Nobutaka Fujii

List of Publications by Year
in descending order

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281	16,149	13099 68	22166 113
papers	citations	h-index	g-index

296	296	296	14135
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	G-CSF induces stem cell mobilization by decreasing bone marrow SDF-1 and up-regulating CXCR4. Nature Immunology, 2002, 3, 687-694.	14.5	1,215
2	Stromal cellâ€“derived factor 1/CXCR4 signaling is critical for the recruitment of mesenchymal stem cells to the fracture site during skeletal repair in a mouse model. Arthritis and Rheumatism, 2009, 60, 813-823.	6.7	499
3	A Small Molecule CXCR4 Inhibitor that Blocks T Cell Lineâ€“tropic HIV-1 Infection. Journal of Experimental Medicine, 1997, 186, 1389-1393.	8.5	391
4	CXCL12 expression by invasive trophoblasts induces the specific migration of CD16â€“ human natural killer cells. Blood, 2003, 102, 1569-1577.	1.4	326
5	A Low-Molecular-Weight Inhibitor against the Chemokine Receptor CXCR4: A Strong Anti-HIV Peptide T140. Biochemical and Biophysical Research Communications, 1998, 253, 877-882.	2.1	297
6	Small peptide inhibitors of the CXCR4 chemokine receptor (CD184) antagonize the activation, migration, and antiapoptotic responses of CXCL12 in chronic lymphocytic leukemia B cells. Blood, 2005, 106, 1824-1830.	1.4	275
7	Functional expression of CXCR4 (CD184) on small-cell lung cancer cells mediates migration, integrin activation, and adhesion to stromal cells. Oncogene, 2003, 22, 8093-8101.	5.9	255
8	T140 analogs as CXCR4 antagonists identified as anti-metastatic agents in the treatment of breast cancer. FEBS Letters, 2003, 550, 79-83.	2.8	252
9	CXCR4 chemokine receptor and integrin signaling co-operate in mediating adhesion and chemoresistance in small cell lung cancer (SCLC) cells. Oncogene, 2005, 24, 4462-4471.	5.9	249
10	Bioluminescence Resonance Energy Transfer Reveals Ligand-induced Conformational Changes in CXCR4 Homo- and Heterodimers. Journal of Biological Chemistry, 2005, 280, 9895-9903.	3.4	231
11	CXCL12-CXCR4 Engagement Is Required for Migration of Cutaneous Dendritic Cells. American Journal of Pathology, 2007, 171, 1249-1257.	3.8	227
12	A Point Mutation That Confers Constitutive Activity to CXCR4 Reveals That T140 Is an Inverse Agonist and That AMD3100 and ALX40-4C Are Weak Partial Agonists. Journal of Biological Chemistry, 2002, 277, 24515-24521.	3.4	222
13	Palladium-Catalyzed sp³ Câ€”H Activation of Simple Alkyl Groups: Direct Preparation of Indoline Derivatives from N-Alkyl-2-bromoanilines. Organic Letters, 2008, 10, 1759-1762.	4.6	193
14	Molecular-Size Reduction of a Potent CXCR4-Chemokine Antagonist Using Orthogonal Combination of Conformation- and Sequence-Based Libraries. Angewandte Chemie - International Edition, 2003, 42, 3251-3253.	13.8	189
15	Elevated Serum Levels of Stromal-Derived Factor-1Î± Are Associated with Increased Osteoclast Activity and Osteolytic Bone Disease in Multiple Myeloma Patients. Cancer Research, 2005, 65, 1700-1709.	0.9	186
16	Direct Synthesis of Fused Indoles by Gold-Catalyzed Cascade Cyclization of Diynes. Journal of Organic Chemistry, 2011, 76, 1212-1227.	3.2	165
17	Remodeling of gp41-C34 Peptide Leads to Highly Effective Inhibitors of the Fusion of HIV-1 with Target Cells We thank Dr. Terrence R. Burke, Jr., NCI, NIH, Frederick, MD 21702-1201, for proofreading the manuscript and providing useful comments. This research was supported in part by a Grant-in-Aid for Scientific Research from the Ministry of Education, Culture, Sports, Science and Technology, Japan, the Japan Society for the Promotion of Science, and the Japan Health Science Foundation.. Angewandte Chemie - International Edition, 2002, 41, 2937.	13.8	157
18	A highly stereoselective synthesis of (E)-alkene dipeptide isosteres via organocyanocopper-Lewis acid mediation reaction. Journal of Organic Chemistry, 1991, 56, 4370-4382.	3.2	155

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19	Stromal cellâ€derived factor 1â€mediated CXCR4 signaling in rat and human cortical neural progenitor cells. Journal of Neuroscience Research, 2004, 76, 35-50.	2.9	153
20	Palladium-Catalyzed Direct Synthesis of Carbazoles via One-Pot N-Arylation and Oxidative Biaryl Coupling: Synthesis and Mechanistic Study. Journal of Organic Chemistry, 2009, 74, 4720-4726.	3.2	149
21	Direct Synthesis of 2-(Aminomethyl)indoles through Copper(I)-Catalyzed Domino Three-Component Coupling and Cyclization Reactions. Angewandte Chemie - International Edition, 2007, 46, 2295-2298.	13.8	145
22	Implanted Adult Human Dental Pulp Stem Cells Induce Endogenous Axon Guidance. Stem Cells, 2009, 27, 2229-2237.	3.2	144
23	A novel anti-HIV synthetic peptide, T-22 ([Tyr5,12,Lys7]-polyphemusin II). Biochemical and Biophysical Research Communications, 1992, 189, 845-850.	2.1	133
24	Dual Gold Catalysis: A Novel Synthesis of Bicyclic and Tricyclic Pyrroles from N-Propargyl Ynamides. Organic Letters, 2015, 17, 604-607.	4.6	132
25	Goldâ€Catalyzed Intramolecular Alkyne Cycloisomerization Cascade: Direct Synthesis of Arylâ€Annulated[a]carbazoles from Anilineâ€Substituted Diethynylarenes. Advanced Synthesis and Catalysis, 2010, 352, 368-372.	4.3	127
26	Gold-Catalyzed Cascade Cyclization of (Azido)ynamides: An Efficient Strategy for the Construction of Indoloquinolines. Organic Letters, 2014, 16, 3138-3141.	4.6	127
27	Identification of a CXCR4 antagonist, a T140 analog, as an anti-rheumatoid arthritis agent. FEBS Letters, 2004, 569, 99-104.	2.8	126
28	Gold-Catalyzed Hydroarylation of Allenes:â€‰ A Highly Regioselective Carbonâ^'Carbon Bond Formation Producing Six-Membered Rings. Organic Letters, 2007, 9, 4821-4824.	4.6	123
29	One-pot synthesis of carbazoles by palladium-catalyzed N-arylation and oxidative coupling. Chemical Communications, 2007, , 4516.	4.1	122
30	Involvement of the CXCL12/CXCR4 Pathway in the Recovery of Skin Following Burns. Journal of Investigative Dermatology, 2006, 126, 468-476.	0.7	120
31	Studies on peptides. CLV. Evaluation of trimethylsilyl bromide as a hard-acid deprotecting reagent in peptide synthesis.. Chemical and Pharmaceutical Bulletin, 1987, 35, 3880-3883.	1.3	115
32	Development of specific CXCR4 inhibitors possessing high selectivity indexes as well as complete stability in serum based on an anti-HIV peptide T140. Bioorganic and Medicinal Chemistry Letters, 2001, 11, 1897-1902.	2.2	115
33	Metastin and its variant forms suppress migration of pancreatic cancer cells. Biochemical and Biophysical Research Communications, 2004, 315, 85-92.	2.1	115
34	Pharmacophore identification of a specific CXCR4 inhibitor, T140, leads to development of effective anti-HIV agents with very high selectivity indexes. Bioorganic and Medicinal Chemistry Letters, 2000, 10, 2633-2637.	2.2	114
35	Concise Synthesis of Indole-Fused 1,4-Diazepines through Copper(I)-Catalyzed Domino Three-Component Couplingâ^'Cyclizationâ^'N-Arylation under Microwave Irradiation. Organic Letters, 2008, 10, 3535-3538.	4.6	107
36	Unequivocal Synthesis of (Z)-Alkene and (E)-Fluoroalkene Dipeptide Isosteres To Probe Structural Requirements of the Peptide Transporter PEPT1. Organic Letters, 2006, 8, 613-616.	4.6	106

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37	Construction of Nitrogen Heterocycles Bearing an Aminomethyl Group by Copper-Catalyzed Domino Three-Component Couplingâ"Cyclization. Journal of Organic Chemistry, 2009, 74, 7052-7058.	3.2	106
38	Lipid Bilayer Simulations of CXCR4 with Inverse Agonists and Weak Partial Agonists. Journal of Biological Chemistry, 2003, 278, 47136-47144.	3.4	105
39	Peptide bond mimicry by (E)-alkene and (Z)-fluoroalkene peptide isosteres: synthesis and bioevaluation of Î±-helical anti-HIV peptide analogues. Organic and Biomolecular Chemistry, 2009, 7, 2872.	2.8	105
40	CXCR4 Stimulates Macropinocytosis: Implications for Cellular Uptake of Arginine-Rich Cell-Penetrating Peptides and HIV. Chemistry and Biology, 2012, 19, 1437-1446.	6.0	103
41	Stereoselective Synthesis of 2-Alkenylaziridines and 2-Alkenylazetidines by Palladium-Catalyzed Intramolecular Amination of Î±- and Î²-Amino Allenes. Journal of Organic Chemistry, 2001, 66, 4904-4914.	3.2	100
42	Stereoselective Synthesis of [l-Arg-l/d-3-(2-naphthyl)alanine]-Type (E)-Alkene Dipeptide Isosteres and Its Application to the Synthesis and Biological Evaluation of Pseudopeptide Analogues of the CXCR4 Antagonist FC131. Journal of Medicinal Chemistry, 2005, 48, 380-391.	6.4	99
43	A comparative study of the solution structures of tachyplesin I and a novel anti-HIV synthetic peptide, T22 ([Tyr5,12, Lys7]-polyphemusin II), determined by nuclear magnetic resonance. BBA - Proteins and Proteomics, 1993, 1163, 209-216.	2.1	97
44	Development of a 111In-labeled peptide derivative targeting a chemokine receptor, CXCR4, for imaging tumors. Nuclear Medicine and Biology, 2006, 33, 489-494.	0.6	97
45	Enhancement of the T140-based pharmacophores leads to the development of more potent and bio-stable CXCR4 antagonistsElectronic supplementary information (ESI) available: Fig. S1: behaviors of TF14013, TF14016 and TF14013-Me in mouse serum; Fig. S2: behaviors of TF14002 (a), TF14005 (b), TF14006 (c), TF14013 (d), TF14016 (e) and TF14013 analogs (f) in rat liver homogenate; Table S1: characterization data of novel synthetic peptides; and HPLC charts for synthetic compounds of 4F-benzoyl-TF14011 (TF14013), 4F. Organic and Biomolecular Chemistry, 2003, 1, 3663.	2.8	95
46	Gold(I)-Catalyzed Polycyclizations of Polyenyne-Type Anilines Based on Hydroamination and Consecutive Hydroarylation Cascade. Journal of Organic Chemistry, 2011, 76, 9068-9080.	3.2	95
47	Formal [4+2] Reaction between 1,3â€Diynes and Pyrroles: Gold(I)â€Catalyzed Indole Synthesis by Double Hydroarylation. Chemistry - A European Journal, 2015, 21, 1463-1467.	3.3	91
48	Cysteine-DerivedS-Protected Oxazolidinones:â€‰ Potential Chemical Devices for the Preparation of Peptide Thioesters. Organic Letters, 2006, 8, 467-470.	4.6	90
49	SmI2-Mediated Reduction of Î³,Î³-Difluoro-Î±,Î²-enoates with Application to the Synthesis of Functionalized (Z)-Fluoroalkene-Type Dipeptide Isosteres. Journal of Organic Chemistry, 2004, 69, 1634-1645.	3.2	89
50	Facile Synthesis of Fluoroalkenes by Palladium-Catalyzed Reductive Defluorination of Allylic gem-Difluorides. Organic Letters, 2007, 9, 3465-3468.	4.6	89
51	Total Synthesis of (Â±)-Lysergic Acid, Lysergol, and Isolysergol by Palladium-Catalyzed Domino Cyclization of Amino Allenes Bearing a Bromoindolyl Group. Organic Letters, 2008, 10, 5239-5242.	4.6	89
52	A Novel Route to Diastereomerically Pure(E)-Alkene Dipeptide Isosteres fromÎ²-Aziridinyl-Î±,Î²-enoates by Treatment with Organocopper Reagents. Angewandte Chemie International Edition in English, 1994, 33, 652-654.	4.4	88
53	Mutations Conferring Resistance to Human Immunodeficiency Virus Type 1 Fusion Inhibitors Are Restricted by gp41 and Rev-Responsive Element Functions. Journal of Virology, 2005, 79, 764-770.	3.4	87
54	CXCR4 antagonist inhibits stromal cell-derived factor 1-induced migration and invasion of human pancreatic cancer. Molecular Cancer Therapeutics, 2004, 3, 29-37.	4.1	87

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55	Identification of Novel Low Molecular Weight CXCR4 Antagonists by Structural Tuning of Cyclic Tetrapeptide Scaffolds. Journal of Medicinal Chemistry, 2005, 48, 3280-3289.	6.4	85
56	Gold(I)-Catalyzed Regioselective Inter-/Intramolecular Addition Cascade of Di- and Triynes for Direct Construction of Substituted Naphthalenes. Journal of Organic Chemistry, 2012, 77, 4907-4916.	3.2	83
57	Application of dimethylsulphoxide(DMSO) / trifluoroacetic acid(TFA) oxidation to the synthesis of cystine-containing peptide. Tetrahedron Letters, 1991, 32, 1223-1226.	1.4	82
58	SC29EK, a Peptide Fusion Inhibitor with Enhanced Î±-Helicity, Inhibits Replication of Human Immunodeficiency Virus Type 1 Mutants Resistant to Enfuvirtide. Antimicrobial Agents and Chemotherapy, 2009, 53, 1013-1018.	3.2	82
59	Structureâ^'Activity Relationships of Cyclic Peptide-Based Chemokine Receptor CXCR4 Antagonists:Â Disclosing the Importance of Side-Chain and Backbone Functionalities. Journal of Medicinal Chemistry, 2007, 50, 192-198.	6.4	81
60	Kisspeptin-10-Induced Signaling of GPR54 Negatively Regulates Chemotactic Responses Mediated by CXCR4: a Potential Mechanism for the Metastasis Suppressor Activity of Kisspeptins. Cancer Research, 2005, 65, 10450-10456.	0.9	80
61	Blockade of CXCL12/CXCR4 Axis Ameliorates Murine Experimental Colitis. Journal of Pharmacology and Experimental Therapeutics, 2008, 327, 383-392.	2.5	80
62	The Peptidomimetic CXCR4 Antagonist TC14012 Recruits Î²-Arrestin to CXCR7. Journal of Biological Chemistry, 2010, 285, 37939-37943.	3.4	77
63	Inhibitory Mechanism of the CXCR4 Antagonist T22 against Human Immunodeficiency Virus Type 1 Infection. Journal of Virology, 1999, 73, 7489-7496.	3.4	77
64	The increase in surface CXCR4 expression on lung extravascular neutrophils and its effects on neutrophils during endotoxin-induced lung injury. Cellular and Molecular Immunology, 2011, 8, 305-314.	10.5	74
65	Interactions of an antimicrobial peptide, tachyplesin I, with lipid membranes. Biochimica Et Biophysica Acta - Biomembranes, 1991, 1070, 259-264.	2.6	73
66	Activation of Neuropeptide FF Receptors by Kisspeptin Receptor Ligands. ACS Medicinal Chemistry Letters, 2011, 2, 53-57.	2.8	73
67	Structureâ€"Activity Relationships of Carboline and Carbazole Derivatives as a Novel Class of ATP-Competitive Kinesin Spindle Protein Inhibitors. Journal of Medicinal Chemistry, 2011, 54, 4839-4846.	6.4	73
68	Synthesis and biological evaluation of selective CXCR4 antagonists containing alkene dipeptide isosteres. Organic and Biomolecular Chemistry, 2010, 8, 616-621.	2.8	71
69	Gold-Catalyzed Three-Component Annulation: Efficient Synthesis of Highly Functionalized Dihydropyrazoles from Alkynes, Hydrazines, and Aldehydes or Ketones. Organic Letters, 2012, 14, 326-329.	4.6	70
70	Kisspeptin neurons mediate reflex ovulation in the musk shrew (Suncus murinus). Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 17527-17532.	7.1	69
71	Dual Gold Catalysis: Synthesis of Polycyclic Compounds via Cï£¿H Insertion of Gold Vinylidenes. Chemistry - A European Journal, 2014, 20, 16331-16336.	3.3	69
72	Pharmacophore identification of a chemokine receptor (CXCR4) antagonist, T22 ([Tyr 5,12 , Lys 7) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Chemistry, 1998, 6, 1033-1041.	3.0	68

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73	Rapid Access to 3-(Aminomethyl)isoquinoline-Fused Polycyclic Compounds by Copper-Catalyzed Four-Component Coupling, Cascade Cyclization, and Oxidation. Journal of Organic Chemistry, 2009, 74, 6299-6302.	3.2	65
74	Thioredoxin-interacting protein suppresses bladder carcinogenesis. Carcinogenesis, 2011, 32, 1459-1466.	2.8	65
75	Goldâ€Catalyzed Cascade Cyclization of 2â€Alkynylâ€‹i›N‹/i›â€Propargylanilines by Rearrangement of a Propargyl Group. Angewandte Chemie - International Edition, 2015, 54, 7862-7866.	13.8	65
76	Design and synthesis of downsized metastin (45â€“54) analogs with maintenance of high GPR54 agonistic activity. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 134-137.	2.2	64
77	Total Synthesis of (â^')â€Quinocarcin by Gold(I)â€Catalyzed Regioselective Hydroamination. Angewandte Chemie - International Edition, 2012, 51, 9169-9172.	13.8	63
78	Synthesis of potent CXCR4 inhibitors possessing low cytotoxicity and improved biostability based on T140 derivativesElectronic supplementary information (ESI) available: Fig. S1: behaviors of TE14005 (a), TE14011 and Ac-TE14011 (b) in mouse serum; Fig. S2: behaviors of TE14011 (a), Ac-TE14011 (b), TN14003 (c), Ac-TN14003 (d), TC14012 (e) and Ac-TC14012 (f) in rat liver homogenate; Table S1: characterization data of novel synthetic peptides; HPLC charts for synthetic compounds of TE14005, TE14011 and Ac-TE14. Organic and Biomolecular Chemistry, 2003, 1, 3656.	2.8	61
79	Electrostatically constrained Î±-helical peptide inhibits replication of HIV-1 resistant to enfuvirtide. International Journal of Biochemistry and Cell Biology, 2009, 41, 891-899.	2.8	59
80	Ring-Construction/Stereoselective Functionalization Cascade: Total Synthesis of Pachastrissamine (Jaspine B) through Palladium-Catalyzed Bis-cyclization of Propargyl Chlorides and Carbonates. Journal of Organic Chemistry, 2010, 75, 3831-3842.	3.2	59
81	Synthesis and Evaluation of a Bimodal CXCR4 Antagonistic Peptide. Bioconjugate Chemistry, 2011, 22, 859-864.	3.6	59
82	Structure-Based Design of Novel Potent Protein Kinase CK2 (CK2) Inhibitors with Phenyl-azole Scaffolds. Journal of Medicinal Chemistry, 2012, 55, 2899-2903.	6.4	59
83	Formal Total Synthesis of (Â±)-Strictamine Based on a Gold-Catalyzed Cyclization. Organic Letters, 2016, 18, 1670-1673.	4.6	59
84	Antimicrobial Activity and Conformation of Tachyplesin I and Its Analogs.. Chemical and Pharmaceutical Bulletin, 1993, 41, 978-980.	1.3	57
85	Facile Synthesis of 1,2,3,4-Tetrahydro-Î²-carbolines by One-Pot Domino Three-Component Indole Formation and Nucleophilic Cyclization. Organic Letters, 2009, 11, 1979-1982.	4.6	57
86	Effective lowly cytotoxic analogs of an HIV-cell fusion inhibitor, T22 ([Tyr5,12, Lys7]-polyphemusin II). Bioorganic and Medicinal Chemistry, 1998, 6, 231-238.	3.0	56
87	Conformational study of a highly specific CXCR4 inhibitor, T140, disclosing the close proximity of its intrinsic pharmacophores associated with strong anti-HIV activity. Bioorganic and Medicinal Chemistry Letters, 2001, 11, 359-362.	2.2	56
88	The therapeutic potential of CXCR4 antagonists in the treatment of HIV. Expert Opinion on Investigational Drugs, 2003, 12, 185-195.	4.1	56
89	The therapeutic potential of CXCR4 antagonists in the treatment of HIV infection, cancer metastasis and rheumatoid arthritis. Expert Opinion on Therapeutic Targets, 2005, 9, 1267-1282.	3.4	56
90	Design of a Novel HIV-1 Fusion Inhibitor That Displays a Minimal Interface for Binding Affinity. Journal of Medicinal Chemistry, 2008, 51, 388-391.	6.4	55

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91	Diastereoselective synthesis of highly functionalized fluoroalkene dipeptide isosteres and its application to Fmoc-based solid-phase synthesis of a cyclic pentapeptide mimetic. Tetrahedron, 2008, 64, 4332-4346.	1.9	54
92	Syn-SN2' pathway in the reaction of certain .gamma.-(mesyloxy) .alpha.,.beta.-enoates with RCu(CN)MgX.BF3 reagents. Importance of MgX and bulky R group upon the diastereoselectivity. Journal of Organic Chemistry, 1993, 58, 1207-1214.	3.2	53
93	Stereoselective Divergent Synthesis of Four Diastereomers of Pachastrissamine (Jaspine B). Journal of Organic Chemistry, 2010, 75, 3843-3846.	3.2	52
94	Identification of a New Class of Low Molecular Weight Antagonists against the Chemokine Receptor CXCR4 Having the Dipicolylamineâ^'Zinc(II) Complex Structure. Journal of Medicinal Chemistry, 2006, 49, 3412-3415.	6.4	51
95	Zipper-Mode Double Câ^'H Activation:â€‰ Palladium-Catalyzed Direct Construction of Highly-Fused Heterocyclic Systems. Organic Letters, 2007, 9, 4813-4815.	4.6	50
96	Therapeutic potential of the chemokine receptor CXCR4 antagonists as multifunctional agents. Biopolymers, 2007, 88, 279-289.	2.4	50
97	Ring-Construction/Stereoselective Functionalization Cascade: Total Synthesis of Pachastrissamine (Jaspine B) through Palladium-Catalyzed Bis-cyclization of Bromoallenes. Organic Letters, 2009, 11, 4478-4481.	4.6	50
98	Pachastrissamine (jaspine B) and its stereoisomers inhibit sphingosine kinases and atypical protein kinase C. Bioorganic and Medicinal Chemistry, 2011, 19, 5402-5408.	3.0	50
99	Diastereoselective Synthesis of Newï^[(E)-CHCMe]- andï^[(Z)-CHCMe]-type Alkene Dipeptide Isosteres by Organocopper Reagents and Application to Conformationally Restricted Cyclic RGD Peptidomimetics. Journal of Organic Chemistry, 2002, 67, 6162-6173.	3.2	49
100	Kinesin Spindle Protein (KSP) Inhibitors with 2,3-Fused Indole Scaffolds. Journal of Medicinal Chemistry, 2010, 53, 5054-5058.	6.4	49
101	New access to Î±-substituted (Z)-fluoroalkene dipeptide isosteres utilizing organocopper reagents under â€˜reductionâ€“oxidative alkylation (Râ€“OA)â€™ conditions. Tetrahedron Letters, 2001, 42, 5443-5446.	1.4	48
102	Facile synthesis of 3-(aminomethyl)isoquinolines by copper-catalysed domino four-component coupling and cyclisation. Chemical Communications, 2008, , 835.	4.1	48
103	Cu(ii)-mediated oxidative intermolecular ortho Câ€“H functionalisation using tetrahydropyrimidine as the directing group. Chemical Communications, 2009, , 3413.	4.1	48
104	Potassium Carbonate-Promoted Stereospecific 5-Endo-TrigCyclization of Unactivated Allenes in the Absence of Any Transition Metals. Organic Letters, 2006, 8, 947-950.	4.6	47
105	Bromoallenes as Allyl Dication Equivalents in the Presence or Absence of Palladium(0): Direct Construction of Bicyclic Sulfamides Containing Five- to Eight-membered Rings by Tandem Cyclization of Bromoallenes. Chemistry - A European Journal, 2007, 13, 1692-1708.	3.3	47
106	SN2â€² Ring opening of aziridines bearing an Î±,Î²-unsaturated ester group with organocopper reagents. A new stereoselective synthetic route to (E)-alkene dipeptide isosteres. Journal of the Chemical Society Perkin Transactions 1, 1995, , 1359-1371.	0.9	46
107	Development of Novel G-Protein-Coupled Receptor 54 Agonists with Resistance to Degradation by Matrix Metalloproteinase. Journal of Medicinal Chemistry, 2008, 51, 7645-7649.	6.4	46
108	Pan-histone deacetylase inhibitor panobinostat depletes CXCR4 levels and signaling and exerts synergistic antimyeloid activity in combination with CXCR4 antagonists. Blood, 2010, 116, 5306-5315.	1.4	46

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109	Structureâ€“activity relationship study on small peptidic GPR54 agonists. Bioorganic and Medicinal Chemistry, 2006, 14, 7595-7603.	3.0	45
110	Marked Increase in Anti-HIV Activity, as Well as Inhibitory Activity against HIV Entry Mediated by CXCR4, Linked to Enhancement of the Binding Ability of Tachyplesin Analogs to CXCR4. AIDS Research and Human Retroviruses, 1999, 15, 419-427.	1.1	44
111	Synthesis of (Z)-fluoroalkene dipeptide isosteres utilizing organocopper-mediated reduction of Î³,Î³-difluoro-Î±,Î²-enoates. Tetrahedron Letters, 2001, 42, 285-287.	1.4	44
112	Direct Construction of Fused Indoles by Gold-Catalyzed Cascade Cyclization of Conjugated Diynes. Organic Letters, 2015, 17, 1774-1777.	4.6	44
113	Reduction of Peptide Character of HIV Protease Inhibitors That Exhibit Nanomolar Potency against Multidrug Resistant HIV-1 Strains. Journal of Medicinal Chemistry, 2003, 46, 1764-1768.	6.4	43
114	CXCR4 engagement promotes dendritic cell survival and maturation. Biochemical and Biophysical Research Communications, 2007, 361, 1012-1016.	2.1	43
115	Direct Construction of Bicyclic Heterocycles by Palladium-Catalyzed Domino Cyclization of Propargyl Bromides. Organic Letters, 2008, 10, 1171-1174.	4.6	43
116	Heptad Repeat-Derived Peptides Block Protease-Mediated Direct Entry from the Cell Surface of Severe Acute Respiratory Syndrome Coronavirus but Not Entry via the Endosomal Pathway. Journal of Virology, 2008, 82, 588-592.	3.4	42
117	Development of Low Molecular Weight CXCR4 Antagonists by Exploratory Structural Tuning of Cyclic Tetra- and Pentapeptide-Scaffolds Towards the Treatment of HIV Infection, Cancer Metastasis and Rheumatoid Arthritis. Current Medicinal Chemistry, 2007, 14, 93-102.	2.4	41
118	Design of Peptide-based Inhibitors for Human Immunodeficiency Virus Type 1 Strains Resistant to T-20*. Journal of Biological Chemistry, 2009, 284, 4914-4920.	3.4	41
119	Synthesis of Fused Carbazoles by Gold-Catalyzed Tricyclization of Conjugated Diynes via Rearrangement of an N-Propargyl Group. Organic Letters, 2015, 17, 6250-6253.	4.6	41
120	Highly Selective Synthesis of(E)-Alkene Isosteric Dipeptides With High Optical Purity via RCu(CN)LiÂ·BF3 Mediated Reaction. Angewandte Chemie International Edition in English, 1990, 29, 801-803.	4.4	40
121	Induction of myogenic differentiation by SDFâ€1 via CXCR4 and CXCR7 receptors. Muscle and Nerve, 2010, 41, 828-835.	2.2	40
122	Direct Assessment of CXCR4 Mutant Conformations Reveals Complex Link between Receptor Structure and GÎ±i Activation. Journal of Biological Chemistry, 2007, 282, 5111-5115.	3.4	39
123	Synthesis and Application of Fluoresceinâ€•and Biotinâ€Labeled Molecular Probes for the Chemokine Receptor CXCR4. ChemBioChem, 2008, 9, 1154-1158.	2.6	39
124	Chemokine receptor expression in EBV-associated lymphoproliferation in hu/SCID mice: implications for CXCL12/CXCR4 axis in lymphoma generation. Blood, 2005, 105, 931-939.	1.4	38
125	Photolabile Protection for One-Pot Sequential Native Chemical Ligation. ChemBioChem, 2005, 6, 1983-1986.	2.6	38
126	Application of tri- and tetrasubstituted alkene dipeptide mimetics to conformational studies of cyclic RGD peptides. Tetrahedron, 2006, 62, 1416-1424.	1.9	38

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127	Synthesis of fused tetracyclic spiroindoles via palladium-catalysed cascade cyclisation. Chemical Communications, 2014, 50, 298-300.	4.1	38
128	Fluorescent imaging of highâ€grade bladder cancer using a specific antagonist for chemokine receptor CXCR4. International Journal of Cancer, 2010, 127, 1180-1187.	5.1	37
129	Resistance Profiles of Novel Electrostatically Constrained HIV-1 Fusion Inhibitors. Journal of Biological Chemistry, 2010, 285, 39471-39480.	3.4	37
130	Structureâ€“Activity Relationship Study of a CXC Chemokine Receptor Type 4 Antagonist, FC131, Using a Series of Alkene Dipeptide Isosteres. Journal of Medicinal Chemistry, 2012, 55, 2746-2757.	6.4	36
131	Molecular modeling study of cyclic pentapeptide CXCR4 antagonists: New insight into CXCR4â€“FC131 interactions. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 2146-2150.	2.2	36
132	Studies on peptides. CLXVIII. Syntheses of three peptides isolated from horseshoe crab hemocytes, tachyplesin I, tachyplesin II, and polyphemusin I.. Chemical and Pharmaceutical Bulletin, 1989, 37, 2661-2664.	1.3	35
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