Fernando Albericio

List of Publications by Year in descending order

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835	30,367	6233	12910
papers	citations	80 h-index	131 g-index

942	942	942	24476
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Pharmaceutical Industry in 2021. An Analysis of FDA Drug Approvals from the Perspective of Molecules. Molecules, 2022, 27, 1075.	1.7	60
2	Linkers: An Assurance for Controlled Delivery of Antibody-Drug Conjugate. Pharmaceutics, 2022, 14, 396.	2.0	48
3	Understanding OxymaPure as a Peptide Coupling Additive: A Guide to New Oxyma Derivatives. ACS Omega, 2022, 7, 6007-6023.	1.6	6
4	2021 FDA TIDES (Peptides and Oligonucleotides) Harvest. Pharmaceuticals, 2022, 15, 222.	1.7	48
5	Amino-Li-Resinâ€"A Fiber Polyacrylamide Resin for Solid-Phase Peptide Synthesis. Polymers, 2022, 14, 928.	2.0	4
6	Chemoselective Disulfide Formation by Thiol-Disulfide Interchange in SIT-Protected Cysteinyl Peptides. Journal of Organic Chemistry, 2022, 87, 708-712.	1.7	7
7	In situ Fmoc removal â€“ a sustainable solid-phase peptide synthesis approach. Green Chemistry, 2022, 24, 4887-4896.	4.6	6
8	Morphological behavior of fullereneâ€steroid hybrid derivatives. Surface and Interface Analysis, 2022, 54, 1041-1051.	0.8	2
9	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.	1.6	14
10	Liquid-Phase Peptide Synthesis (LPPS): A Third Wave for the Preparation of Peptides. Chemical Reviews, 2022, 122, 13516-13546.	23.0	35
11	NOXA upregulation by the prohibitinâ€binding compound fluorizoline is transcriptionally regulated by integrated stress responseâ€induced ATF3 and ATF4. FEBS Journal, 2021, 288, 1271-1285.	2.2	18
12	Lactoferrin-dual drug nanoconjugate: Synergistic anti-tumor efficacy of docetaxel and the NF-ÎºB inhibitor celastrol. Materials Science and Engineering C, 2021, 118, 111422.	3.8	27
13	1,3,5-Triazine as core for the preparation of dendrons. Arkivoc, 2021, 2020, 64-73.	0.3	2
14	The Pharmaceutical Industry in 2020. An Analysis of FDA Drug Approvals from the Perspective of Molecules. Molecules, 2021, 26, 627.	1.7	87
15	Harnessing polarity and viscosity to identify green binary solvent mixtures as viable alternatives to DMF in solid-phase peptide synthesis. Green Chemistry, 2021, 23, 3295-3311.	4.6	32
16	Green solvents in the biotechnology-based pharmaceutical industry. , 2021, , 87-104.		2
17	Nature-inspired dimerization as a strategy to modulate neuropeptide pharmacology exemplified with vasopressin and oxytocin. Chemical Science, 2021, 12, 4057-4062.	3.7	12
18	Replacing DMF in solid-phase peptide synthesis: varying the composition of green binary solvent mixtures as a tool to mitigate common side-reactions. Green Chemistry, 2021, 23, 3312-3321.	4.6	24

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19	Structure-Acid Lability Relationship of N-alkylated Î±,Î±-dialkylglycine Obtained via a Ugi Multicomponent Reaction. Molecules, 2021, 26, 197.	1.7	2
20	A native mass spectrometry platform identifies HOP inhibitors that modulate the HSP90â€“HOP proteinâ€“protein interaction. Chemical Communications, 2021, 57, 10919-10922.	2.2	3
21	2020 FDA TIDES (Peptides and Oligonucleotides) Harvest. Pharmaceuticals, 2021, 14, 145.	1.7	51
22	Propylphosphonic Anhydride (T3PÂ®) as Coupling Reagent for Solidâ€Phase Peptide Synthesis. ChemistrySelect, 2021, 6, 2649-2657.	0.7	9
23	Liquid Phase Peptide Synthesis via Oneâ€Pot Nanostar Sieving (PEPSTAR). Angewandte Chemie - International Edition, 2021, 60, 7786-7795.	7.2	20
24	An Androsteroneâ€H₂@C₆₀hybrid: Synthesis, Properties and Molecular Docking Simulations with SARSâ€Covâ€2. ChemPlusChem, 2021, 86, 972-981.	1.3	9
25	The Antiproliferative and Apoptotic Effect of a Novel Synthesized S-Triazine Dipeptide Series, and Toxicity Screening in Zebrafish Embryos. Molecules, 2021, 26, 1170.	1.7	7
26	Liquid Phase Peptide Synthesis via Oneâ€Pot Nanostar Sieving (PEPSTAR). Angewandte Chemie, 2021, 133, 7865-7874.	1.6	4
27	s-Triazine: A Privileged Structure for Drug Discovery and Bioconjugation. Molecules, 2021, 26, 864.	1.7	31
28	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.	1.3	9
29	Improving the Gastrointestinal Stability of Linaclotide. Journal of Medicinal Chemistry, 2021, 64, 8384-8390.	2.9	14
30	Targeting Energy Expenditureâ€”Drugs for Obesity Treatment. Pharmaceuticals, 2021, 14, 435.	1.7	16
31	An Androsteroneâ€H 2 @C 60 hybrid: Synthesis, Properties and Molecular Docking Simulations with SARSâ€Covâ€2. ChemPlusChem, 2021, 86, 970-971.	1.3	2
32	Scope and Limitations of Barbituric and Thiobarbituric Amino Acid Derivatives as Protecting Groups for Solidâ€Phase Peptide Synthesis: Towards a Green Protecting Group. ChemistrySelect, 2021, 6, 6626-6630.	0.7	3
33	Super-Cationic Peptide Dendrimersâ€”Synthesis and Evaluation as Antimicrobial Agents. Antibiotics, 2021, 10, 695.	1.5	5
34	Latest Advances on Synthesis, Purification, and Characterization of Peptides and Their Applications. Applied Sciences (Switzerland), 2021, 11, 5593.	1.3	3
35	A novel â€˜smartâ€™ PNIPAM-based copolymer for breast cancer targeted therapy: Synthesis, and characterization of dual pH/temperature-responsive lactoferrin-targeted PNIPAM-co-AA. Colloids and Surfaces B: Biointerfaces, 2021, 202, 111694.	2.5	38
36	Effects of elderflower extract enriched with polyphenols on antioxidant defense of salmon leukocytes. Electronic Journal of Biotechnology, 2021, 52, 13-20.	1.2	5

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37	Fully Automated Screening of a Combinatorial Library to Avoid False Positives: Application to Tetanus Toxoid Ligand Identification. ACS Omega, 2021, 6, 18756-18762.	1.6	1
38	Rhodiasolv PolarClean â€“ a greener alternative in solid-phase peptide synthesis. Green Chemistry Letters and Reviews, 2021, 14, 545-550.	2.1	11
39	Synthesis of New Peptideâ€Based Ligands with 1,2â€HOPO Pendant Chelators and Thermodynamic Evaluation of Their Iron(III) Complexes**. ChemistrySelect, 2021, 6, 7674-7681.	0.7	1
40	Tea Bags for Fmoc Solid-Phase Peptide Synthesis: An Example of Circular Economy. Molecules, 2021, 26, 5035.	1.7	19
41	Amide Formation: Choosing the Safer Carbodiimide in Combination with OxymaPure to Avoid HCN Release. Organic Letters, 2021, 23, 6900-6904.	2.4	14
42	Novel Biomimetic Human TLR2-Derived Peptides for Potential Targeting of Lipoteichoic Acid: An In Silico Assessment. Biomedicines, 2021, 9, 1063.	1.4	1
43	Evaluation of the tert-butyl group as a probe for NMR studies of macromolecular complexes. Journal of Biomolecular NMR, 2021, 75, 347-363.	1.6	4
44	In vivo micro computed tomography detection and decrease in amyloid load by using multifunctionalized gold nanorods: a neurotheranostic platform for Alzheimer's disease. Biomaterials Science, 2021, 9, 4178-4190.	2.6	14
45	Minimizing side reactions during amide formation using DIC and oxymapure in solid-phase peptide synthesis. Tetrahedron Letters, 2021, 85, 153462.	0.7	8
46	NIR and glutathione trigger the surface release of methotrexate linked by Diels-Alder adducts to anisotropic gold nanoparticles. Materials Science and Engineering C, 2021, 131, 112512.	3.8	10
47	A short peptide fragment of the vascular endothelial growth factor as a novel ligand for bevacizumab purification. Protein Expression and Purification, 2020, 165, 105500.	0.6	4
48	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.	2.0	17
49	Synthesis and Antimicrobial Activity of a New Series of Thiazolidine-2,4-diones Carboxamide and Amino Acid Derivatives. Molecules, 2020, 25, 105.	1.7	16
50	Protocol for bevacizumab purification using Ac-PHQGQHIGVSK-agarose. MethodsX, 2020, 7, 100769.	0.7	2
51	Hydroxamate siderophores: Natural occurrence, chemical synthesis, iron binding affinity and use as Trojan horses against pathogens. European Journal of Medicinal Chemistry, 2020, 208, 112791.	2.6	50
52	Novel formulation of antimicrobial peptides enhances antimicrobial activity against methicillin-resistant Staphylococcus aureus (MRSA). Amino Acids, 2020, 52, 1439-1457.	1.2	20
53	Exploiting azido-dichloro-triazine as a linker for regioselective incorporation of peptides through their N, O, S functional groups. Bioorganic Chemistry, 2020, 104, 104334.	2.0	3
54	Disulfide-Based Protecting Groups for the Cysteine Side Chain. Organic Letters, 2020, 22, 9644-9647.	2.4	10

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55	Solid-phase synthesis of peptides containing 1-Hydroxypyridine-2-one (1,2-HOPO). Tetrahedron Letters, 2020, 61, 152299.	0.7	2
56	Nâ€Butylpyrrolidinone for Solidâ€Phase Peptide Synthesis is Environmentally Friendlier and Synthetically Better than DMF. ChemSusChem, 2020, 13, 5288-5294.	3.6	29
57	Radical Dendrimers Based on Biocompatible Oligoethylene Glycol Dendrimers as Contrast Agents for MRI. Pharmaceutics, 2020, 12, 772.	2.0	18
58	Novel 4,6-Disubstituted s-Triazin-2-yl Amino Acid Derivatives as Promising Antifungal Agents. Journal of Fungi (Basel, Switzerland), 2020, 6, 237.	1.5	8
59	Editorial: Chemical Design and Biomedical Applications of Disulfide-rich Peptides: Challenges and Opportunities. Frontiers in Chemistry, 2020, 8, 586377.	1.8	4
60	The tea-bag protocol for comparison of Fmoc removal reagents in solid-phase peptide synthesis. Amino Acids, 2020, 52, 1201-1205.	1.2	18
61	Protocol for efficient solid-phase synthesis of peptides containing 1-hydroxypyridine-2-one (1,2-HOPO). MethodsX, 2020, 7, 101082.	0.7	2
62	Insights into the chemistry of the amphibactinâ€“metal (M3+) interaction and its role in antibiotic resistance. Scientific Reports, 2020, 10, 21049.	1.6	3
63	Identification of New Ocellatin Antimicrobial Peptides by cDNA Precursor Cloning in the Frame of This Family of Intriguing Peptides. Antibiotics, 2020, 9, 751.	1.5	3
64	Peptide Therapeutics 2.0. Molecules, 2020, 25, 2293.	1.7	98
65	Synthetic peptides to produce antivenoms against the Cys-rich toxins of arachnids. Toxicon: X, 2020, 6, 100038.	1.2	4
66	Enamine Barbiturates and Thiobarbiturates as a New Class of Bacterial Urease Inhibitors. Applied Sciences (Switzerland), 2020, 10, 3523.	1.3	5
67	Protocol for synthesis of di- and tri-substituted s-triazine derivatives. MethodsX, 2020, 7, 100825.	0.7	2
68	2019 FDA TIDES (Peptides and Oligonucleotides) Harvest. Pharmaceuticals, 2020, 13, 40.	1.7	54
69	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.	2.5	17
70	Synthesis of Stable Cholesterylâ€“Polyethylene Glycolâ€“Peptide Conjugates with Non-Disperse Polyethylene Glycol Lengths. ACS Omega, 2020, 5, 5508-5519.	1.6	3
71	Breaking a Couple: Disulfide Reducing Agents. ChemBioChem, 2020, 21, 1947-1954.	1.3	39
72	Use of a phosphopeptide as a ligand to purify phospholipase A2 from the venom of Crotalus durisuss terrificus by affinity chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1146, 122070.	1.2	6

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73	From Ugi Multicomponent Reaction to Linkers for Bioconjugation. ACS Omega, 2020, 5, 7424-7431.	1.6	10
74	Somuncurins: Bioactive Peptides from the Skin of the Endangered Endemic Patagonian Frog Pleurodema somuncurense. Journal of Natural Products, 2020, 83, 972-984.	1.5	8
75	Crystal Structure and Theoretical Investigation of Thiobarbituric Acid Derivatives as Nonlinear Optical (NLO) Materials. Crystals, 2020, 10, 442.	1.0	2
76	Revisiting NO2 as Protecting Group of Arginine in Solid-Phase Peptide Synthesis. International Journal of Molecular Sciences, 2020, 21, 4464.	1.8	7
77	Barbiturate- and Thiobarbituarte-Based s-Triazine Hydrazone Derivatives with Promising Antiproliferative Activities. ACS Omega, 2020, 5, 15805-15811.	1.6	21
78	The Pharmaceutical Industry in 2019. An Analysis of FDA Drug Approvals from the Perspective of Molecules. Molecules, 2020, 25, 745.	1.7	121
79	Gold nanoparticle based double-labeling of melanoma extracellular vesicles to determine the specificity of uptake by cells and preferential accumulation in small metastatic lung tumors. Journal of Nanobiotechnology, 2020, 18, 20.	4.2	68
80	Greening Fmoc/tBu solid-phase peptide synthesis. Green Chemistry, 2020, 22, 996-1018.	4.6	85
81	Phenol as a Modulator in the Chemical Reactivity of 2,4,6-Trichloro-1,3,5-triazine: Rules of the Game II. Australian Journal of Chemistry, 2020, 73, 352.	0.5	5
82	Carpino's protecting groups, beyond the Boc and the Fmoc. Peptide Science, 2020, 112, e24164.	1.0	7
83	Cleaving protected peptides from 2-chlorotrityl chloride resin. Moving away from dichloromethane. Green Chemistry, 2020, 22, 2840-2845.	4.6	11
84	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.	1.8	7
85	Naturally Occurring Oxazole-Containing Peptides. Marine Drugs, 2020, 18, 203.	2.2	34
86	Gold Nanoparticles Mediate Improved Detection of Î²-amyloid Aggregates by Fluorescence. Nanomaterials, 2020, 10, 690.	1.9	28
87	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.	4.6	22
88	OxymaPure Coupling Reagents: Beyond Solid-Phase Peptide Synthesis. Synthesis, 2020, 52, 3189-3210.	1.2	6
89	s-Triazine: A Multidisciplinary and International Journey. Chemistry Proceedings, 2020, 3, .	0.1	0
90	Î³-Valerolactone (GVL): An eco-friendly anchoring solvent for solid-phase peptide synthesis. Tetrahedron Letters, 2019, 60, 151058.	0.7	19

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91	Identification of Antimicrobial Peptides from the Microalgae Tetraselmis suecica (Kylin) Butcher and Bactericidal Activity Improvement. Marine Drugs, 2019, 17, 453.	2.2	74
92	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
93	Chemical Modification of Microcin J25 Reveals New Insights on the Stereospecific Requirements for Antimicrobial Activity. International Journal of Molecular Sciences, 2019, 20, 5152.	1.8	11
94	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.	1.7	20
95	Antibiotic Resistance: From the Bench to Patients. Antibiotics, 2019, 8, 129.	1.5	91
96	Investigating Triorthogonal Chemoselectivity. Effect of Azide Substitution on the Triazine Core. Organic Letters, 2019, 21, 7888-7892.	2.4	9
97	Green Transformation of Solid-Phase Peptide Synthesis. ACS Sustainable Chemistry and Engineering, 2019, 7, 3671-3683.	3.2	67
98	Large-Area Biomolecule Nanopatterns on Diblock Copolymer Surfaces for Cell Adhesion Studies. Nanomaterials, 2019, 9, 579.	1.9	6
99	Bypassing Osmotic Shock Dilemma in a Polystyrene Resin Using the Green Solvent Cyclopentyl methyl Ether (CPME): A Morphological Perspective. Polymers, 2019, 11, 874.	2.0	8
100	Optimized Stepwise Synthesis of the API Liraglutide Using BAL Resin and Pseudoprolines. ACS Omega, 2019, 4, 8674-8680.	1.6	8
101	2018 FDA Tides Harvest. Pharmaceuticals, 2019, 12, 52.	1.7	39
102	Carbosilane Dendronâ€“Peptide Nanoconjugates as Antimicrobial Agents. Molecular Pharmaceutics, 2019, 16, 2661-2674.	2.3	27
103	Pseudo-Wang Handle for the Preparation of Fully Protected Peptides. Synthesis of Liraglutide by Fragment Condensation. Organic Letters, 2019, 21, 2459-2463.	2.4	11
104	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.	2.0	37
105	Troubleshooting When Using Î³-Valerolactone (GVL) in Green Solid-Phase Peptide Synthesis. Organic Process Research and Development, 2019, 23, 1096-1100.	1.3	29
106	The Pharmaceutical Industry in 2018. An Analysis of FDA Drug Approvals from the Perspective of Molecules. Molecules, 2019, 24, 809.	1.7	95
107	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.	2.4	7
108	Report of in vitro antileishmanial properties of Iberian macroalgae. Natural Product Research, 2019, 33, 1778-1782.	1.0	5

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109	OctaGel Resin - A New PEG-PS-based Solid Support for Solid-Phase Peptide Synthesis. Letters in Organic Chemistry, 2019, 16, 935-940.	0.2	4
110	Efficient Route for Synthesis of Enamines from 1,3-Alkyl-2-Thioxodihydropyrimidine-4,6(1H,5H)-dione Enols. Letters in Organic Chemistry, 2019, 16, 538-540.	0.2	0
111	Toward the Synthesis of Phormidolides. ACS Omega, 2018, 3, 2351-2362.	1.6	5
112	Bioconjugation through Mesitylene Thiol Alkylation. Bioconjugate Chemistry, 2018, 29, 1199-1208.	1.8	5
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	1,3,5â€Triazino Peptide Derivatives: Synthesis, Characterization, and Preliminary Antileishmanial Activity. ChemMedChem, 2018, 13, 725-735.	1.6	23
115	Application of Decafluorobiphenyl (DFBP) Moiety as a Linker in Bioconjugation. Bioconjugate Chemistry, 2018, 29, 225-233.	1.8	7
116	Identification of New Activators of Mitochondrial Fusion Reveals a Link between Mitochondrial Morphology and Pyrimidine Metabolism. Cell Chemical Biology, 2018, 25, 268-278.e4.	2.5	84
117	3D Electrophoresisâ€Assisted Lithography (3DEAL): 3D Molecular Printing to Create Functional Patterns and Anisotropic Hydrogels. Advanced Functional Materials, 2018, 28, 1703014.	7.8	13
118	Single step recombinant human growth hormone (rhGH) purification from milk by peptide affinity chromatography. Biotechnology Progress, 2018, 34, 999-1005.	1.3	3
119	Microwave-Assisted Green Solid-Phase Peptide Synthesis Using Î³-Valerolactone (GVL) as Solvent. ACS Sustainable Chemistry and Engineering, 2018, 6, 8034-8039.	3.2	65
120	Solid-phase synthesis of homodetic cyclic peptides from Fmoc-MeDbz-resin. Tetrahedron Letters, 2018, 59, 1779-1782.	0.7	14
121	Exploring the influence of Dielsâ€“Alder linker length on photothermal molecule release from gold nanorods. Colloids and Surfaces B: Biointerfaces, 2018, 166, 323-329.	2.5	11
122	Nâ€methylation in amino acids and peptides: Scope and limitations. Biopolymers, 2018, 109, e23110.	1.2	41
123	Teixobactin as a scaffold for unlimited new antimicrobial peptides: SAR study. Bioorganic and Medicinal Chemistry, 2018, 26, 2788-2796.	1.4	40
124	Improved pharmacokinetic profile of lipophilic anti-cancer drugs using Î±Î½Î²3-targeted polyurethane-polyurea nanoparticles. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 257-267.	1.7	13
125	Crystal structure, spectroscopic studies and theoretical studies of thiobarbituric acid derivatives: understanding the hydrogen-bonding patterns. Acta Crystallographica Section C, Structural Chemistry, 2018, 74, 1703-1714.	0.2	4
126	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.	1.3	33

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127	Leptodactylus latrans Amphibian Skin Secretions as a Novel Source for the Isolation of Antibacterial Peptides. Molecules, 2018, 23, 2943.	1.7	7
128	Perfluorophenyl Derivatives as Unsymmetrical Linkers for Solid Phase Conjugation. Frontiers in Chemistry, 2018, 6, 589.	1.8	5
129	Welcome to the New Journal Methods and Protocols. Methods and Protocols, 2018, 1, 1.	0.9	5
130	Hydroxylamine Derivatives as a New Paradigm in the Search of Antibacterial Agents. ACS Omega, 2018, 3, 17057-17069.	1.6	10
131	A Lassoâ€Inspired Bicyclic Peptide: Synthesis, Structure and Properties. Chemistry - A European Journal, 2018, 24, 19250-19257.	1.7	7
132	Synthesis, carbonic anhydrase inhibitory activity and antioxidant activity of some 1,3â€oxazine derivatives. Drug Development Research, 2018, 79, 352-361.	1.4	10
133	Peptide Ligations by Using Aryloxycarbonylâ€oâ€methylaminoanilides: Chemical Synthesis of Palmitoylated Sonic Hedgehog. Angewandte Chemie - International Edition, 2018, 57, 16120-16125.	7.2	22
134	Bacteria Hunt Bacteria through an Intriguing Cyclic Peptide. ChemMedChem, 2018, 14, 24-51.	1.6	7
135	Peptide Ligations by Using Aryloxycarbonylâ€o â€methylaminoanilides: Chemical Synthesis of Palmitoylated Sonic Hedgehog. Angewandte Chemie, 2018, 130, 16352-16357.	1.6	8
136	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.	1.8	30
137	2017 FDA Peptide Harvest. Pharmaceuticals, 2018, 11, 42.	1.7	44
138	Investigation of the Biosynthesis of the Lasso Peptide Chaxapeptin Using an E. coli-Based Production System. Journal of Natural Products, 2018, 81, 2050-2056.	1.5	25
139	One-Pot Peptide Ligationâ€“Oxidative Cyclization Protocol for the Preparation of Short-/Medium-Size Disulfide Cyclopeptides. Organic Letters, 2018, 20, 4306-4309.	2.4	9
140	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.	3.2	21
141	In Vitro Antibacterial Activity of Teixobactin Derivatives on Clinically Relevant Bacterial Isolates. Frontiers in Microbiology, 2018, 9, 1535.	1.5	25
142	Further applications of classical amide coupling reagents: Microwaveâ€assisted esterification on solid phase. Journal of Peptide Science, 2018, 24, e3111.	0.8	9
143	Identification of Peptides in Flowers of Sambucus nigra with Antimicrobial Activity against Aquaculture Pathogens. Molecules, 2018, 23, 1033.	1.7	21
144	Formation of N^{Î±}-terminal 2-dialkyl amino oxazoles from guanidinated derivatives under mild conditions. Organic and Biomolecular Chemistry, 2018, 16, 5661-5666.	1.5	3

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145	Exploiting the Thiobarbituric Acid Scaffold for Antibacterial Activity. ChemMedChem, 2018, 13, 1923-1930.	1.6	12
146	The Pharmaceutical Industry in 2017. An Analysis of FDA Drug Approvals from the Perspective of Molecules. Molecules, 2018, 23, 533.	1.7	94
147	Chemical Synthesis and Functional Analysis of VarvA Cyclotide. Molecules, 2018, 23, 952.	1.7	8
148	On the Importance of Polyurethane and Polyurea Nanosystems for Future Drug Delivery. Current Drug Delivery, 2018, 15, 37-43.	0.8	31
149	Choosing the Right Coupling Reagent for Peptides: A Twenty-Five-Year Journey. Organic Process Research and Development, 2018, 22, 760-772.	1.3	108
150	Natural Snake Venom Inhibitors and their Pharmaceutical Uses: Challenges and Possibilities. Current Pharmaceutical Design, 2018, 24, 1737-1747.	0.9	7
151	Diethylphosphoryl-OxymaB (DEPO-B) as a Solid Coupling Reagent for Amide Bond Formation. Letters in Organic Chemistry, 2018, 16, 30-33.	0.2	2
152	Green Solid-Phase Peptide Synthesis (GSPPS) 3. Green Solvents for Fmoc Removal in Peptide Chemistry. Organic Process Research and Development, 2017, 21, 365-369.	1.3	52
153	The synthesis of an EDTA-like chelating peptidomimetic building block suitable for solid-phase peptide synthesis. Chemical Communications, 2017, 53, 2634-2636.	2.2	1
154	Microwave-Assisted Synthesis of Antimicrobial Peptides. Methods in Molecular Biology, 2017, 1548, 51-59.	0.4	6
155	Novel Globular Polymeric Supports for Membrane-Enhanced Peptide Synthesis. Macromolecules, 2017, 50, 1626-1634.	2.2	19
156	Tetrahydropyranyl: A Nonâ€aromatic, Mildâ€Acidâ€Labile Group for Hydroxyl Protection in Solidâ€Phase Peptide Synthesis. ChemistryOpen, 2017, 6, 206-210.	0.9	4
157	Understanding Tetrahydropyranyl as a Protecting Group in Peptide Chemistry. ChemistryOpen, 2017, 6, 168-177.	0.9	15
158	Oxidative couplings on tryptophan-based diketopiperazines leading to fused and bridged chemotypes. Chemical Communications, 2017, 53, 2740-2743.	2.2	6
159	Stapled Peptides by Lateâ€Stage C(sp³)â^'H Activation. Angewandte Chemie - International Edition, 2017, 56, 314-318.	7.2	132
160	Stapled Peptides by Lateâ€Stage C(sp³)â^'H Activation. Angewandte Chemie, 2017, 129, 320-324.	1.6	50
161	Facile solid-phase synthesis of head-side chain cyclothiodepsipeptides through a cyclative cleavage from MeDbz-resin. Tetrahedron Letters, 2017, 58, 2788-2791.	0.7	16
162	Role of the Nozakiâ€“Hiyamaâ€“Takaiâ€“Kishi Reaction in the Synthesis of Natural Products. Chemical Reviews, 2017, 117, 8420-8446.	23.0	136

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163	Novel pyrazolyl-s-triazine derivatives, molecular structure and antimicrobial activity. Journal of Molecular Structure, 2017, 1145, 244-253.	1.8	45
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