Cesare Gennari

List of Publications by Year
in descending order

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228 papers	8,410 citations	57681 46 h-index	84171 75 g-index
272 all docs	272 docs citations	272 times ranked	5045 citing authors

#	Article	IF	Citations
1	Regiodivergent Reductive Opening of Epoxides by Catalytic Hydrogenation Promoted by a (Cyclopentadienone)iron Complex. ACS Catalysis, 2022, 12, 235-246.	5.5	17
2	Development and Biochemical Characterization of Self-Immolative Linker Containing GnRH-III-Drug Conjugates. International Journal of Molecular Sciences, 2022, 23, 5071.	1.8	6
3	Advanced Pyrrolidineâ€Carbamate Selfâ€Immolative Spacer with Tertiary Amine Handle Induces Superfast Cyclative Drug Release. ChemMedChem, 2022, 17, .	1.6	5
4	Functionalized 2â€Hydroxybenzaldehydeâ€PEG Modules as Portable Tags for the Engagement of Protein Lysine Ïµâ€Amino Groups. European Journal of Organic Chemistry, 2021, 2021, 1763-1767.	1.2	1
5	A trifunctional self-immolative spacer enables drug release with two non-sequential enzymatic cleavages. Chemical Communications, 2021, 57, 7778-7781.	2.2	7
6	Fast Cyclization of a Prolineâ€Derived Selfâ€Immolative Spacer Improves the Efficacy of Carbamate Prodrugs. Angewandte Chemie, 2020, 132, 4205-4210.	1.6	8
7	Fast Cyclization of a Prolineâ€Derived Selfâ€Immolative Spacer Improves the Efficacy of Carbamate Prodrugs. Angewandte Chemie - International Edition, 2020, 59, 4176-4181.	7.2	35
8	TUMOR TARGETING WITH INTEGRIN LIGAND - DRUG CONJUGATES. Istituto Lombardo - Accademia Di Scienze E Lettere - Rendiconti Di Scienze, 2020, , .	0.0	0
9	Recent Catalytic Applications of (Cyclopentadienone)iron Complexes. European Journal of Organic Chemistry, 2020, 2020, 3192-3205.	1.2	28
10	Multimeric Presentation of RGD Peptidomimetics Enhances Integrin Binding and Tumor Cell Uptake. Chemistry - A European Journal, 2020, 26, 7492-7496.	1.7	10
11	Innovative Linker Strategies for Tumorâ€Targeted Drug Conjugates. Chemistry - A European Journal, 2019, 25, 14740-14757.	1.7	68
12	Conjugates of Cryptophycin and RGD or isoDGR Peptidomimetics for Targeted Drug Delivery. ChemistryOpen, 2019, 8, 737-742.	0.9	17
13	Hydrogen-Borrowing Amination of Secondary Alcohols Promoted by a (Cyclopentadienone)iron Complex. Synthesis, 2019, 51, 3545-3555.	1.2	15
14	Chiral (cyclopentadienone)iron complexes with a stereogenic plane as pre-catalysts for the asymmetric hydrogenation of polar double bonds. Tetrahedron, 2019, 75, 1415-1424.	1.0	15
15	Î²-Glucuronidase triggers extracellular MMAE release from an integrin-targeted conjugate. Organic and Biomolecular Chemistry, 2019, 17, 4705-4710.	1.5	14
16	Synthesis and Biological Evaluation of RGD and isoDGRâ€“Monomethyl Auristatin Conjugates Targeting Integrin Îł_VÎ²₃. ChemMedChem, 2019, 14, 938-942.	1.6	26
17	Rational Design of Antiangiogenic Helical Oligopeptides Targeting the Vascular Endothelial Growth Factor Receptors. Frontiers in Chemistry, 2019, 7, 170.	1.8	10
18	The Importance of Detail: How Differences in Ligand Structures Determine Distinct Functional Responses in Integrin Îł v Î² 3. Chemistry - A European Journal, 2019, 25, 5959-5970.	1.7	10

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19	A dimeric bicyclic RGD ligand displays enhanced integrin binding affinity and strong biological effects on U-373 MG glioblastoma cells. Organic and Biomolecular Chemistry, 2019, 17, 8913-8917.	1.5	4
20	Frontispiece: Innovative Linker Strategies for Tumorâ€Targeted Drug Conjugates. Chemistry - A European Journal, 2019, 25, .	1.7	0
21	Improving C=N Bond Reductions with (Cyclopentadienone)iron Complexes: Scope and Limitations. European Journal of Organic Chemistry, 2019, 2019, 647-654.	1.2	12
22	Neutrophil Elastase Promotes Linker Cleavage and Paclitaxel Release from an Integrinâ€Targeted Conjugate. Chemistry - A European Journal, 2019, 25, 1696-1700.	1.7	29
23	Synthesis and Biological Evaluation of Paclitaxel Conjugates Involving Linkers Cleavable by Lysosomal Enzymes and Î±_VÎ²₃â€Integrin Ligands for Tumor Targeting. European Journal of Organic Chemistry, 2018, 2018, 2902-2909.	1.2	16
24	Efficient Synthesis of Amines by Ironâ€Catalyzed C=N Transfer Hydrogenation and C=O Reductive Amination. Advanced Synthesis and Catalysis, 2018, 360, 1054-1059.	2.1	43
25	Synthesis and biological evaluation of RGD and isoDGR peptidomimetic-Î±-amanitin conjugates for tumor-targeting. Beilstein Journal of Organic Chemistry, 2018, 14, 407-415.	1.3	30
26	Synthesis of [Bis(hexamethylene)cyclopentadienone]iron Tricarbonyl and its Application to the Catalytic Reduction of C=O Bonds. ChemCatChem, 2017, 9, 1461-1468.	1.8	34
27	Tumor Targeting with an isoDGRâ€“Drug Conjugate. Chemistry - A European Journal, 2017, 23, 7910-7914.	1.7	17
28	Insights into the Binding of Cyclic RGD Peptidomimetics to Î±₅Î²₁Integrin by using Live-Cell NMR And Computational Studies. ChemistryOpen, 2017, 6, 128-136.	0.9	21
29	Targeting Integrin Î±_V Î²₃ with Theranostic RGD-Camptothecin Conjugates Bearing a Disulfide Linker: Biological Evaluation Reveals a Complex Scenario. ChemistrySelect, 2017, 2, 4759-4766.	0.7	14
30	Use of the Trost Ligand in the Rutheniumâ€Catalyzed Asymmetric Hydrogenation of Ketones. ChemCatChem, 2017, 9, 3125-3130.	1.8	14
31	Frontispiece: Multivalency Increases the Binding Strength of RGD Peptidomimeticâ€Paclitaxel Conjugates to Integrin Î±_VÎ²₃. Chemistry - A European Journal, 2017, 23, .	1.7	0
32	Multivalency Increases the Binding Strength of RGD Peptidomimeticâ€Paclitaxel Conjugates to Integrin Î±_VÎ²₃. Chemistry - A European Journal, 2017, 23, 14410-14415.	1.7	27
33	Investigating the Interaction of Cyclic RGD Peptidomimetics with Î±VÎ²6 Integrin by Biochemical and Molecular Docking Studies. Cancers, 2017, 9, 128.	1.7	18
34	Asymmetric Hydrogenation of 3â€Substituted Pyridinium Salts. Chemistry - A European Journal, 2016, 22, 9528-9532.	1.7	29
35	Expanding the Catalytic Scope of (Cyclopentadienone)iron Complexes to the Hydrogenation of Activated Esters to Alcohols. ChemCatChem, 2016, 8, 3431-3435.	1.8	27
36	Riding the Wave of Monodentate Ligand Revival: From the A/B Concept to Noncovalent Interactions. Chemical Record, 2016, 16, 2544-2560.	2.9	3

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37	A Mixed Ligand Approach for the Asymmetric Hydrogenation of 2â€Substituted Pyridinium Salts. Advanced Synthesis and Catalysis, 2016, 358, 2589-2593.	2.1	18
38	Asymmetric Transfer Hydrogenation of Ketones with Modified Grubbs Metathesis Catalysts: On the Way to a Tandem Process. Advanced Synthesis and Catalysis, 2016, 358, 515-519.	2.1	8
39	Synthesis, Characterization, and Biological Evaluation of a Dualâ€Action Ligand Targeting Î±_vÎ²₃ Integrin and VEGF Receptors. ChemistryOpen, 2015, 4, 633-641.	0.9	25
40	Assisted Tandem Catalysis: Metathesis Followed by Asymmetric Hydrogenation from a Single Ruthenium Source. Advanced Synthesis and Catalysis, 2015, 357, 2223-2228.	2.1	16
41	Synthesis of (R)â€BINOLâ€Derived (Cyclopentadienone)iron Complexes and Their Application in the Catalytic Asymmetric Hydrogenation of Ketones. European Journal of Organic Chemistry, 2015, 2015, 5526-5536.	1.2	45
42	Synthesis of a 4â€Vinyltetrahydrocarbazole by Palladiumâ€Catalyzed Asymmetric Allylic Alkylation of Indoleâ€Containing Allylic Carbonates. European Journal of Organic Chemistry, 2015, 2015, 6669-6678.	1.2	16
43	?v?3 Integrin-Targeted Peptide/Peptidomimetic-Drug Conjugates: In-Depth Analysis of the Linker Technology. Current Topics in Medicinal Chemistry, 2015, 16, 314-329.	1.0	44
44	Cyclic isoDGR and RGD Peptidomimetics Containing Bifunctional Diketopiperazine Scaffolds are Integrin Antagonists. Chemistry - A European Journal, 2015, 21, 6265-6271.	1.7	33
45	Chiral (Cyclopentadienone)iron Complexes for the Catalytic Asymmetric Hydrogenation of Ketones. European Journal of Organic Chemistry, 2015, 2015, 1887-1893.	1.2	56
46	Synthesis and Biological Evaluation of RGD Peptidomimeticâ€“Paclitaxel Conjugates Bearing Lysosomally Cleavable Linkers. Chemistry - A European Journal, 2015, 21, 6921-6929.	1.7	48
47	Synthesis and biological evaluation of dual actioncyclo-RGD/SMAC mimetic conjugates targeting Î±_vÎ²₃/Î±_vÎ²₅integrins and IAP proteins. Organic and Biomolecular Chemistry, 2014, 12, 3288-3302.	1.5	19
48	Enantioselective synthesis of 1-vinyltetrahydroisoquinolines through palladium-catalysed intramolecular allylic amidation with chiral PhthalaPhos ligands. Tetrahedron: Asymmetry, 2014, 25, 844-850.	1.8	4
49	Cyclic isoDGR Peptidomimetics as Lowâ€Nanomolar Î±_vÎ²₃ Integrin Ligands. Chemistry - A European Journal, 2013, 19, 3563-3567.	1.7	28
50	Determination of the binding epitope of RGD-peptidomimetics to Î±vÎ²3 and Î±IIbÎ²3 integrin-rich intact cells by NMR and computational studies. Organic and Biomolecular Chemistry, 2013, 11, 3886.	1.5	22
51	Synthesis and Biological Evaluation (in Vitro and in Vivo) of Cyclic Arginineâ€“Glycineâ€“Aspartate (RGD) Peptidomimeticâ€“Paclitaxel Conjugates Targeting Integrin Î±_VÎ²₃. Journal of Medicinal Chemistry, 2012, 55, 10460-10474.	2.9	68
52	Cyclic RGD Peptidomimetics Containing Bifunctional Diketopiperazine Scaffolds as New Potent Integrin Ligands. Chemistry - A European Journal, 2012, 18, 6195-6207.	1.7	62
53	A Library Approach to the Development of BenzaPhos: Highly Efficient Chiral Supramolecular Ligands for Asymmetric Hydrogenation. Chemistry - A European Journal, 2012, 18, 10368-10381.	1.7	33
54	Inside Cover: Cyclic RGD Peptidomimetics Containing Bifunctional Diketopiperazine Scaffolds as New Potent Integrin Ligands (Chem. Eur. J. 20/2012). Chemistry - A European Journal, 2012, 18, 6106-6106.	1.7	0

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55	Rhodiumâ€Catalyzed Asymmetric Hydrogenation of Olefins with PhthalaPhos, a New Class of Chiral Supramolecular Ligands. Chemistry - A European Journal, 2012, 18, 1383-1400.	1.7	57
56	Stereoselectivity in (Z)-Vinylmetal Additions to the Dictyostatin C1-C9 Î²-Silyloxy Aldehyde. European Journal of Organic Chemistry, 2012, 2012, 144-153.	1.2	2
57	Supramolecular ligandâ€“ligand and ligandâ€“substrate interactions for highly selective transition metal catalysis. Dalton Transactions, 2011, 40, 4355.	1.6	115
58	Bifunctional 2,5â€Diketopiperazines as Rigid Threeâ€Dimensional Scaffolds in Receptors and Peptidomimetics. European Journal of Organic Chemistry, 2011, 2011, 217-228.	1.2	45
59	Highly Stereoselective Total Synthesis of (+)â€9â€epiâ€Dictyostatin and (â€“)â€12,13â€Bisâ€epiâ€dictyostatin. European Journal of Organic Chemistry, 2011, 2011, 2643-2661.	1.2	16
60	Total Synthesis of (+)â€7,11â€Helianane and (+)â€5â€Chloroâ€7,11â€helianane through Stereoselective Aromatic Claisen Rearrangement. European Journal of Organic Chemistry, 2011, 2011, 6794-6801.	1.2	19
61	Bifunctional 2,5â€Diketopiperazines as Efficient Organocatalysts for the Enantioselective Conjugate Addition of Aldehydes to Nitroolefins. European Journal of Organic Chemistry, 2011, 2011, 5599-5607.	1.2	26
62	A Highly Stereoselective Total Synthesis of (+)â€9â€epiâ€Dictyostatin. European Journal of Organic Chemistry, 2010, 2010, 5767-5771.	1.2	9
63	PhthalaPhos: Chiral Supramolecular Ligands for Enantioselective Rhodiumâ€Catalyzed Hydrogenation Reactions. Angewandte Chemie - International Edition, 2010, 49, 6633-6637.	7.2	50
64	Selective O-acylation of unprotected N-benzylserine methyl ester and O,N-acyl transfer in the formation of cyclo[Asp-Ser] diketopiperazines. Tetrahedron, 2010, 66, 9528-9531.	1.0	9
65	A Straightforward Total Synthesis of (â^')â€Chaetominine. Chemistry - A European Journal, 2009, 15, 7922-7929.	1.7	43
66	Cyclic RGDâ€Peptidomimetics Containing Bifunctional Diketopiperazine Scaffolds as New Potent Integrin Ligands. Chemistry - A European Journal, 2009, 15, 12184-12188.	1.7	58
67	The Italian Chemical Society Is 100 Years Old (Eur. J. Org. Chem. 18/2009). European Journal of Inorganic Chemistry, 2009, 2009, 2567-2569.	1.0	0
68	Combinations of Acidic and Basic Monodentate Binaphtholic Phosphites as Supramolecular Bidentate Ligands for Enantioselective Rhâ€Catalyzed Hydrogenations. European Journal of Organic Chemistry, 2009, 2009, 2539-2547.	1.2	36
69	The Italian Chemical Society Is 100 Years Old (Eur. J. Org. Chem. 19/2009). European Journal of Organic Chemistry, 2009, 2009, 3095-3097.	1.2	1
70	Chiral (salen)Co(III)(N-benzyl-l-serine)-derived phosphites: monodentate P-ligands for enantioselective catalytic applications. Tetrahedron: Asymmetry, 2009, 20, 1185-1190.	1.8	7
71	Combination of a binaphthol-derived phosphite and a C1-symmetric phosphinamine generates heteroleptic catalysts in Rh- and Pd-mediated reactions. Chemical Communications, 2009, , 3539.	2.2	29
72	Resolution of Racemic Nâ€Benzyl Î±â€Amino Acids by Liquidâ€Liquid Extraction: A Practical Method Using a Lipophilic Chiral Cobalt(III) Salen Complex and Mechanistic Studies. European Journal of Organic Chemistry, 2008, 2008, 1253-1264.	1.2	38

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73	Highly enantioselective Rh-catalyzed hydrogenations with heterocombinations of pentafluorobenzyl- and methoxybenzyl-derived binaphthyl phosphites. Tetrahedron Letters, 2008, 49, 755-759.	0.7	28
74	Synthesis and Conformational Studies of Peptidomimetics Containing a New Bifunctional Diketopiperazine Scaffold Acting as a Î²-Hairpin Inducer. Journal of Organic Chemistry, 2008, 73, 652-660.	1.7	47
75	A Practical Synthesis of the C1-C9 Fragment of Dictyostatin. Synthesis, 2008, 2008, 2158-2162.	1.2	4
76	Enantioselective Rh-Catalyzed Addition of Arylboronic Acids to N-Tosylarylimines. Synlett, 2007, 2007, 2213-2216.	1.0	7
77	Natural products with taxol-like anti-tumor activity: Synthetic approaches to eleutherobin and dictyostatin. Pure and Applied Chemistry, 2007, 79, 173-180.	0.9	40
78	Efficient resolution of racemic N-benzyl Î²3-amino acids by iterative liquidâ€“liquid extraction with a chiral (salen)cobalt(iii) complex as enantioselective selector. Organic and Biomolecular Chemistry, 2007, 5, 3464.	1.5	14
79	A highly stereoselective synthesis of the C10â€“C23 fragment of (â€“)-dictyostatin. Chemical Communications, 2007, , 4271.	2.2	23
80	Rh-Catalyzed Enantioselective Conjugate Addition of Arylboronic Acids with a Dynamic Library of Chiraltropos Phosphorus Ligands. Chemistry - A European Journal, 2007, 13, 1547-1558.	1.7	73
81	Synthesis of the C15â€“C23 fragment of dictyostatin using a highly stereoselective Carreira alkynylation. Tetrahedron, 2007, 63, 5873-5878.	1.0	21
82	Rhodium-catalyzed asymmetric reactions with a dynamic library of chiral tropos phosphorus ligands. Pure and Applied Chemistry, 2006, 78, 303-310.	0.9	26
83	Bicyclic carbohydrate-derived scaffolds for combinatorial libraries. Bioorganic and Medicinal Chemistry, 2006, 14, 3349-3367.	1.4	25
84	Enantioselective cyanosilylation of aldehydes catalysed by a diastereomeric mixture of atropisomeric thioureas. Tetrahedron: Asymmetry, 2006, 17, 999-1006.	1.8	28
85	A Formal Total Synthesis of Eleutherobin Using the Ring-Closing Metathesis (RCM) Reaction of a Densely Functionalized Diene as the Key Step: Investigation of the Unusual Kinetically Controlled RCM Stereochemistry. Chemistry - A European Journal, 2006, 12, 51-62.	1.7	49
86	A Practical Approach to the Resolution of RacemicN-Benzyl Î±-Amino Acids by Liquidâ€“Liquid Extraction with a Lipophilic Chiral Salenâ€“Cobalt(III) Complex. Angewandte Chemie - International Edition, 2006, 45, 2449-2453.	7.2	70
87	Synthesis of novel, simplified, C-7 substituted eleutheside analogues with potent microtubule-stabilizing activity. Tetrahedron, 2005, 61, 2123-2139.	1.0	26
88	Copper-Catalysed, Enantioselective Desymmetrisation ofmeso Cyclic Allylic Bis(diethyl phosphates) with Organozinc Reagents. European Journal of Organic Chemistry, 2005, 2005, 895-906.	1.2	25
89	A Formal Total Synthesis of Eleutherobin Through an Unprecedented Kinetically Controlled Ring-Closing-Metathesis Reaction of a Densely Functionalized Diene. Angewandte Chemie - International Edition, 2005, 44, 588-591.	7.2	46
90	Rh-Catalyzed Asymmetric Hydrogenation of Prochiral Olefins with a Dynamic Library of Chiral TROPOS Phosphorus Ligands. Chemistry - A European Journal, 2005, 11, 6701-6717.	1.7	86

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91	Copper-Catalyzed, Enantioselective Desymmetrization of meso Cyclic Allylic Bis(diethyl phosphates) with Organozinc Reagents.. ChemInform, 2005, 36, no.	0.1	0
92	Enantioselective conjugate addition of phenylboronic acid to enones catalysed by a chiral tropos/atropos rhodium complex at the coalescence temperature. Chemical Communications, 2005, , 5281.	2.2	46
93	A Modular Approach to a New Class of Monodentate Chiral Phosphorus Ligands and Their Application in Enantioselective Copper-Catalysed Conjugate Additions of Diethylzinc to Cyclohexenone. European Journal of Organic Chemistry, 2004, 2004, 3557-3565.	1.2	13
94	Copper Phosphoramidite-Catalyzed Enantioselective Desymmetrization of meso-Cyclic Allylic Bisdiethyl Phosphates. ChemInform, 2004, 35, no.	0.1	0
95	Rh-catalysed asymmetric hydrogenations with a dynamic library of chiral tropos phosphorus-ligands. Tetrahedron Letters, 2004, 45, 6859-6862.	0.7	40
96	Copper catalysed 1,4-addition of organozinc reagents to Î±,Î²-unsaturated carbonyl compounds: a mechanistic investigation. Journal of Organometallic Chemistry, 2004, 689, 2169-2176.	0.8	21
97	Copper Phosphoramidite-Catalyzed Enantioselective Desymmetrization ofmeso-Cyclic Allylic Bisdiethyl Phosphates. Organic Letters, 2003, 5, 4493-4496.	2.4	46
98	Effects of allylic and homoallylic substituents on the ring closing metathesis reaction used to synthesise simplified eleuthesides. Tetrahedron Letters, 2003, 44, 7913-7919.	0.7	49
99	Title is missing!. Angewandte Chemie, 2003, 115, 244-246.	1.6	23
100	Synthesis and Screening of New Chiral Ligands for the Copper-Catalyzed Enantioselective Allylic Substitution.. ChemInform, 2003, 34, no.	0.1	0
101	A Catalytic and Enantioselective Desymmetrization of meso Cyclic Allylic Bisdiethylphosphates with Organozinc Reagents.. ChemInform, 2003, 34, no.	0.1	0
102	Combinatorial Libraries of Chiral Ligands for Enantioselective Catalysis. ChemInform, 2003, 34, no.	0.1	0
103	A Catalytic and Enantioselective Desymmetrization of meso Cyclic Allylic Bisdiethylphosphates with Organozinc Reagents. Angewandte Chemie - International Edition, 2003, 42, 234-236.	7.2	81
104	Synthesis of novel simplified sarcodictyin/eleutherobin analogs with potent microtubule-stabilizing activity, using ring closing metathesis as the key-step. Tetrahedron, 2003, 59, 8803-8820.	1.0	41
105	Synthesis of novel simplified eleutheside analogues with potent microtubule-stabilizing activity, using ring-closing metathesis as the key-step. Tetrahedron Letters, 2003, 44, 681-684.	0.7	24
106	Combinatorial Libraries of Chiral Ligands for Enantioselective Catalysis. Chemical Reviews, 2003, 103, 3071-3100.	23.0	271
107	Synthesis and Screening of New Chiral Ligands for the Copper-Catalysed Enantioselective Allylic Substitution. Helvetica Chimica Acta, 2002, 85, 3388-3399.	1.0	37
108	Cyclative cleavage via solid-phase supported stabilized sulfur ylides: synthesis of macrocyclic lactones. Tetrahedron Letters, 2002, 43, 761-766.	0.7	33

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109	Enantioselective binding of dipeptides using acyclic receptors. Chemical Communications, 2001, , 1358-1359.	2.2	17
110	A carbonylative cross-coupling strategy to the total synthesis of the sarcodictyins: preliminary studies and synthesis of a cyclization precursor. Tetrahedron Letters, 2001, 42, 7421-7425.	0.7	32
111	Synthesis of a simplified sarcodictyin analogue which retains microtubule stabilising properties. Tetrahedron Letters, 2001, 42, 9187-9190.	0.7	33
112	Synthetic studies on the sarcodictyins: synthesis of fully functionalized cyclization precursors. Tetrahedron, 2001, 57, 8531-8542.	1.0	38
113	Optimization of New Chiral Ligands for the Copper-Catalysed Enantioselective Conjugate Addition of Et2Zn to Nitroolefins by High-Throughput Screening of a Parallel Library. European Journal of Organic Chemistry, 2001, 2001, 803-807.	1.2	43
114	Synthesis, Conformational Studies and Binding Properties of Acyclic Receptors for N-Protected Amino Acids and Dipeptides. European Journal of Organic Chemistry, 2001, 2001, 4625.	1.2	9
115	Discovery of a New Efficient Chiral Ligand for Copper-Catalyzed Enantioselective Michael Additions by High-Throughput Screening of a Parallel Library. Chemistry - A European Journal, 2001, 7, 2628-2634.	1.7	59
116	Discovery of a New Efficient Chiral Ligand for Copper-Catalyzed Enantioselective Michael Additions by High-Throughput Screening of a Parallel Library. Angewandte Chemie - International Edition, 2000, 39, 916-918.	7.2	79
117	Rationally Designed Bicyclic Lactams Control Different Turn Motifs and Folding Patterns in Hexapeptide Mimics. , 2000, 2000, 695-699.		16
118	Effect of Ligands and Additives on the Palladium-Promoted Carbonylative Coupling of Vinyl Stannanes and Electron-Poor Enol Triflates. Journal of Organic Chemistry, 2000, 65, 6254-6256.	1.7	85
119	Synthetic studies on sarcodictyins and eleutherobin: Synthesis of fully functionalized cyclization precursors. Tetrahedron Letters, 1999, 40, 153-156.	0.7	41
120	A trifunctional steroid-based scaffold for combinatorial chemistry. Tetrahedron Letters, 1999, 40, 2849-2852.	0.7	52
121	Ureas: New efficient Lewis base catalysts for the allylation of aldehydes. Tetrahedron Letters, 1999, 40, 3633-3634.	0.7	52
122	Novel reverse-turn mimics inhibit farnesyl transferase. Bioorganic and Medicinal Chemistry Letters, 1999, 9, 847-852.	1.0	9
123	Solid-Phase Synthesis of Peptides Containing Reverse-Turn Mimetic Bicyclic Lactams. , 1999, 1999, 379-388.		17
124	Conformational Preferences of Peptides Containing Reverse-Turn Mimetic Bicyclic Lactams: Inverse Î³-Turns versus Type-IIâ€² Î²-Turns â€“ Insights into Î²-Hairpin Stability. , 1999, 1999, 389-400.		92
125	Synthesis of Chiral Vinylogous Sulfonamidopeptides (vs-Peptides). , 1998, 1998, 945-959.		17
126	Synthesis of Combinatorial Libraries of Vinylogous Sulfonamidopeptides (vs-Peptides). , 1998, 1998, 2437-2449.		17

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127	Hydrogen-Bonding Donor/Acceptor Scales inÎ²-Sulfonamidopeptides. Chemistry - A European Journal, 1998, 4, 1924-1931.	1.7	55
128	Stereocontrolled synthesis of polyketide libraries: Boron-mediated aldol reactions with aldehydes on solid support. Tetrahedron, 1998, 54, 14999-15016.	1.0	37
129	Investigation of a New Family of Chiral Ligands for Enantioselective Catalysis via Parallel Synthesis and High-Throughput Screening. Journal of Organic Chemistry, 1998, 63, 5312-5313.	1.7	114
130	Hydrogen-Bonding Donor/Acceptor Scales in Î²-Sulfonamidopeptides. , 1998, 4, 1924.		1
131	Computer-Assisted Design and Synthetic Applications of Chiral Enol Borinates: Novel, Highly Enantioselective Aldol Reagents. Journal of the Brazilian Chemical Society, 1998, 9, .	0.6	3
132	Rationally designed chiral enol borinates: Powerful reagents for the stereoselective synthesis of natural products. Pure and Applied Chemistry, 1997, 69, 507-512.	0.9	10
133	Taxol Semisynthesis:â€‰ A Highly Enantio- and Diastereoselective Synthesis of the Side Chain and a New Method for Ester Formation at C-13 Using Thioesters. Journal of Organic Chemistry, 1997, 62, 4746-4755.	1.7	40
134	Highly enantio- and diastereoselective boron aldol reactions of Î±-heterosubstituted thioacetates with aldehydes and silyl imines. Tetrahedron, 1997, 53, 5909-5924.	1.0	42
135	Reagent control in the aldol addition reaction of chiral boron enolates with chiral aldehydes. Total synthesis of (3S,4S)-Statine. Tetrahedron, 1997, 53, 5593-5608.	1.0	21
136	Computational studies on the aldol-type addition of boron enolates to imines: An ab-initio approach. Tetrahedron, 1997, 53, 7705-7714.	1.0	14
137	Combinatorial Libraries: Studies in Molecular Recognition and the Quest for New Catalysts. Liebigs Annalen, 1997, 1997, 637-647.	0.8	66
138	Semisynthese von Taxol: eine hochenantioâ€•und â€‹diastereoselektive Synthese der Seitenkette und eine neue Methode zur Esterbildung an C13 unter Verwendung von Thioestern. Angewandte Chemie, 1996, 108, 1809-1812.	1.6	6
139	Conformational Studies of Chiral Vinylogous Sulfonamidopeptides. Chemistry - A European Journal, 1996, 2, 644-655.	1.7	50
140	Semisynthesis of Taxol: A Highly Enantio- and Diastereoselective Synthesis of the Side Chain and a New Method for Ester Formation at C13 Using Thioesters. Angewandte Chemie International Edition in English, 1996, 35, 1723-1725.	4.4	22
141	Boron aldol reaction of Î±-halosubstitued thioacetates with silyl imines: A highly enantio- and diastereoselective synthesis of aziridines. Tetrahedron Letters, 1996, 37, 3747-3750.	0.7	27
142	A new method for the solution and solid phase synthesis of chiral Î²-sulfonopeptides under mild conditions. Tetrahedron Letters, 1996, 37, 8589-8592.	0.7	61
143	Festphasensynthese von vinylogen Sulfonylpeptiden. Angewandte Chemie, 1995, 107, 1892-1893.	1.6	12
144	Synthetische Rezeptoren aus vinylogen Sulfonylpeptiden. Angewandte Chemie, 1995, 107, 1894-1896.	1.6	17

#	Article	IF	Citations
145	Solid-Phase Synthesis of Vinylogous Sulfonyl Peptides. Angewandte Chemie International Edition in English, 1995, 34, 1763-1765.	4.4	51
146	Synthetic Receptors Based on Vinylogous Sulfonyl Peptides. Angewandte Chemie International Edition in English, 1995, 34, 1765-1768.	4.4	66
147	The rational design and systematic analysis of asymmetric aldol reactions using enol borinates: Applications of transition state computer modelling. Tetrahedron: Asymmetry, 1995, 6, 2613-2636.	1.8	115
148	Mechanistic insights from ab initio calculations on a nitrogen analogue of the boron-mediated aldol reaction. Tetrahedron, 1995, 51, 4853-4866.	1.0	12
149	Origins of stereoselectivity in the addition of allyl- and crotylboronates to aldehydes: The development and application of a force field model of the transition state. AIP Conference Proceedings, 1995, , .	0.3	0
150	Reagent Control in the Aldol Addition Reaction of Chiral Boron Enolates with Chiral .alpha.-Amino Aldehydes. Total Synthesis of (3S,4S)-Statine. Journal of Organic Chemistry, 1995, 60, 6248-6249.	1.7	48
151	Reagent control in the aldol addition reaction of chiral boron enolates with chiral aldehydes. Tetrahedron Letters, 1994, 35, 4623-4626.	0.7	20
152	A highly enantio- and diastereoselective aldol reaction for Î±-heterosubstituted thioacetates. Tetrahedron Letters, 1994, 35, 4857-4860.	0.7	17
153	Computer-assisted design of chiral boron enolates: The role of ate complexes in determining aldol stereoselectivity.. Tetrahedron, 1994, 50, 1227-1242.	1.0	17
154	Origins of stereoselectivity in the addition of allyl- and crotylboronates to aldehydes : the development and application of a force field model of the transition state. Tetrahedron, 1994, 50, 8815-8826.	1.0	32
155	Synthesis of Sulfonamido-Pseudopeptides: New Chiral Unnatural Oligomers. Angewandte Chemie International Edition in English, 1994, 33, 2067-2069.	4.4	142
156	Synthese von Sulfonamidâ€Pseudopeptiden: neue chirale synthetische Oligomere. Angewandte Chemie, 1994, 106, 2181-2183.	1.6	23
157	Computer-Assisted Design of Chiral Boron Enolates: A Novel, Highly Enantioselective Aldol Reaction for Thioacetates and Thiopropionates. Angewandte Chemie International Edition in English, 1993, 32, 1618-1621.	4.4	39
158	Origins of Ï€-face selectivity in the aldol reactions of chiral E-enol borinates: a computational study using transition state modelling.. Tetrahedron, 1993, 49, 685-696.	1.0	51
159	Stereoselective radical-mediated cyclization of norephedrine derived o-bromobenzamides: Enantioselective synthesis of 4-substituted 1,2,3,4-tetrahydroisoquinolines. Tetrahedron: Asymmetry, 1993, 4, 273-280.	1.8	25
160	Origins of stereoselectivity in the addition of chiral allyl- and crotylboranes to aldehydes: the development and application of a force field model of the transition state. Journal of Organic Chemistry, 1993, 58, 1711-1718.	1.7	29
161	ComputerunterstÃ¼tztes Design von chiralen Borenolaten: Eine neue, hoch enantioselektive Aldolreaktion fÃ¼r Thioacetate und Thiopropionate. Angewandte Chemie, 1993, 105, 1717-1719.	1.6	10
162	The rational design of highly stereoselective boron enolates using transition-state computer modeling: a novel, asymmetric anti aldol reaction for ketones. Journal of Organic Chemistry, 1992, 57, 5173-5177.	1.7	55

#	Article	IF	Citations
163	A computational study of the 1,4-addition of lithium enolates to conjugated carbonyl compounds. Journal of Organic Chemistry, 1992, 57, 7029-7034.	1.7	22
164	Diastereofacial selectivity in the aldol reactions of chiral Î±-methyl aldehydes: a computer modelling approach.. Tetrahedron, 1992, 48, 4439-4458.	1.0	50
165	Stereoselective radical-mediated cyclization of norephdrine derived Î±-iodoamides: synthesis of enantiopure pyrrolidines and trandition state modelling1. Tetrahedron, 1992, 48, 3945-3960.	1.0	32
166	Developing a force field for the transition state of the aldol reaction of enolborinates: Evaluation of the use of fixed point charges.. Tetrahedron, 1992, 48, 4183-4192.	1.0	18
167	Titanium tetrachloride-mediated enantioselective synthesis of trans Î²-lactones. Tetrahedron, 1992, 48, 5557-5564.	1.0	81
168	Asymmetric Synthesis with Enol Ethers. , 1991, , 629-660.		40
169	Acceleration of hemiacetal cleavage through hydrogen bonding: a new synthetic catalyst with balanced conformational flexibility and preorganization. Journal of Organic Chemistry, 1991, 56, 3201-3203.	1.7	11
170	A computational study of the 1,4-addition of lithium enolates to conjugated carbonyl compounds.. Tetrahedron Letters, 1991, 32, 823-826.	0.7	14
171	Origins of stereoselectivity in chiral boron enolate aldol reactions: A computational study using transition state modellings. Tetrahedron, 1991, 47, 3471-3484.	1.0	46
172	Stereoselective radical-mediated cyclization of norephedrine derived Î±-iodoamides: Experiments and TS-modelling. Tetrahedron: Asymmetry, 1991, 2, 793-796.	1.8	16
173	1,4-addition to Î±,Î²-unsaturated carbonyl compounds bearing a Î³-stereocenter: A molecular mechanics model for steric interactions in the transition state.. Tetrahedron: Asymmetry, 1990, 1, 21-32.	1.8	36
174	Stereoselective aldol reactions of Î³-thiobutyrolactone: The benzaldehyde anomaly.. Tetrahedron Letters, 1990, 31, 2453-2456.	0.7	6
175	Peptide bond formation using an enzyme mimicking approach. Tetrahedron, 1990, 46, 7289-7300.	1.0	14
176	Peptide bond formation using an enzyme mimicking approach. Tetrahedron Letters, 1990, 31, 2929-2932.	0.7	5
177	Transition-state modeling of the aldol reaction of boron enolates: a force field approach. Journal of Organic Chemistry, 1990, 55, 3576-3581.	1.7	69
178	Auxiliary structure and asymmetric induction in the â€œMukaiyama-aldolâ€•reactions of chiral silyl ketene acetals. Tetrahedron Letters, 1989, 30, 5163-5166.	0.7	30
179	Asymmetric synthesis of 34--substituted Î²-lactams via chiral norephedrine-derived oxazolidines.. Tetrahedron, 1989, 45, 7397-7404.	1.0	22
180	Chelation controlled aldol additions of the enolsilane derived from tert-butyl thioacetate : a stereosetective approach to 1Î²-methylthienamycin. Tetrahedron, 1988, 44, 5965-5974.	1.0	41

#	Article	IF	Citations
181	Asymmetric synthesis of functionalized Î± -amino-Î²-hydroxy acids via chiral norephedrine-derived oxazolidines. Tetrahedron, 1988, 44, 5563-5572.	1.0	48
182	TiCl4-mediated reactions of silyl ketene acetals derived from n-methylephedrine esters:asymmetric synthesis ofÎ²-lactams. Tetrahedron, 1988, 44, 4221-4232.	1.0	41
183	Chelation-controlled enantioselective synthesis of key intermediates for the preparation of carbapenem antibiotics PS-5 and 1.beta.-methyl-PS-5. Journal of Organic Chemistry, 1988, 53, 4015-4021.	1.7	45
184	Titanium chloride-mediated reactions of the silyl ketene acetals derived from N-methylephedrine esters: an asymmetric variant of the Mukaiyama reaction. Journal of Organic Chemistry, 1987, 52, 2754-2760.	1.7	64
185	Stereoselectivity of intramolecular nitrile oxide cycloadditions to Z and E chiral alkenes. Journal of Organic Chemistry, 1987, 52, 4674-4681.	1.7	54
186	Asymmetric synthesis of trans- Î² -lactams through TiCl4-mediated addition to imines.. Tetrahedron Letters, 1987, 28, 227-230.	0.7	111
187	Theoretical studies of stereoselective aldol condensations. Journal of Organic Chemistry, 1986, 51, 612-616.	1.7	36
188	Asymmetric electrophilic amination: synthesis of .alpha.-amino and .alpha.-hydrazino acids with high optical purity. Journal of the American Chemical Society, 1986, 108, 6394-6395.	6.6	217
189	Lewis acid mediated aldol condensations using thioester silyl ketene acetals. Tetrahedron, 1986, 42, 893-909.	1.0	87
190	Improved enantioselective synthesis of anti Î±-methyl-Î²-hydroxyesters through TiCl4-PPh3 mediated aldol condensation. Tetrahedron Letters, 1986, 27, 1735-1738.	0.7	63
191	High diastereoselectivity in lewis acid mediated aldol condensations using thioester silyl ketene acetals.. Tetrahedron Letters, 1985, 26, 797-800.	0.7	33
192	Stereoselective aldol reactions using ticl4 as stereochemical template. Tetrahedron Letters, 1985, 26, 4129-4132.	0.7	26
193	Asymetric dihydroxylations via chiral oxazolidines. Tetrahedron Letters, 1985, 26, 5459-5462.	0.7	39
194	Lewis acid promoted aldol additions of Î±-thiosilylketeneacetals to Î±-alkoxy aldehydes: diastereoselective synthesis of -Î±-methylene-Î²-hydroxy-âˆ,-alkoxy esters.. Tetrahedron Letters, 1985, 26, 6509-6512.	0.7	16
195	Stereoselective aldol additions to Î±-alkoxy aldehydes using thioester silyl ketene acetals,. Tetrahedron Letters, 1985, 26, 2373-2376.	0.7	27
196	Chiral Î±-sulphinyl hydrazones as effective reagents for stereoselective aldol-type condensation. Journal of the Chemical Society Perkin Transactions 1, 1985, , 251-254.	0.9	12
197	Enantioselective synthesis of anti-.alpha.-methyl-.beta.-hydroxy esters through titanium tetrachloride-mediated aldol condensation. Journal of the American Chemical Society, 1985, 107, 5812-5813.	6.6	79
198	Synthetic opportunities offered by anti .alpha.-methylene-.beta.-hydroxy-.gamma.-alkoxy esters: stereoselective reactions at the double bond. Journal of Organic Chemistry, 1985, 50, 4442-4447.	1.7	48

#	Article	IF	Citations
199	Enantioselective Synthesis of (-)-(R)-5-Hydroxy-1-(4-hydroxy-3-methoxyphenyl)-3-decanone [(-)-(R)-[6]-Gingerol]. Synthesis, 1984, 1984, 702-703.	1.2	13
200	Stereoselective aldol condensations via alkenyloxy dialkoxyboranes : mechanistic and stereochemical details. Tetrahedron, 1984, 40, 4051-4058.	1.0	27
201	Stereoselective aldol condensations via alkenyloxy dialkoxyboranes: synthetic applications using thioesters. Tetrahedron, 1984, 40, 4059-4065.	1.0	40
202	Enolboronates: New practical reagents for regioselective aldol condensations.. Tetrahedron Letters, 1984, 25, 2279-2282.	0.7	24
203	Stereoselective aldol condensations via enolboronates.. Tetrahedron Letters, 1984, 25, 2283-2286.	0.7	33
204	High diastereoface selection in an ester enolate addition to .alpha.-alkoxy aldehydes: stereoselective synthesis of .alpha.-methylene-.beta.-hydroxy-.gamma.-alkoxy esters. Journal of Organic Chemistry, 1984, 49, 3784-3790.	1.7	60
205	CONFORMATIONAL CONTROL IN NATURAL PRODUCTS SYNTHESIS. , 1984, , 199-209.		0
206	Direct synthesis of Z-unsaturated esters. A useful modification of the horner-emmons olefination.. Tetrahedron Letters, 1983, 24, 4405-4408.	0.7	1,024
207	Stereoselective synthesis of Î±-methylene-Î²-hydroxy-Î³-alkoxy esters from Î±-alkoxy aldehydes. Journal of the Chemical Society Chemical Communications, 1983, , 1112-1113.	2.0	9
208	2-Benzoylamino-2-deoxy-2-hydroxymethyl-D-hexono-1,4-lactones: synthesis from D-fructose and utilization in the total synthesis of thermozymocidin (myriocin). Journal of the Chemical Society Perkin Transactions 1, 1983, , 1613.	0.9	38
209	Biosynthesis of austdiol and synthesis of a deuterium labelled biogenetic precursor. Journal of the Chemical Society Perkin Transactions 1, 1983, , 2745.	0.9	2
210	Stereospecific Synthesis of Chiral Î±-Sulfinylhydrazones. Synthesis, 1982, 1982, 829-831.	1.2	30
211	6-Farnesyl-5,7-dihydroxy-4-methylphthalide oxidation mechanism in mycophenolic acid biosynthesis. Journal of the Chemical Society Perkin Transactions 1, 1982, , 365.	0.9	19
212	Total synthesis of (+)-thermozymocidin (myriocin) from D-fructose. Journal of the Chemical Society Chemical Communications, 1982, , 488.	2.0	35
213	Detection of one symmetrical precursor during the biosynthesis of the fungal metabolite austdiol using [1,2-13C2]acetate and [Me-13C]methionine. Journal of the Chemical Society Chemical Communications, 1981, , 575.	2.0	8
214	Chiral acyl anion and enolonium ion equivalents. Asymmetric synthesis of Î±-methoxy-aldehydes. Journal of the Chemical Society Perkin Transactions 1, 1981, , 1278-1283.	0.9	35
215	Chiral acyl anion equivalents: asymmetric synthesis of 11-deoxy-ent-prostaglandin intermediates. Journal of the Chemical Society Perkin Transactions 1, 1981, , 1284.	0.9	24
216	Chiral Formyl-Group Equivalents: Conjugate Addition to Î±,Î²-Unsaturated Ketones. Synthesis, 1981, 1981, 74-76.	1.2	21

#	Article	IF	Citations
217	Biosynthesis of citrinin and synthesis of its biogenetic precursors. Journal of the Chemical Society Perkin Transactions 1, 1981, , 2594.	0.9	21
218	Biosynthesis of cochlioquinones. Journal of the Chemical Society Perkin Transactions 1, 1980, , 2686.	0.9	9
219	Biosynthesis of ascochitine and synthesis of its biogenetic precursors. Journal of the Chemical Society Perkin Transactions 1, 1980, , 2549.	0.9	10
220	Biosynthetic origin and revised structure of ascochitine, a phytotoxic fungal metabolite. Incorporation of [1-13C]- and [1,2-13C2]-acetates and [Me-13C]methionine. Journal of the Chemical Society Perkin Transactions 1, 1980, , 675.	0.9	19
221	Acetogenin synthesis. Organocopper reagents, anions of 1,3-dithians and of protected cyanohydrins as intermediates in ketide side-chain synthesis. Journal of the Chemical Society Perkin Transactions 1, 1980, , 136.	0.9	17
222	Biosynthesis of citrinin. Journal of the Chemical Society Chemical Communications, 1980, , 1132.	2.0	7
223	Biosynthesis of ascochitine: incorporation studies with advanced precursors. Journal of the Chemical Society Chemical Communications, 1979, , 492.	2.0	4
224	Chiral acyl anion equivalents: asymmetric synthesis of Î±-methoxytolualdehyde. Journal of the Chemical Society Chemical Communications, 1979, , 591-592.	2.0	34
225	(E,E)-10-(1,3-Dihydro-4,6-dihydroxy-7-methyl-3-oxoisobenzofuran-5-yl)4,8-dimethyldeca-4,8-dienoic acid: total synthesis and role in mycophenolic acid biosynthesis. Journal of the Chemical Society Chemical Communications, 1979, , 1021.	2.0	18
226	Biosynthesis of cochlioquinones. Journal of the Chemical Society Chemical Communications, 1978, , 679.	2.0	4
227	Synthesis of tertiary acyloins using acyl anions formed from 1,3-dithians. Total synthesis of (Â±)-(2E)-1,7-dihydroxy-3,7,11-trimethyl-dodeca-2,10-dien-6-one. Journal of the Chemical Society Perkin Transactions 1, 1978, , 1036-1041.	0.9	10
228	Biosynthesis of mycophenolic acid. Oxidation of 6-farnesyl-5,7-dihydroxy-4-methylphthalide in a cell-free preparation from Penicillium brevicompactum. Journal of the Chemical Society Chemical Communications, 1978, , 434.	2.0	8