Beatriz G De La Torre

List of Publications by Year
in descending order

202	5,370	81889	128286
papers	citations	39 h-index	60 g-index

218	218	218	5571
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Carbon nanotubes with DNA recognition. Nature, 2002, 420, 761-761.	27.8	490
2	The Pharmaceutical Industry in 2019. An Analysis of FDA Drug Approvals from the Perspective of Molecules. Molecules, 2020, 25, 745.	3.8	121
3	Peptide Therapeutics 2.0. Molecules, 2020, 25, 2293.	3.8	98
4	The Pharmaceutical Industry in 2018. An Analysis of FDA Drug Approvals from the Perspective of Molecules. Molecules, 2019, 24, 809.	3.8	95
5	The Pharmaceutical Industry in 2017. An Analysis of FDA Drug Approvals from the Perspective of Molecules. Molecules, 2018, 23, 533.	3.8	94
6	Enhanced Mucosal Immunoglobulin A Response and Solid Protection against Foot-and-Mouth Disease Virus Challenge Induced by a Novel Dendrimeric Peptide. Journal of Virology, 2008, 82, 7223-7230.	3.4	92
7	The Pharmaceutical Industry in 2020. An Analysis of FDA Drug Approvals from the Perspective of Molecules. Molecules, 2021, 26, 627.	3.8	87
8	Green Solid-Phase Peptide Synthesis 2. 2-Methyltetrahydrofuran and Ethyl Acetate for Solid-Phase Peptide Synthesis under Green Conditions. ACS Sustainable Chemistry and Engineering, 2016, 4, 6809-6814.	6.7	85
9	Greening Fmoc/tBu solid-phase peptide synthesis. Green Chemistry, 2020, 22, 996-1018.	9.0	85
10	Activity of Cecropin A-Melittin Hybrid Peptides against Colistin-Resistant Clinical Strains of Acinetobacter baumannii : Molecular Basis for the Differential Mechanisms of Action. Antimicrobial Agents and Chemotherapy, 2006, 50, 1251-1256.	3.2	84
11	Bactericidal and membrane disruption activities of the eosinophil cationic protein are largely retained in an N-terminal fragment. Biochemical Journal, 2009, 421, 425-434.	3.7	77
12	Synthesis and Biological Evaluation of a Teixobactin Analogue. Organic Letters, 2015, 17, 6182-6185.	4.6	77
13	Peptide synthesis beyond DMF: THF and ACN as excellent and friendlier alternatives. Organic and Biomolecular Chemistry, 2015, 13, 2393-2398.	2.8	69
14	2-Methyltetrahydrofuran and cyclopentyl methyl ether for green solid-phase peptide synthesis. Amino Acids, 2016, 48, 419-426.	2.7	69
15	Green Transformation of Solid-Phase Peptide Synthesis. ACS Sustainable Chemistry and Engineering, 2019, 7, 3671-3683.	6.7	67
16	Microwave-Assisted Green Solid-Phase Peptide Synthesis Using Î³-Valerolactone (GVL) as Solvent. ACS Sustainable Chemistry and Engineering, 2018, 6, 8034-8039.	6.7	65
17	Short AntiMicrobial Peptides (SAMPs) as a class of extraordinary promising therapeutic agents. Journal of Peptide Science, 2016, 22, 438-451.	1.4	64
18	Structural Dissection of Crotalicidin, a Rattlesnake Venom Cathelicidin, Retrieves a Fragment with Antimicrobial and Antitumor Activity. Journal of Medicinal Chemistry, 2015, 58, 8553-8563.	6.4	63

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19	Green solid-phase peptide synthesis 4. Î³-Valerolactone and N -formylmorpholine as green solvents for solid phase peptide synthesis. Tetrahedron Letters, 2017, 58, 2986-2988.	1.4	61
20	Vipericidins: a novel family of cathelicidin-related peptides from the venom gland of South American pit vipers. Amino Acids, 2014, 46, 2561-2571.	2.7	60
21	The Pharmaceutical Industry in 2021. An Analysis of FDA Drug Approvals from the Perspective of Molecules. Molecules, 2022, 27, 1075.	3.8	60
22	2019 FDA TIDES (Peptides and Oligonucleotides) Harvest. Pharmaceuticals, 2020, 13, 40.	3.8	54
23	Monitoring antibacterial permeabilization in real time using time-resolved flow cytometry. Biochimica Et Biophysica Acta - Biomembranes, 2015, 1848, 554-560.	2.6	53
24	Green Solid-Phase Peptide Synthesis (GSPPS) 3. Green Solvents for Fmoc Removal in Peptide Chemistry. Organic Process Research and Development, 2017, 21, 365-369.	2.7	52
25	Lysine Scanning of Arg₁₀â€“Teixobactin: Deciphering the Role of Hydrophobic and Hydrophilic Residues. ACS Omega, 2016, 1, 1262-1265.	3.5	51
26	2020 FDA TIDES (Peptides and Oligonucleotides) Harvest. Pharmaceuticals, 2021, 14, 145.	3.8	51
27	Stepwise solid-phase synthesis of oligonucleotide-peptide hybrids. Tetrahedron Letters, 1994, 35, 2733-2736.	1.4	50
28	Studies on the antimicrobial activity of cecropin A-melittin hybrid peptides in colistin-resistant clinical isolates of Acinetobacter baumannii. Journal of Antimicrobial Chemotherapy, 2006, 58, 95-100.	3.0	50
29	Hydroxamate siderophores: Natural occurrence, chemical synthesis, iron binding affinity and use as Trojan horses against pathogens. European Journal of Medicinal Chemistry, 2020, 208, 112791.	5.5	50
30	Full protection of swine against foot-and-mouth disease by a bivalent B-cell epitope dendrimer peptide. Antiviral Research, 2016, 129, 74-80.	4.1	49
31	Linkers: An Assurance for Controlled Delivery of Antibody-Drug Conjugate. Pharmaceutics, 2022, 14, 396.	4.5	48
32	2021 FDA TIDES (Peptides and Oligonucleotides) Harvest. Pharmaceuticals, 2022, 15, 222.	3.8	48
33	Synthesis and Binding Properties of Oligonucleotides Carrying Nuclear Localization Sequences. Bioconjugate Chemistry, 1999, 10, 1005-1012.	3.6	47
34	Therapeutic Index of Gramicidin S is Strongly Modulated by <scp>d</scp>-Phenylalanine Analogues at the Î²-Turn. Journal of Medicinal Chemistry, 2009, 52, 664-674.	6.4	46
35	Novel pyrazolyl-s-triazine derivatives, molecular structure and antimicrobial activity. Journal of Molecular Structure, 2017, 1145, 244-253.	3.6	45
36	2017 FDA Peptide Harvest. Pharmaceuticals, 2018, 11, 42.	3.8	44

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37	Solid-phase N-glycopeptide synthesis using allyl side-chain protected Fmoc-amino acids. Tetrahedron Letters, 1994, 35, 1033-1034.	1.4	42
38	Structural Analysis and Assembly of the HIV-1 Gp41 Amino-Terminal Fusion Peptide and the Pretransmembrane Amphipathic-At-Interface Sequence. Biochemistry, 2006, 45, 14337-14346.	2.5	42
39	A Novel Cell-Penetrating Peptide Sequence Derived by Structural Minimization of a Snake Toxin Exhibits Preferential Nucleolar Localization. Journal of Medicinal Chemistry, 2008, 51, 7041-7044.	6.4	42
40	Converting Teixobactin into a Cationic Antimicrobial Peptide (AMP). Journal of Medicinal Chemistry, 2017, 60, 7476-7482.	6.4	42
41	Nâ€methylation in amino acids and peptides: Scope and limitations. Biopolymers, 2018, 109, e23110.	2.4	41
42	Nucleic acid delivery by cell penetrating peptides derived from dengue virus capsid protein: design and mechanism of action. FEBS Journal, 2014, 281, 191-215.	4.7	40
43	Teixobactin as a scaffold for unlimited new antimicrobial peptides: SAR study. Bioorganic and Medicinal Chemistry, 2018, 26, 2788-2796.	3.0	40
44	2018 FDA Tides Harvest. Pharmaceuticals, 2019, 12, 52.	3.8	39
45	Breaking a Couple: Disulfide Reducing Agents. ChemBioChem, 2020, 21, 1947-1954.	2.6	39
46	Hoogsteen-Based Parallel-Stranded Duplexes of DNA. Effect of 8-Amino-purine Derivatives. Journal of the American Chemical Society, 2002, 124, 3133-3142.	13.7	38
47	Membrane-transferring Sequences of the HIV-1 Gp41 Ectodomain Assemble into an Immunogenic Complex. Journal of Molecular Biology, 2006, 360, 45-55.	4.2	38
48	Sequence Inversion and Phenylalanine Surrogates at the Î²-Turn Enhance the Antibiotic Activity of Gramicidin S. Journal of Medicinal Chemistry, 2010, 53, 4119-4129.	6.4	38
49	Design and synthesis of mono-and di-pyrazolyl-s-triazine derivatives, their anticancer profile in human cancer cell lines, and in vivo toxicity in zebrafish embryos. Bioorganic Chemistry, 2019, 87, 457-464.	4.1	37
50	Polyethyleneglycol-Based Resins as Solid Supports for the Synthesis of Difficult or Long Peptides. International Journal of Peptide Research and Therapeutics, 2007, 13, 265-270.	1.9	36
51	Liquid-Phase Peptide Synthesis (LPPS): A Third Wave for the Preparation of Peptides. Chemical Reviews, 2022, 122, 13516-13546.	47.7	35
52	Synthesis of multiple antigenic peptides (MAPs)â€”strategies and limitations. Journal of Peptide Science, 2011, 17, 247-251.	1.4	34
53	Molecular characterization of the interaction of crotamine-derived nucleolar targeting peptides with lipid membranes. Biochimica Et Biophysica Acta - Biomembranes, 2012, 1818, 2707-2717.	2.6	34
54	Re-evaluation of the N-terminal substitution and the D-residues of teixobactin. RSC Advances, 2016, 6, 73827-73829.	3.6	34

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55	Peptides conjugated to silver nanoparticles in biomedicine â€“ a â€œvalue-addedâ€•phenomenon. Biomaterials Science, 2016, 4, 1713-1725.	5.4	34
56	Naturally Occurring Oxazole-Containing Peptides. Marine Drugs, 2020, 18, 203.	4.6	34
57	Greening the Solid-Phase Peptide Synthesis Process. 2-MeTHF for the Incorporation of the First Amino Acid and Precipitation of Peptides after Global Deprotection. Organic Process Research and Development, 2018, 22, 1809-1816.	2.7	33
58	Refining the Eosinophil Cationic Protein Antibacterial Pharmacophore by Rational Structure Minimization. Journal of Medicinal Chemistry, 2011, 54, 5237-5244.	6.4	31
59	s-Triazine: A Privileged Structure for Drug Discovery and Bioconjugation. Molecules, 2021, 26, 864.	3.8	31
60	Improved method for the synthesis of o-glycosylated fmoc amino acids to be used in solid-phase glycopeptide synthesis (Fmoc = fluoren-9-ylmethoxycarbonyl). Journal of the Chemical Society Chemical Communications, 1990, , 965-967.	2.0	30
61	Lysine N^{Îµ}-Trimethylation, a Tool for Improving the Selectivity of Antimicrobial Peptides. Journal of Medicinal Chemistry, 2010, 53, 5587-5596.	6.4	30
62	Peptide vaccine candidates against classical swine fever virus: T cell and neutralizing antibody responses of dendrimers displaying E2 and NS2â€“3 epitopes. Journal of Peptide Science, 2011, 17, 24-31.	1.4	30
63	Exploring the Orthogonal Chemoselectivity of 2,4,6-Trichloro-1,3,5-Triazine (TCT) as a Trifunctional Linker With Different Nucleophiles: Rules of the Game. Frontiers in Chemistry, 2018, 6, 516.	3.6	30
64	The C-Terminus of H-Ras as a Target for the Covalent Binding of Reactive Compounds Modulating Ras-Dependent Pathways. PLoS ONE, 2011, 6, e15866.	2.5	30
65	Troubleshooting When Using Î³-Valerolactone (GVL) in Green Solid-Phase Peptide Synthesis. Organic Process Research and Development, 2019, 23, 1096-1100.	2.7	29
66	Nâ€Butylpyrrolidinone for Solidâ€Phase Peptide Synthesis is Environmentally Friendlier and Synthetically Better than DMF. ChemSusChem, 2020, 13, 5288-5294.	6.8	29
67	Oxyma-B, an excellent racemization suppressor for peptide synthesis. Organic and Biomolecular Chemistry, 2014, 12, 8379-8385.	2.8	28
68	The Pharmaceutical Industry in 2016. An Analysis of FDA Drug Approvals from a Perspective of the Molecule Type. Molecules, 2017, 22, 368.	3.8	28
69	Neo-glycopeptides: the importance of sugar core conformation in oxime-linked glycoprobes for interaction studies. Glycoconjugate Journal, 2008, 25, 879-887.	2.7	27
70	NMR Structural Determinants of Eosinophil Cationic Protein Binding toÂMembrane and Heparin Mimetics. Biophysical Journal, 2010, 98, 2702-2711.	0.5	27
71	Insights into the Uptake Mechanism of NrTP, A Cellâ€Penetrating Peptide Preferentially Targeting the Nucleolus of Tumour Cells. Chemical Biology and Drug Design, 2012, 79, 907-915.	3.2	27
72	Efficacy of cecropin A-melittin peptides on a sepsis model of infection by pan-resistant Acinetobacter baumannii. European Journal of Clinical Microbiology and Infectious Diseases, 2011, 30, 1391-1398.	2.9	26

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73	Influence of Conjugation Chemistry and B Epitope Orientation on the Immune Response of Branched Peptide Antigens. Bioconjugate Chemistry, 2013, 24, 578-585.	3.6	26
74	In Vitro Antibacterial Activity of Teixobactin Derivatives on Clinically Relevant Bacterial Isolates. Frontiers in Microbiology, 2018, 9, 1535.	3.5	25
75	Defeating Leishmania resistance to Miltefosine (hexadecylphosphocholine) by peptide-mediated drug smuggling: A proof of mechanism for trypanosomatid chemotherapy. Journal of Controlled Release, 2012, 161, 835-842.	9.9	24
76	Strategies and Limitations in Dendrimeric Immunogen Synthesis. The Influenza Virus M2e Epitope as a Case Study. Bioconjugate Chemistry, 2010, 21, 102-110.	3.6	23
77	Efficient Cellular Delivery of Î²-Galactosidase Mediated by NrTPs, a New Family of Cell-Penetrating Peptides. Bioconjugate Chemistry, 2011, 22, 2339-2344.	3.6	23
78	A T-cell epitope on NS3 non-structural protein enhances the B and T cell responses elicited by dendrimeric constructions against CSFV in domestic pigs. Veterinary Immunology and Immunopathology, 2012, 150, 36-46.	1.2	23
79	B Epitope Multiplicity and B/T Epitope Orientation Influence Immunogenicity of Foot-and-Mouth Disease Peptide Vaccines. Clinical and Developmental Immunology, 2013, 2013, 1-9.	3.3	23
80	1,3,5â€Triazino Peptide Derivatives: Synthesis, Characterization, and Preliminary Antileishmanial Activity. ChemMedChem, 2018, 13, 725-735.	3.2	23
81	Synthesis of Branched Oligonucleotides as Templates for the Assembly of Nanomaterials. Helvetica Chimica Acta, 2003, 86, 2814-2826.	1.6	22
82	A BODIPY-embedding miltefosine analog linked to cell-penetrating Tat(48-60) peptide favors intracellular delivery and visualization of the antiparasitic drug. Amino Acids, 2014, 46, 1047-1058.	2.7	22
83	Immobilized Coupling Reagents: Synthesis of Amides/Peptides. ACS Combinatorial Science, 2014, 16, 579-601.	3.8	22
84	EDCÂ·HCl and Potassium Salts of Oxyma and Oxymaâ€B as Superior Coupling Cocktails for Peptide Synthesis. European Journal of Organic Chemistry, 2015, 2015, 3116-3120.	2.4	22
85	Successful development of a method for the incorporation of Fmoc-Arg(Pbf)-OH in solid-phase peptide synthesis using N-butylpyrrolidinone (NBP) as solvent. Green Chemistry, 2020, 22, 3162-3169.	9.0	22
86	Structural Constraints Imposed by the Conserved Fusion Peptide on the HIV-1 gp41 Epitope Recognized by the Broadly Neutralizing Antibody 2F5. Journal of Physical Chemistry B, 2009, 113, 13626-13637.	2.6	21
87	Kinetic uptake profiles of cell penetrating peptides in lymphocytes and monocytes. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 4554-4563.	2.4	21
88	Investigating green ethers for the precipitation of peptides after global deprotection in solid-phase peptide synthesis. Current Opinion in Green and Sustainable Chemistry, 2018, 11, 99-103.	5.9	21
89	Barbiturate- and Thiobarbituarte-Based s-Triazine Hydrazone Derivatives with Promising Antiproliferative Activities. ACS Omega, 2020, 5, 15805-15811.	3.5	21
90	Reverse thioether ligation route to multimeric peptide antigens. Organic and Biomolecular Chemistry, 2012, 10, 3116.	2.8	20

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91	Inclusion of a specific T cell epitope increases the protection conferred against foot-and-mouth disease virus in pigs by a linear peptide containing an immunodominant B cell site. Virology Journal, 2012, 9, 66.	3.4	20
92	Investigation of the N-Terminus Amino Function of Arg10-Teixobactin. Molecules, 2017, 22, 1632.	3.8	20
93	Scope and Limitations of Î³-Valerolactone (GVL) as a Green Solvent to be Used with Base for Fmoc Removal in Solid Phase Peptide Synthesis. Molecules, 2019, 24, 4004.	3.8	20
94	Novel formulation of antimicrobial peptides enhances antimicrobial activity against methicillin-resistant Staphylococcus aureus (MRSA). Amino Acids, 2020, 52, 1439-1457.	2.7	20
95	Monitoring Gene Therapy by External Imaging of mRNA: Pilot Study on Murine Erythropoietin. Therapeutic Drug Monitoring, 2007, 29, 612-618.	2.0	19
96	Optimized synthesis of aminooxy-peptides as glycoprobe precursors for surface-based sugarâ€“protein interaction studies. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 5155-5158.	2.2	19
97	Influence of Lysine NÎµ-Trimethylation and Lipid Composition on the Membrane Activity of the Cecropin A-Melittin Hybrid Peptide CA(1â¯7)M(2â¯9)â€. Journal of Physical Chemistry B, 2010, 114, 16198-16208.	2.6	19
98	Dendrimeric peptides can confer protection against foot-and-mouth disease virus in cattle. PLoS ONE, 2017, 12, e0185184.	2.5	19
99	Î³-Valerolactone (GVL): An eco-friendly anchoring solvent for solid-phase peptide synthesis. Tetrahedron Letters, 2019, 60, 151058.	1.4	19
100	Reâ€evaluating the stability of COMU in different solvents. Journal of Peptide Science, 2017, 23, 763-768.	1.4	18
101	Microreactors for peptide synthesis: looking through the eyes of twenty first century !!!. Amino Acids, 2014, 46, 2091-2104.	2.7	17
102	Di- and tri-substituted s-triazine derivatives: Synthesis, characterization, anticancer activity in human breast-cancer cell lines, and developmental toxicity in zebrafish embryos. Bioorganic Chemistry, 2020, 94, 103397.	4.1	17
103	Synthesis and characterisation of thiobarbituric acid enamine derivatives, and evaluation of their Î±-glucosidase inhibitory and anti-glycation activity. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 692-701.	5.2	17
104	Hybridization and Melting Behavior of Peptide Nucleic Acid (PNA) Oligonucleotide Chimeras Conjugated to Gold Nanoparticles. Helvetica Chimica Acta, 2004, 87, 2727-2734.	1.6	16
105	Mutations That Hamper Dimerization of Foot-and-Mouth Disease Virus 3A Protein Are Detrimental for Infectivity. Journal of Virology, 2012, 86, 11013-11023.	3.4	16
106	Facile solid-phase synthesis of head-side chain cyclothiodepsipeptides through a cyclative cleavage from MeDbz-resin. Tetrahedron Letters, 2017, 58, 2788-2791.	1.4	16
107	Synthesis and Antimicrobial Activity of a New Series of Thiazolidine-2,4-diones Carboxamide and Amino Acid Derivatives. Molecules, 2020, 25, 105.	3.8	16
108	Parallel-stranded hairpins containing 8-aminopurines. novel efficient probes for triple-helix formation. Bioorganic and Medicinal Chemistry Letters, 2001, 11, 1761-1763.	2.2	15

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109	An improved and efficient strategy for the total synthesis of a colistin-like peptide. Tetrahedron Letters, 2016, 57, 1885-1888.	1.4	15
110	Understanding Tetrahydropyranyl as a Protecting Group in Peptide Chemistry. ChemistryOpen, 2017, 6, 168-177.	1.9	15
111	Peptides as models for the structure and function of viral capsid proteins: Insights on dengue virus capsid. Biopolymers, 2013, 100, 325-336.	2.4	14
112	An optimized Fmoc synthesis of human defensin 5. Amino Acids, 2014, 46, 395-400.	2.7	14
113	Solid-Phase Synthesis of Pyrrole Derivatives through a Multicomponent Reaction Involving Lys-Containing Peptides. ACS Combinatorial Science, 2018, 20, 187-191.	3.8	14
114	Solid-phase synthesis of homodetic cyclic peptides from Fmoc-MeDbz-resin. Tetrahedron Letters, 2018, 59, 1779-1782.	1.4	14
115	Amide Formation: Choosing the Safer Carbodiimide in Combination with OxymaPure to Avoid HCN Release. Organic Letters, 2021, 23, 6900-6904.	4.6	14
116	Synthesis and Antiproliferative Activity of a New Series of Mono- and Bis(dimethylpyrazolyl)-s-triazine Derivatives Targeting EGFR/PI3K/AKT/mTOR Signaling Cascades. ACS Omega, 2022, 7, 24858-24870.	3.5	14
117	Synthesis of 16-mercaptohexadecylphosphocholine, a miltefosine analog with leishmanicidal activity. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 5190-5193.	2.2	13
118	Solid-phase peptide synthesis (SPPS), C-terminal vs. side-chain anchoring: a reality or a myth. Amino Acids, 2014, 46, 1827-1838.	2.7	13
119	CHAPTER 18. Solid-Phase Peptide Synthesis, the State of the Art: Challenges and Opportunities. RSC Drug Discovery Series, 0, , 518-550.	0.3	13
120	Exploiting the Thiobarbituric Acid Scaffold for Antibacterial Activity. ChemMedChem, 2018, 13, 1923-1930.	3.2	12
121	Cyclic amino acid linkers stabilizing key loops of brain derived neurotrophic factor. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 444-448.	2.2	11
122	Quantifying molecular partition of cellâ€penetrating peptideâ€“cargo supramolecular complexes into lipid membranes: optimizing peptideâ€based drug delivery systems. Journal of Peptide Science, 2013, 19, 182-189.	1.4	11
123	TOMBU and COMBU as Novel Uronium-Type Peptide Coupling Reagents Derived from Oxyma-B. Molecules, 2014, 19, 18953-18965.	3.8	11
124	Immune Response and Partial Protection against Heterologous Foot-and-Mouth Disease Virus Induced by Dendrimer Peptides in Cattle. Journal of Immunology Research, 2018, 2018, 1-12.	2.2	11
125	Cleaving protected peptides from 2-chlorotrityl chloride resin. Moving away from dichloromethane. Green Chemistry, 2020, 22, 2840-2845.	9.0	11
126	Rhodiasolv PolarClean â€“ a greener alternative in solid-phase peptide synthesis. Green Chemistry Letters and Reviews, 2021, 14, 545-550.	4.7	11

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127	An efficient solid-phase strategy for total synthesis of naturally occurring amphiphilic marine siderophores: amphibactin-T and moanachelin ala-B. Organic and Biomolecular Chemistry, 2015, 13, 4760-4768.	2.8	10
128	Synthesis, in vitro evaluation, and ⁶⁸Gaâ€radiolabeling of <scp>CDP</scp>1 toward <scp>PET</scp>/<scp>CT</scp> imaging of bacterial infection. Chemical Biology and Drug Design, 2017, 90, 572-579.	3.2	10
129	Disulfide-Based Protecting Groups for the Cysteine Side Chain. Organic Letters, 2020, 22, 9644-9647.	4.6	10
130	Solid-phase peptide synthesis using NÎ±-trityl-amino acids. International Journal of Peptide Research and Therapeutics, 2001, 8, 331-338.	0.1	9
131	Anti-EPO and anti-NESP antibodies raised against synthetic peptides that reproduce the minimal amino acid sequence differences between EPO and NESP. Analytical and Bioanalytical Chemistry, 2007, 388, 1531-1538.	3.7	9
132	On choosing the right ether for peptide precipitation after acid cleavage. Journal of Peptide Science, 2008, 14, 360-363.	1.4	9
133	A genetic fiber modification to achieve matrix-metalloprotease-activated infectivity of oncolytic adenovirus. Journal of Controlled Release, 2014, 192, 148-156.	9.9	9
134	Highly chemoselective ligation of thiol- and amino-peptides on a bromomaleimide core. Chemical Communications, 2016, 52, 2334-2337.	4.1	9
135	Investigating Triorthogonal Chemoselectivity. Effect of Azide Substitution on the Triazine Core. Organic Letters, 2019, 21, 7888-7892.	4.6	9
136	Propylphosphonic Anhydride (T3PÂ®) as Coupling Reagent for Solidâ€Phase Peptide Synthesis. ChemistrySelect, 2021, 6, 2649-2657.	1.5	9
137	Refractive Index: The Ultimate Tool for Real-Time Monitoring of Solid-Phase Peptide Synthesis. Greening the Process. Organic Process Research and Development, 2021, 25, 1047-1053.	2.7	9
138	Bypassing Osmotic Shock Dilemma in a Polystyrene Resin Using the Green Solvent Cyclopentyl methyl Ether (CPME): A Morphological Perspective. Polymers, 2019, 11, 874.	4.5	8
139	Novel 4,6-Disubstituted s-Triazin-2-yl Amino Acid Derivatives as Promising Antifungal Agents. Journal of Fungi (Basel, Switzerland), 2020, 6, 237.	3.5	8
140	Somuncurins: Bioactive Peptides from the Skin of the Endangered Endemic Patagonian Frog Pleurodema somuncurense. Journal of Natural Products, 2020, 83, 972-984.	3.0	8
141	Minimizing side reactions during amide formation using DIC and oxymapure in solid-phase peptide synthesis. Tetrahedron Letters, 2021, 85, 153462.	1.4	8
142	Use of a Base-Labile Protected Derivative of 6-Mercaptohexanol for the Preparation of Oligonucleotides Containing a Thiol Group at the 5â€²-End. Nucleosides & Nucleotides, 1993, 12, 993-1005.	0.5	7
143	Synthesis of labelled PNA oligomers by a post-synthetic modification approach. Bioorganic and Medicinal Chemistry Letters, 2003, 13, 391-393.	2.2	7
144	Optimized Microwave Assisted Synthesis of LL37, a Cathelicidin Human Antimicrobial Peptide. International Journal of Peptide Research and Therapeutics, 2015, 21, 13-20.	1.9	7

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145	A Facile Synthesis of NODASA-Functionalized Peptide. Synlett, 2016, 27, 1685-1688.	1.8	7
146	Synthesis, Characterization, and Tautomerism of 1,3-Dimethyl Pyrimidine-2,4,6-Trione s-Triazinyl Hydrazine/Hydrazone Derivatives. Journal of Chemistry, 2017, 2017, 1-10.	1.9	7
147	Application of Decafluorobiphenyl (DFBP) Moiety as a Linker in Bioconjugation. Bioconjugate Chemistry, 2018, 29, 225-233.	3.6	7
148	Bacteria Hunt Bacteria through an Intriguing Cyclic Peptide. ChemMedChem, 2018, 14, 24-51.	3.2	7
149	Calculating Resin Functionalization in Solid-Phase Peptide Synthesis Using a Standardized Method based on Fmoc Determination. ACS Combinatorial Science, 2019, 21, 717-721.	3.8	7
150	2-(Dibenzylamino)butane-1,4-dithiol (DABDT), a Friendly Disulfide-Reducing Reagent Compatible with a Broad Range of Solvents. Organic Letters, 2019, 21, 10111-10114.	4.6	7
151	Revisiting NO2 as Protecting Group of Arginine in Solid-Phase Peptide Synthesis. International Journal of Molecular Sciences, 2020, 21, 4464.	4.1	7
152	Solid-Phase Synthesis of Head to Side-Chain Tyr-Cyclodepsipeptides Through a Cyclative Cleavage From Fmoc-MeDbz/MeNbz-resins. Frontiers in Chemistry, 2020, 8, 298.	3.6	7
153	The Antiproliferative and Apoptotic Effect of a Novel Synthesized S-Triazine Dipeptide Series, and Toxicity Screening in Zebrafish Embryos. Molecules, 2021, 26, 1170.	3.8	7
154	Chemoselective Disulfide Formation by Thiol-Disulfide Interchange in SIT-Protected Cysteinyl Peptides. Journal of Organic Chemistry, 2022, 87, 708-712.	3.2	7
155	The induction of NOS2 expression by the hybrid cecropin Aâ€“melittin antibiotic peptide CA(1â€“8)M(1â€“18) in the monocytic line RAW 264.7 is triggered by a temporary and reversible plasma membrane permeation. Biochimica Et Biophysica Acta - Molecular Cell Research, 2006, 1763, 110-119.	4.1	6
156	6-(Bromomaleimido)hexanoic Acid as a Connector for the Construction of Multiple Branched Peptide Platforms. Organic Letters, 2015, 17, 464-467.	4.6	6
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