

Jean Martinez

List of Publications by Year in descending order

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665
papers

20,085
citations

16451

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30922

102
g-index

784
all docs

784
docs citations

784
times ranked

18714
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthetic therapeutic peptides: science and market. Drug Discovery Today, 2010, 15, 40-56.	6.4	1,215
2	<i>α</i> -BaylisâHillman Reaction. Chemical Reviews, 2009, 109, 1-48.	47.7	542
3	Methods and Protocols of Modern Solid Phase Peptide Synthesis. Molecular Biotechnology, 2006, 33, 239-254.	2.4	379
4	Rapid sensing of circulating ghrelin by hypothalamic appetite-modifying neurons. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1512-1517.	7.1	258
5	Silicon-Containing Amino Acids: Synthetic Aspects, Conformational Studies, and Applications to Bioactive Peptides. Chemical Reviews, 2016, 116, 11654-11684.	47.7	242
6	Isoxazolidine: A Privileged Scaffold for Organic and Medicinal Chemistry. Chemical Reviews, 2016, 116, 15235-15283.	47.7	204
7	Preparation of NHCâruthenium complexes and their catalytic activity in metathesis reaction. Coordination Chemistry Reviews, 2007, 251, 726-764.	18.8	191
8	Recent Advances in the Synthesis of Hydantoins: The State of the Art of a Valuable Scaffold. Chemical Reviews, 2017, 117, 13757-13809.	47.7	163
9	Synthesis and biological activities of some pseudo-peptide analogs of tetragastrin: the importance of the peptide backbone. Journal of Medicinal Chemistry, 1985, 28, 1874-1879.	6.4	161
10	Identification of Key Residues for Interaction of Vasoactive Intestinal Peptide with Human VPAC1 and VPAC2 Receptors and Development of a Highly Selective VPAC1 Receptor Agonist. Journal of Biological Chemistry, 2000, 275, 24003-24012.	3.4	156
11	A facile synthesis of chiral N-protected Î ² -amino alcohols.. Tetrahedron Letters, 1991, 32, 923-926.	1.4	152
12	SolventâFree Synthesis of Peptides. Angewandte Chemie - International Edition, 2009, 48, 9318-9321.	13.8	152
13	Synthesis of 3,4,5-Trisubstituted-1,2,4-triazoles. Chemical Reviews, 2010, 110, 1809-1827.	47.7	147
14	Chemical insights into bioinks for 3D printing. Chemical Society Reviews, 2019, 48, 4049-4086.	38.1	145
15	Characterization of New Polyclonal Antibodies Specific for 40 and 42 Amino Acid-Long Amyloid Î ² Peptides: Their Use to Examine the Cell Biology of Presenilins and the Immunohistochemistry of Sporadic Alzheimerâ€™s Disease and Cerebral Amyloid Angiopathy Cases. Molecular Medicine, 1997, 3, 695-707.	4.4	142
16	High Constitutive Activity Is an Intrinsic Feature of Ghrelin Receptor Protein. Journal of Biological Chemistry, 2012, 287, 3630-3641.	3.4	132
17	Environmentally benign peptide synthesis using liquid-assisted ball-milling: application to the synthesis of Leu-enkephalin. Green Chemistry, 2013, 15, 1116.	9.0	130
18	Identification of the Receptor Subtype Involved in the Analgesic Effect of Neurotensin. Journal of Neuroscience, 1999, 19, 503-510.	3.6	126

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19	Palatability Can Drive Feeding Independent of AgRP Neurons. <i>Cell Metabolism</i> , 2015, 22, 646-657.	16.2	122
20	Toward Potent Ghrelin Receptor Ligands Based on Trisubstituted 1,2,4-Triazole Structure. 2. Synthesis and Pharmacological in Vitro and in Vivo Evaluations. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 5790-5806.	6.4	116
21	New Soluble-Polymer Bound Ruthenium Carbene Catalysts: Synthesis, Characterization, and Application to Ring-Closing Metathesis. <i>Organometallics</i> , 2003, 22, 2426-2435.	2.3	103
22	Mechanochemical Preparation of Hydantoins from Amino Esters: Application to the Synthesis of the Antiepileptic Drug Phenytoin. <i>Journal of Organic Chemistry</i> , 2014, 79, 10132-10142.	3.2	103
23	Side Reactions in Peptide Synthesis. <i>Synthesis</i> , 1981, 1981, 333-356.	2.3	97
24	Solid phase synthesis of chiral 3-substituted quinazoline-2,4-diones. <i>Tetrahedron Letters</i> , 1996, 37, 7031-7034.	1.4	97
25	Sonochemistry in non-conventional, green solvents or solvent-free reactions. <i>Tetrahedron</i> , 2017, 73, 609-653.	1.9	97
26	PEG as an alternative reaction medium in metal-mediated transformations. <i>Coordination Chemistry Reviews</i> , 2012, 256, 2893-2920.	18.8	95
27	Ligands and signaling proteins govern the conformational landscape explored by a G protein-coupled receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8304-8309.	7.1	95
28	Cathepsin D displays in vitro β -secretase-like specificity. <i>Brain Research</i> , 1997, 750, 11-19.	2.2	94
29	Synthesis and biological activity of partially modified retro-inverso pseudopeptide derivatives of the C-terminal tetrapeptide of gastrin. <i>Journal of Medicinal Chemistry</i> , 1987, 30, 758-763.	6.4	92
30	Sequentialaza-Baylis-Hillman/Ring Closing Metathesis/Aromatization as a Novel Route for the Synthesis of Substituted Pyrroles. <i>Journal of Organic Chemistry</i> , 2004, 69, 8372-8381.	3.2	92
31	Mechanosynthesis of amides in the total absence of organic solvent from reaction to product recovery. <i>Chemical Communications</i> , 2012, 48, 11781.	4.1	92
32	Poly(ethylene glycol) as reaction medium for mild Mizoroki-Heck reaction in a ball-mill. <i>Chemical Communications</i> , 2012, 48, 11778.	4.1	91
33	N-terminus FITC labeling of peptides on solid support: the truth behind the spacer. <i>Tetrahedron Letters</i> , 2009, 50, 260-263.	1.4	88
34	Synthesis and Pharmacological in Vitro and in Vivo Evaluations of Novel Triazole Derivatives as Ligands of the Ghrelin Receptor. 1. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 1939-1957.	6.4	86
35	Detergent-free Isolation of Functional G Protein-Coupled Receptors into Nanometric Lipid Particles. <i>Biochemistry</i> , 2016, 55, 38-48.	2.5	85
36	Alternative Energy Input for Transfer Hydrogenation using Iridium NHC Based Catalysts in Glycerol as Hydrogen Donor and Solvent. <i>Organometallics</i> , 2012, 31, 3911-3919.	2.3	84

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37	Improved solid phase synthesis of C-terminal peptide aldehydes. Tetrahedron Letters, 1995, 36, 7871-7874.	1.4	82
38	Solvent-free synthesis of nitrones in a ball-mill. Tetrahedron, 2008, 64, 5569-5576.	1.9	82
39	Influence of Gastrin on Human Astrocytic Tumor Cell Proliferation. Journal of the National Cancer Institute, 1996, 88, 594-600.	6.3	80
40	Agonism, Inverse Agonism, and Neutral Antagonism at the Constitutively Active Human Neurotensin Receptor 2. Molecular Pharmacology, 2001, 60, 1392-1398.	2.3	77
41	Influence of Silaproline on Peptide Conformation and Bioactivity. Journal of the American Chemical Society, 2002, 124, 2917-2923.	13.7	77
42	Alternative Technologies That Facilitate Access to Discrete Metal Complexes. Chemical Reviews, 2019, 119, 7529-7609.	47.7	77
43	Preparation of Chiral Amino Esters by Asymmetric Phaseâ€¢Transfer Catalyzed Alkylations of Schiff Bases in a Ball Mill. Chemistry - A European Journal, 2012, 18, 3773-3779.	3.3	76
44	Agonism, Antagonism, and Inverse Agonism Bias at the Ghrelin Receptor Signaling. Journal of Biological Chemistry, 2015, 290, 27021-27039.	3.4	76
45	Homogeneous time-resolved fluorescence-based assay to screen for ligands targeting the growth hormone secretagogue receptor type 1a. Analytical Biochemistry, 2011, 408, 253-262.	2.4	75
46	Cholecystokinin (pancreozymin). 4. Synthesis and properties of a biologically active analog of the C-terminal heptapeptide with .epsilon.-hydroxynorleucine sulfate replacing tyrosine sulfate. Journal of Medicinal Chemistry, 1978, 21, 1030-1035.	6.4	74
47	Structureâ€¢Activity Relationships of Phenyl-Furanyl-Rhodanines as Inhibitors of RNA Polymerase with Antibacterial Activity on Biofilms. Journal of Medicinal Chemistry, 2007, 50, 4195-4204.	6.4	74
48	Ghrelin knockout mice show decreased voluntary alcohol consumption and reduced ethanol-induced conditioned place preference. Peptides, 2013, 43, 48-55.	2.4	74
49	Arginine 336 and Asparagine 333 of the Human Cholecystokinin-A Receptor Binding Site Interact with the Penultimate Aspartic Acid and the C-terminal Amide of Cholecystokinin. Journal of Biological Chemistry, 1999, 274, 20457-20464.	3.4	73
50	Mass spectrometry in combinatorial chemistry. Mass Spectrometry Reviews, 2000, 19, 139-161.	5.4	73
51	Active Esters of Formic Acid as Useful Formylating Agents: Improvements in the Synthesis of Formyl-Amino Acid Esters, N-Î±-Formyl-Met-Leu-Phe-OH, and Formyl-Met-Lys-Pro-Arg, a Phagocytosis Stimulating Peptide. Synthesis, 1982, 1982, 979-981.	2.3	72
52	CCK-JMV-180: a peptide that distinguishes high-affinity cholecystokinin receptors from low-affinity cholecystokinin receptors. Biochimica Et Biophysica Acta - Molecular Cell Research, 1989, 1010, 145-150.	4.1	72
53	1,1â€¢-Carbonyldiimidazole and Mechanochemistry: A Shining Green Combination. ACS Sustainable Chemistry and Engineering, 2017, 5, 9599-9602.	6.7	72
54	Chemical Optimization of New Ligands of the Low-Density Lipoprotein Receptor as Potential Vectors for Central Nervous System Targeting. Journal of Medicinal Chemistry, 2012, 55, 2227-2241.	6.4	71

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55	Attenuation of cocaine-induced locomotor sensitization in rats sustaining genetic or pharmacologic antagonism of ghrelin receptors. <i>Addiction Biology</i> , 2012, 17, 956-963.	2.6	71
56	Coarse-Grained Simulations of the HIV-1 Matrix Protein Anchoring: Revisiting Its Assembly on Membrane Domains. <i>Biophysical Journal</i> , 2014, 106, 577-585.	0.5	71
57	Comprehensive Study of the Organic-Solvent-Free CDI-Mediated Acylation of Various Nucleophiles by Mechanochemistry. <i>Chemistry - A European Journal</i> , 2015, 21, 12787-12796.	3.3	71
58	New Trisubstituted 1,2,4-Triazole Derivatives as Potent Ghrelin Receptor Antagonists. 3. Synthesis and Pharmacological in Vitro and in Vivo Evaluations. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 689-693.	6.4	70
59	Synthesis of N-protected \pm -amino aldehydes from their morpholine amide derivatives. <i>Tetrahedron Letters</i> , 2000, 41, 37-40.	1.4	69
60	Ghrelin receptor conformational dynamics regulate the transition from a preassembled to an active receptor:Gq complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1601-1606.	7.1	69
61	The Effect of Gastrin on Growth of Human Stomach Cancer Cells. <i>Annals of Surgery</i> , 1992, 215, 528-535.	4.2	68
62	Facile synthesis of tert-butyl ester of N-protected amino acids with tert-butyl bromide. <i>Tetrahedron Letters</i> , 1993, 34, 7409-7412.	1.4	68
63	BACE1- and BACE2-expressing Human Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 25859-25866.	3.4	68
64	Ac-[3- and 4-Alkylthioprolinyl]-CCK4 Analogs: Synthesis and Implications for the CCK-B Receptor-Bound Conformation. <i>Journal of Medicinal Chemistry</i> , 1995, 38, 137-149.	6.4	67
65	Synthesis of Silaproline, a New Proline Surrogate. , 2000, 2000, 807-811.		67
66	Serotonin Dimers: Application of the Bivalent Ligand Approach to the Design of New Potent and Selective 5-HT _{1B/1D} Agonists. <i>Journal of Medicinal Chemistry</i> , 1996, 39, 4920-4927.	6.4	66
67	Potent Spinal Analgesia Elicited through Stimulation of NTS2 Neurotensin Receptors. <i>Journal of Neuroscience</i> , 2005, 25, 8188-8196.	3.6	66
68	Replacement of a Proline with Silaproline Causes a 20-Fold Increase in the Cellular Uptake of a Pro-Rich Peptide. <i>Journal of the American Chemical Society</i> , 2006, 128, 8479-8483.	13.7	66
69	Solution and Solid-Supported Synthesis of 3,4,5-Trisubstituted 1,2,4-Triazole-Based Peptidomimetics. <i>Organic Letters</i> , 2003, 5, 4465-4468.	4.6	65
70	New Active Series of Growth Hormone Secretagogues. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 1191-1203.	6.4	65
71	Regulation of ERK1/2 activity by ghrelin-activated growth hormone secretagogue receptor 1A involves a PLC/PKC pathway. <i>British Journal of Pharmacology</i> , 2006, 148, 350-365.	5.4	65
72	Anorexigenic and electrophysiological actions of novel ghrelin receptor (GHS-R1A) antagonists in rats. <i>European Journal of Pharmacology</i> , 2009, 612, 167-173.	3.5	65

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73	Chemical cross-linkers for protein structure studies by mass spectrometry. <i>Proteomics</i> , 2013, 13, 438-456.	2.2	65
74	Cage-Like Copper(II) Silsesquioxanes: Transmetalation Reactions and Structural, Quantum Chemical, and Catalytic Studies. <i>Chemistry - A European Journal</i> , 2015, 21, 8758-8770.	3.3	65
75	Reduced peptide bond pseudopeptide analogues of neurotensins binding and biological activities, and in vitro metabolic stability. <i>European Journal of Pharmacology</i> , 1991, 205, 191-198.	3.5	64
76	Solid-Phase Synthesis of Isocoumarins: A Traceless Halocyclization Approach. <i>Journal of Organic Chemistry</i> , 2009, 74, 4158-4165.	3.2	64
77	Novel 1-H-Pyrrolo[3,2-c]quinoline Based 5-HT ₆ Receptor Antagonists with Potential Application for the Treatment of Cognitive Disorders Associated with Alzheimer's Disease. <i>ACS Chemical Neuroscience</i> , 2016, 7, 972-983.	3.5	64
78	Synthesis of Cyclic Amino Acid Derivatives via Ring Closing Metathesis on a Poly(ethylene glycol) Supported Substrate. <i>Journal of Organic Chemistry</i> , 2000, 65, 6787-6790.	3.2	63
79	Low Energy Peptide Fragmentations in an ESI-Q-ToF Type Mass Spectrometer. <i>Journal of Proteome Research</i> , 2007, 6, 1378-1391.	3.7	62
80	Melanin-Concentrating Hormone Binding Sites in Human SVK14 Keratinocytes. <i>Biochemical and Biophysical Research Communications</i> , 1997, 241, 622-629.	2.1	61
81	Cu(O), O ₂ and mechanical forces: a saving combination for efficient production of Cu-NHC complexes. <i>Chemical Science</i> , 2017, 8, 1086-1089.	7.4	61
82	Design and Synthesis of Potent Bradykinin Agonists Containing a Benzothiazepine Moiety. <i>Journal of Medicinal Chemistry</i> , 1999, 42, 4185-4192.	6.4	60
83	PEG3400-Cu ₂ O-Cs ₂ CO ₃ : an efficient and recyclable microwave-enhanced catalytic system for ligand-free Ullmann arylation of indole and benzimidazole. <i>Tetrahedron</i> , 2010, 66, 3730-3735.	1.9	60
84	Copper-Catalyzed Direct Synthesis of Benzamides from Alcohols and Amines. <i>ChemCatChem</i> , 2012, 4, 1922-1925.	3.7	60
85	Ghrelin Stimulation of Growth Hormone-Releasing Hormone Neurons Is Direct in the Arcuate Nucleus. <i>PLoS ONE</i> , 2010, 5, e9159.	2.5	59
86	Identification of Two Amino Acids of the Human Cholecystokinin-A Receptor That Interact with the N-terminal Moiety of Cholecystokinin. <i>Journal of Biological Chemistry</i> , 1997, 272, 2920-2926.	3.4	58
87	Growth hormone secretagogues prevent dysregulation of skeletal muscle calcium homeostasis in a rat model of cisplatin-induced cachexia. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2017, 8, 386-404.	7.3	58
88	Recent Developments in Ghrelin Receptor Ligands. <i>ChemMedChem</i> , 2007, 2, 1242-1259.	3.2	57
89	SIDE REACTIONS IN PEPTIDE SYNTHESIS. <i>International Journal of Peptide and Protein Research</i> , 1978, 12, 277-283.	0.1	56
90	Helical Oligomers of Thiazole-Based β -Amino Acids: Synthesis and Structural Studies. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6006-6010.	13.8	56

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91	Novel preparation of N-protected amino acid active esters using 1,2,2,2-tetrachloroethyl carbonates. <i>Journal of Organic Chemistry</i> , 1987, 52, 2364-2367.	3.2	55
92	Poly(ethylene glycol)-Based Ionic Liquids: Properties and Uses as Alternative Solvents in Organic Synthesis and Catalysis. <i>ChemSusChem</i> , 2014, 7, 45-65.	6.8	55
93	GHSR-D2R heteromerization modulates dopamine signaling through an effect on G protein conformation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4501-4506.	7.1	55
94	Functionalization of peptides and proteins by aldehyde or keto groups. <i>Biopolymers</i> , 2000, 55, 165-186.	2.4	54
95	Activated N-nitrosocarbamates for regioselective synthesis of N-nitrosoureas. <i>Journal of Medicinal Chemistry</i> , 1982, 25, 178-182.	6.4	53
96	Synthesis of Various 3-Substituted 1,2,4-Oxadiazole-Containing Chiral (R)- and (S)-Amino Acids from Fmoc-Protected Aspartic Acid. <i>Journal of Organic Chemistry</i> , 2003, 68, 7316-7321.	3.2	53
97	Efficient synthetic approach to heterocycles possessing the 3,3-disubstituted-2,3-dihydrobenzofuran skeleton via diverse palladium-catalyzed tandem reactions. <i>Tetrahedron</i> , 2007, 63, 3340-3349.	1.9	53
98	In Vivo Stabilization of a Gastrin-Releasing Peptide Receptor Antagonist Enhances PET Imaging and Radionuclide Therapy of Prostate Cancer in Preclinical Studies. <i>Theranostics</i> , 2016, 6, 104-117.	10.0	53
99	A heterometallic (Fe ₆ /Na ₈) cage-like silsesquioxane: synthesis, structure, spin glass behavior and high catalytic activity. <i>RSC Advances</i> , 2016, 6, 48165-48180.	3.6	53
100	Poly(ethylene glycol) as solvent and polymer support in the microwave assisted parallel synthesis of amino acid derivatives. <i>Tetrahedron Letters</i> , 2000, 41, 6371-6375.	1.4	52
101	Active esters of 9-fluorenylmethyloxycarbonyl amino acids and their application in the stepwise lengthening of a peptide chain. <i>Journal of Organic Chemistry</i> , 1980, 45, 72-76.	3.2	51
102	The 1,2,4-triazole as a scaffold for the design of ghrelin receptor ligands: development of JMV 2959, a potent antagonist. <i>Amino Acids</i> , 2013, 44, 301-314.	2.7	51
103	Peptide synthesis: ball-milling, in solution, or on solid support, what is the best strategy?. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 2087-2093.	2.2	51
104	Side reactions in peptide synthesis. 11. Possible removal of the 9-fluorenylmethyloxycarbonyl group by the amino components during coupling. <i>Journal of Organic Chemistry</i> , 1979, 44, 1622-1625.	3.2	50
105	Synthesis of cyclic peptides via O ^N -acyl migration. <i>Tetrahedron Letters</i> , 2008, 49, 4674-4676.	1.4	50
106	Arginine 197 of the cholecystokinin _A receptor binding site interacts with the sulfate of the peptide agonist cholecystokinin. <i>Protein Science</i> , 1999, 8, 2347-2354.	7.6	50
107	Mechanochemical 1,1 ² -Carbonyldiimidazole-Mediated Synthesis of Carbamates. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 2882-2889.	6.7	50
108	Side reactions in peptide synthesis. 12. Hydrogenolysis of the 9-fluorenylmethyloxycarbonyl group. <i>Journal of Organic Chemistry</i> , 1979, 44, 3596-3598.	3.2	49

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109	Use of ozonolysis in the synthesis of C-terminal peptide aldehydes on solid support. Tetrahedron Letters, 1997, 38, 7749-7752.	1.4	49
110	In Vitro and In Vivo Application of Radiolabeled Gastrin-Releasing Peptide Receptor Ligands in Breast Cancer. Journal of Nuclear Medicine, 2015, 56, 752-757.	5.0	49
111	Pharmacologic antagonism of ghrelin receptors attenuates development of nicotine induced locomotor sensitization in rats. Regulatory Peptides, 2011, 172, 77-80.	1.9	48
112	Heterodimerization with Its Splice Variant Blocks the Ghrelin Receptor 1a in a Non-signaling Conformation. Journal of Biological Chemistry, 2013, 288, 24656-24665.	3.4	48
113	Ring-closing metathesis in glycerol under microwave activation. Tetrahedron Letters, 2010, 51, 3935-3937.	1.4	47
114	Solvent-free synthesis of hydrazones and their subsequent N-alkylation in a Ball-mill. Tetrahedron, 2011, 67, 8187-8194.	1.9	47
115	Chemical cross-linking methods for cell encapsulation in hydrogels. Materials Today Communications, 2019, 20, 100536.	1.9	47
116	2-(Trimethylsilyl)ethanesulfonyl (or SES) Group in Amine Protection and Activation. Chemical Reviews, 2006, 106, 2249-2269.	47.7	46
117	Preclinical Comparison of Al ¹⁸ F- and ⁶⁸ Ga-Labeled Gastrin-Releasing Peptide Receptor Antagonists for PET Imaging of Prostate Cancer. Journal of Nuclear Medicine, 2014, 55, 2050-2056.	5.0	46
118	Phenethyl ester derivative analogs of the C-terminal tetrapeptide of gastrin as potent gastrin antagonists. Journal of Medicinal Chemistry, 1986, 29, 2201-2206.	6.4	45
119	Synthesis and biological activities of pseudopeptide analogs of the C-terminal heptapeptide of cholecystokinin. On the importance of the peptide bonds. Journal of Medicinal Chemistry, 1987, 30, 1366-1373.	6.4	45
120	Microwave-assisted solid-phase synthesis of hydantoin derivatives. Tetrahedron Letters, 2007, 48, 5317-5320.	1.4	45
121	Microwave-assisted multi-step synthesis of novel pyrrolo-[3,2-c]quinoline derivatives. Tetrahedron, 2008, 64, 5949-5955.	1.9	45
122	Peptide Neurotoxins That Affect Voltage-Gated Calcium Channels: A Close-Up on Î ^o -Agatoxins. Toxins, 2011, 3, 17-42.	3.4	45
123	Solventless Synthesis of N-Protected Amino Acids in a Ball Mill. ACS Sustainable Chemistry and Engineering, 2013, 1, 1186-1191.	6.7	45
124	Peptide Mechanosynthesis by Direct Coupling of N ^o -Protected Î ^o -Amino Acids with Amino Esters. European Journal of Organic Chemistry, 2016, 2016, 3505-3508.	2.4	45
125	Oxyntomodulin (glucagon-37) and its C-terminal octapeptide inhibit gastric acid secretion. FEBS Letters, 1985, 188, 81-84.	2.8	44
126	Synthesis of novel poly(ethylene glycol) supported benzazepines: the crucial role of PEG on the selectivity of an intramolecular Heck reaction. Tetrahedron, 2006, 62, 10456-10466.	1.9	44

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127	Carboxamidomethyl esters (CAM esters) as carboxyl protecting groups.. Tetrahedron Letters, 1983, 24, 5219-5222.	1.4	43
128	Peptide Couplings by Reactive Extrusion: Solid-Tolerant and Free from Carcinogenic, Mutagenic and Reprotoxic Chemicals. ACS Sustainable Chemistry and Engineering, 2018, 6, 16001-16004.	6.7	43
129	Synthesis of chiral N-protected α -amino aldehydes by reduction of N-protected N-carboxyanhydrides (UNCAs). Tetrahedron Letters, 1994, 35, 9031-9034.	1.4	42
130	Polyethylene glycol (PEG) as polymeric support and phase-transfer catalyst in the soluble polymer liquid phase synthesis of α -amino esters. Tetrahedron Letters, 1998, 39, 821-824.	1.4	42
131	Evidence for a Direct Interaction between the Penultimate Aspartic Acid of Cholecystokinin and Histidine 207, Located in the Second Extracellular Loop of the Cholecystokinin B Receptor. Journal of Biological Chemistry, 1999, 274, 23191-23197.	3.4	42
132	A Microwave-Assisted Heck Reaction in Poly(ethylene glycol) for the Synthesis of Benzazepines. European Journal of Organic Chemistry, 2007, 2007, 201-208.	2.4	42
133	Investigation of Silicon-Based Nanostructure Morphology and Chemical Termination on Laser Desorption Ionization Mass Spectrometry Performance. Analytical Chemistry, 2012, 84, 10637-10644.	6.5	42
134	Iron-catalyzed benzamide formation. Application to the synthesis of moclobemide. Tetrahedron, 2014, 70, 5093-5099.	1.9	42
135	Expedient Mechanosynthesis of N,N -Dialkyl Imidazoliums and Silver(I)-Carbene Complexes in a Ball-Mill. Chemistry - A European Journal, 2015, 21, 17614-17617.	3.3	42
136	Use of coated capillaries for the electrophoretic separation of stereoisomers of a growth hormone secretagogue. Electrophoresis, 2009, 30, 3772-3779.	2.4	41
137	Comparison of inert supports in laser desorption/ionization mass spectrometry of peptides: pencil lead, porous silica gel, DIOS-chip and NALDI ⁺ target. Rapid Communications in Mass Spectrometry, 2009, 23, 2371-2379.	1.5	41
138	Evidence for a Role of NTS2 Receptors in the Modulation of Tonic Pain Sensitivity. Molecular Pain, 2009, 5, 1744-8069-5-38.	2.1	41
139	Solvent-free synthesis of unsaturated amino esters in a ball-mill. Tetrahedron Letters, 2010, 51, 6246-6249.	1.4	41
140	Inorganic polymerization: an attractive route to biocompatible hybrid hydrogels. Journal of Materials Chemistry B, 2018, 6, 3434-3448.	5.8	41
141	Evidence for dopaminomimetic effect of intrastriatally injected cholecystokinin octapeptide in mice. European Journal of Pharmacology, 1986, 121, 395-401.	3.5	40
142	Solid-phase synthesis of α -amino acids by radical addition to α -hydroxyalanine derivative. Tetrahedron Letters, 1999, 40, 4535-4538.	1.4	40
143	Molecular Basis for Selectivity of High Affinity Peptide Antagonists for the Gastrin-releasing Peptide Receptor. Journal of Biological Chemistry, 2001, 276, 36652-36663.	3.4	40
144	Imidazopyridine-fused [1,3]-diazepinones: Synthesis and antiproliferative activity. European Journal of Medicinal Chemistry, 2014, 75, 382-390.	5.5	40

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145	Palladium-catalyzed cascade allylation/carbopalladation/cross coupling: a novel three-component reaction for the synthesis of 3,3-disubstituted-2,3-dihydrobenzofurans. Tetrahedron Letters, 2003, 44, 8657-8659.	1.4	39
146	Synthesis and Biological Effects of c(Lys-Lys-Pro-Tyr-Ile-Leu-Lys-Lys-Pro-Tyr-Ile-Leu) (JMV2012), a New Analogue of Neurotensin that Crosses the BloodâBrain Barrier. Journal of Medicinal Chemistry, 2008, 51, 1610-1616.	6.4	39
147	Simple and Specific Grafting of Antibacterial Peptides on Silicone Catheters. Advanced Healthcare Materials, 2016, 5, 3067-3073.	7.6	39
148	Mechanochemistry for facilitated access to N,N-diaryl NHC metal complexes. New Journal of Chemistry, 2017, 41, 1057-1063.	2.8	39
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