-thermozymocidin (myriocin) from D-fructose. <i>Journal of the Chemical Society Chemical Communications</i> , 1982, , 488.	2.0	35
45	Diastereo- and Enantioselective Synthesis of Fluorinated Threonines. <i>Synthesis</i> , 1985, 1985, 850-855.	1.2	35
46	Synthesis of 5-Carboxamide-oxazolines with a Passerini $\rightarrow$ Zhu/Staudinger $\rightarrow$ Aza $\rightarrow$ Wittig Two-Step Protocol. <i>ACS Combinatorial Science</i> , 2010, 12, 613-616.	3.3	35
47	OPHA (Oxidation $\rightarrow$ Passerini $\rightarrow$ Hydrolysis $\rightarrow$ Alkylation) Strategy: a Four-Step, One-Pot Improvement of the Alkylative Passerini Reaction. <i>Organic Letters</i> , 2014, 16, 2280-2283.	2.4	35
48	Rational design, synthesis, and reactivity of lactendiyne, a new class of cyclic enediyne ortho-fused with the $\beta$ -lactam ring. <i>Tetrahedron</i> , 1997, 53, 3249-3268.	1.0	34
49	Ketene Three-Component Reaction: A Metal-Free Multicomponent Approach to Stereodefined Captodative Olefins. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2096-2099.	7.2	34
50	Enantio- and Diastereoselective Synthesis of Highly Substituted Benzazepines by a Multicomponent Strategy Coupled with Organocatalytic and Enzymatic Procedures. <i>Journal of Organic Chemistry</i> , 2014, 79, 339-351.	1.7	33
51	Stereoselective synthesis of t-butyl 2-amino-2,5-dideoxy- $\beta$ -D-pentanoate: Formal synthesis of l-daunosamine. <i>Tetrahedron</i> , 1987, 43, 2317-2322.	1.0	32
52	On the optimization of pig pancreatic lipase catalyzed monoacetylation of prochiral diols. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 1345-1356.	1.8	32
53	Diastereoselective Passerini Reaction of Biobased Chiral Aldehydes: Divergent Synthesis of Various Polyfunctionalized Heterocycles. <i>Organic Letters</i> , 2016, 18, 1638-1641.	2.4	31
54	Synthesis and biological evaluation of new conformationally biased integrin ligands based on a tetrahydroazininone scaffold. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 1341-1345.	1.0	30

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55	Three in the Spotlight: Photoinduced Stereoselective Synthesis of (<i>Z</i>)-Acyloxyacrylamides through a Multicomponent Approach. <i>Journal of Organic Chemistry</i> , 2014, 79, 3615-3622.	1.7	30
56	Monobactams: Stereoselective Synthesis of trans-3-Amino- and 3-Acylamino-4-trifluoromethyl-2-azetidinones. <i>Synthesis</i> , 1985, 1985, 609-611.	1.2	28
57	A stereocontrolled synthesis of 3-(1- $\epsilon^2$ -hydroxyethyl)-2-azetidinones through trimethylsilyl trifluoromethanesulphonate catalyzed condensation of silyl ketene acetal derived from ethyl 3-hydroxybutyrate and imine. <i>Tetrahedron Letters</i> , 1987, 28, 4335-4338.	0.7	27
58	Diastereoselective synthesis of $\hat{1}\pm$ -amino- $\hat{1}^2$ -hydroxyacids. <i>Tetrahedron Letters</i> , 1984, 25, 4693-4696.	0.7	26
59	New Approach to $\hat{1}^2$ -Lactam-Fused Enediyne ( $\hat{1}\epsilon$ -Lactenediynes) by Stereoselective Pinacol Coupling. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 939-946.	1.2	25
60	Isocyanides and Arylacetic Acids: Synthesis and Reactivity of 3-Aryl-2-acyloxyacrylamides, an Example of Serendipity-Oriented Synthesis. <i>Organic Letters</i> , 2009, 11, 4068-4071.	2.4	25
61	Long-Range Diastereoselectivity in an Ugi Reaction: Stereocontrolled and Diversity-Oriented Synthesis of Tetrahydrobenzoxazepines. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 5064-5075.	1.2	25
62	The asymmetric allylboration reaction: Dependence of rate and enantioselectivity on the chiral auxiliary. <i>Tetrahedron Letters</i> , 1989, 30, 6457-6460.	0.7	24
63	Phosphonic derivatives of carbohydrates: chemoenzymatic synthesis. <i>Tetrahedron Letters</i> , 2000, 41, 3181-3185.	0.7	24
64	One-pot synthesis of $\hat{1}\pm$ -acyloxyaminoamides via nitrones as imine surrogates in the Ugi MCR. <i>Tetrahedron Letters</i> , 2005, 46, 8003-8006.	0.7	24
65	The <i>homo</i>-PADAM Protocol: Stereoselective and Operationally Simple Synthesis of $\hat{1}\pm$ -Oxo- or $\hat{1}\pm$ -Hydroxy- $\hat{1}^3$ -acylaminoamides and Chromanes. <i>Chemistry - A European Journal</i> , 2013, 19, 4563-4569.	1.7	24
66	Chemoenzymatic approach to the AB ring system of aklavinone. <i>Tetrahedron Letters</i> , 1993, 34, 8549-8552.	0.7	23
67	Protecting group controlled diastereoselective reduction of diprotected $\hat{1}\pm, \hat{1}\pm$ -bis(hydroxymethyl)ketones derived from THYM*, using the DIBALH / MgBr <sub>2</sub> system. <i>Tetrahedron Letters</i> , 1993, 34, 5483-5486.	0.7	23
68	Synthesis of N-Fused $\hat{1}\epsilon$ -Lactenediynes. <i>European Journal of Organic Chemistry</i> , 1998, 1998, 1543-1548.	1.2	23
69	Biophysical and in Vivo Studies Identify a New Natural-Based Polyphenol, Counteracting Al <sup>1</sup> Oligomerization in Vitro and Al <sup>2</sup> Oligomer-Mediated Memory Impairment and Neuroinflammation in an Acute Mouse Model of Alzheimer's Disease. <i>ACS Chemical Neuroscience</i> , 2019, 10, 4462-4475.	1.7	23
70	Asymmetric synthesis of protected $\hat{1}\pm$ -hydroxyaldehydes from acyl chlorides using p-tolyl p-tolylthiomethyl sulfoxide as chiral carbonyl synthon. <i>Tetrahedron Letters</i> , 1983, 24, 817-818.	0.7	22
71	Efficient chemoenzymatic enantioselective synthesis of diacylglycerols (DAG). <i>Tetrahedron: Asymmetry</i> , 2004, 15, 2889-2892.	1.8	22
72	Asymmetrized tris(hydroxymethyl)methane as a precursor of N- and O-containing 6-membered heterocycles through ring-closing metathesis. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 1729.	1.5	22

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73	Baker's yeast-mediated synthesis of protected $\hat{1}\pm$ -hydroxy-aldehydes. <i>Journal of the Chemical Society Chemical Communications</i> , 1986, , 138-140.	2.0	21
74	Multicomponent synthesis of benzoxazinones via tandem Ugi/Mitsunobu reactions: an unexpected cine-substitution. <i>Molecular Diversity</i> , 2008, 12, 187-190.	2.1	21
75	Development of a stereoselective Ugi reaction starting from an oxanorbornene $\hat{1}^2$ -amino acid derivative. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 3819.	1.5	21
76	Multicomponent, fragment-based synthesis of polyphenol-containing peptidomimetics and their inhibiting activity on beta-amyloid oligomerization. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 9331-9351.	1.5	21
77	Long-range diastereoselectivity in Ugi reactions of 2-substituted dihydrobenzoxazepines. <i>Beilstein Journal of Organic Chemistry</i> , 2011, 7, 976-979.	1.3	20
78	Diastereoselectivity in Passerini Reactions of Chiral Aldehydes and in Ugi Reactions of Chiral Cyclic Imines. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 3766-3778.	1.2	20
79	Indole alkaloids. Enantioselective synthesis of ( $\hat{6}$ )-alloyohimbane by a chemoenzymatic approach. <i>Journal of the Chemical Society Chemical Communications</i> , 1987, , 299-300.	2.0	19
80	Asymmetrized tris (hydroxymethyl)methane as a highly stereodivergent chiral building block: preparation of all four stereoisomers of protected 2-hydroxymethyl-1,3-butanediol. <i>Tetrahedron Letters</i> , 1990, 31, 6421-6424.	0.7	19
81	Enantiospecific and diastereoselective synthesis of C11-C17 fragment of tylonolide from $\hat{6}$ -asymmetrized tris (hydroxymethyl)methane. <i>Tetrahedron Letters</i> , 1991, 32, 267-270.	0.7	19
82	Synthesis of Intramolecularly Activated Lactenediynes and Evaluation of Their Activity Against Plasmid DNA. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 3745-3755.	1.2	19
83	Synthesis of a new lactenediyne scaffold equipped with three handles. <i>Tetrahedron Letters</i> , 2002, 43, 7427-7429.	0.7	19
84	Asymmetric Isocyanide-Based MCRs. , 2005, , 1-32.		19
85	Protecting group controlled diastereoselective allylation of asymmetrized bis (hydroxymethyl)acetaldehydes (BHYMA*). <i>Tetrahedron Letters</i> , 1991, 32, 6939-6942.	0.7	18
86	Chemoenzymatic preparation of a key intermediate for carbapenem synthesis starting from asymmetrized bis(hydroxymethyl)acetaldehyde (BHYMA*). <i>Tetrahedron</i> , 1993, 49, 7385-7392.	1.0	18
87	A novel intramolecular Ugi reaction with 7-azabicyclo[2.2.1]heptane derivatives followed by post-condensation acylations: a new entry to azanorbornyl peptidomimetics. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 253-258.	1.5	18
88	Multicomponent synthesis of dihydrobenzoxazepinones, bearing four diversity points, as potential $\hat{1}\pm$ -helix mimics. <i>Molecular Diversity</i> , 2010, 14, 425-442.	2.1	18
89	Organocatalytic Asymmetric Synthesis of $\hat{1}^2$ -Aryl- $\hat{1}^2$ -isocyano Esters. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 2199-2210.	2.1	18
90	Convergent Synthesis of the Renin Inhibitor Aliskiren Based on C5 $\hat{6}$ -C6 Disconnection and CO <sub>2</sub> <sub>2</sub>/NH<sub>2</sub> Equivalence. <i>Organic Process Research and Development</i> , 2016, 20, 270-283.	1.3	18

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91	Enantiospecific and diastereoselective preparation of synthetic equivalents of 2,4-deoxy-2-amino-L-threose and -L-erythrose from (S) ethyl $\beta$ -hydroxybutyrate. Stereochemical course of their condensations with C-nucleophiles. <i>Tetrahedron Letters</i> , 1989, 30, 5511-5514.	0.7	17
92	Enantiospecific and diastereoselective synthesis of cis monobactams through electrophilic amination of chiral 3-hydroxyesters. <i>Tetrahedron</i> , 1994, 50, 11967-11982.	1.0	17
93	Microbiological enantioselective synthesis of (S) and (R) 4-(p-anisoyloxy)-3-hydroxybutyrate as new chiral building blocks for the synthesis of $\beta$ -lactam antibiotics. <i>Tetrahedron</i> , 1994, 50, 11983-11994.	1.0	17
94	Lipase catalyzed asymmetric synthesis of quinolyl substituted 1,3-propanediols. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 2481-2492.	1.8	17
95	Diversity-oriented synthesis of dihydrobenzoxazepinones by coupling the Ugi multicomponent reaction with a Mitsunobu cyclization. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 209-212.	1.3	17
96	Synthesis of triazolo-fused benzoxazepines and benzoxazepinones via Passerini reactions followed by 1,3-dipolar cycloadditions. <i>Molecular Diversity</i> , 2014, 18, 473-482.	2.1	17
97	External-Oxidant-Based Multicomponent Reactions. <i>Synthesis</i> , 2016, 48, 4050-4059.	1.2	17
98	Bicyclic Heterocycles from Levulinic Acid through a Fast and Operationally Simple Diversity-Oriented Multicomponent Approach. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 5445-5455.	1.2	17
99	Stereoselective synthesis of N-acetyl-l-tyloposamine from (S) ethyl $\beta$ -hydroxybutyrate. <i>Tetrahedron Letters</i> , 1992, 33, 2221-2222.	0.7	16
100	Synthesis of a methoxy-substituted lactenediyne. <i>Tetrahedron Letters</i> , 2000, 41, 6523-6526.	0.7	16
101	Divergent Synthesis of Novel Five-Membered Heterocyclic Compounds by Base-Mediated Rearrangement of Acrylamides Derived from a Novel Isocyanide-Based Multicomponent Reaction. <i>Molecules</i> , 2011, 16, 8775-8787.	1.7	16
102	Stereoselective epoxidation of asymmetric 2-alkenyl-1,3-propanediols. <i>Tetrahedron Letters</i> , 1991, 32, 6943-6946.	0.7	15
103	Stereodivergent Synthesis of cis epoxides derived from asymmetric 2-alkenyl-1,3-propanediols. <i>Tetrahedron</i> , 1993, 49, 9501-9516.	1.0	15
104	Synthesis of both top and bottom fragments of (-)-talaromycin A through enantiospecific and diastereoselective elaboration of asymmetric tris (hydroxymethyl)methane. <i>Journal of Organic Chemistry</i> , 1993, 58, 1508-1514.	1.7	15
105	Enzymatic preparation of homochiral 2-(n-carbobenzoyloxypiperid-4-yl)-1,3-propanediol monoacetate. A facile entry to both enantiomers of 3-hydroxymethylquinuclidine. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 537-540.	1.8	15
106	Intramolecular transamidation of $\beta$ -lactams as a means for the enzymatic control of ring opening: Effect of substituents on the rate of reaction. <i>Tetrahedron Letters</i> , 1998, 39, 9539-9542.	0.7	15
107	Protecting group controlled stereoselective alkylation of asymmetric bis(hydroxymethyl)propanoates (BHYMP*). <i>Tetrahedron: Asymmetry</i> , 1999, 10, 439-447.	1.8	15
108	Passerini Reactions on Biocatalytically Derived Chiral Azetidines. <i>Molecules</i> , 2016, 21, 1153.	1.7	15

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109	Diastereoselective Ugi reaction of chiral 1,3-aminoalcohols derived from an organocatalytic Mannich reaction. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 139-143.	1.3	15
110	Access to Polycyclic Alkaloid-Like Structures by Coupling the Passerini and Ugi Reactions with Two Sequential Metal-Catalyzed Cyclizations. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2940-2948.	2.1	15
111	Diversity-Oriented Synthesis of Various Enantiopure Heterocycles by Coupling Organocatalysis with Multicomponent Reactions. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6619-6628.	1.2	15
112	Multicomponent Synthesis of Novel 2- and 3-Substituted Dihydrobenzo[1,4]oxazepinones and Tetrahydrobenzo[1,4]diazepin-5-ones and Their Conformational Analysis. <i>Heterocycles</i> , 2007, 73, 699.	0.4	15
113	Design and synthesis of heterocycle fused enediyne prodrugs activable at will. <i>Arkivoc</i> , 2006, 2006, 261-275.	0.3	15
114	Absolute configuration of A-32'287 [conocandin] and total synthesis of its methyl and tert-butyl esters. <i>Journal of Organic Chemistry</i> , 1987, 52, 5452-5457.	1.7	14
115	Stereoselective Synthesis of 4-Acetylamino-2,4,6-trideoxy-L-ribo-hexose from Ethyl (S)- $\beta$ -Hydroxybutyrate. <i>Synlett</i> , 1992, 1992, 311-312.	1.0	14
116	Asymmetric synthesis of (R)-( $\alpha^*$ )-chlozolate through a chemoenzymatic procedure. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 271-277.	1.8	14
117	Straightforward stereoselective synthesis of polyfunctionalised cyclohexenols using a multicomponent approach. <i>Tetrahedron</i> , 2010, 66, 2390-2397.	1.0	14
118	Zinc-mediated diastereoselective Passerini reactions of biocatalytically desymmetrised renewable inputs. <i>Organic Chemistry Frontiers</i> , 2020, 7, 380-398.	2.3	14
119	Acid catalysis in aldol condensation of $\beta$ -amino silyl ketene acetals. Diastereoselective synthesis of $\beta$ -amino- $\beta$ -hydroxyacids. <i>Tetrahedron Letters</i> , 1985, 26, 3517-3520.	0.7	13
120	Asymmetric synthesis of a new simplified dynemicin analogue equipped with a handle. <i>Tetrahedron Letters</i> , 2004, 45, 4221-4223.	0.7	13
121	A New Highly Convergent Entry to Densely Functionalized Aziridines Based on the Ugi Reaction. <i>QSAR and Combinatorial Science</i> , 2006, 25, 457-460.	1.5	13
122	Asymmetric synthesis of protected $\beta$ -hydroxyaldehydes via reduction of $\beta$ -arylthio- $\beta$ -oxosulphoxides. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1984, , 189-193.	0.9	12
123	Electrophilic Sulphenylation of Silyl Ketene Acetals Derived from 3-Hydroxyesters. Diastereoselective Synthesis of Protected Epoxyalcohols. <i>Chemistry Letters</i> , 1988, 17, 1683-1686.	0.7	12
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