Fernando Albericio

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

815 papers	24,566 citations	72 h-index	119 g-index
942 ext. papers	27,463 ext. citations	5.4 avg, IF	7.35 L-index

#	Paper	IF	Citations
815	The Pharmaceutical Industry in 2021. An Analysis of FDA Drug Approvals from the Perspective of Molecules.. *Molecules*, **2022**, 27,	4.8	8
814	Linkers: An Assurance for Controlled Delivery of Antibody-Drug Conjugate.. *Pharmaceutics*, **2022**, 14,	6.4	7
813	Understanding OxymaPure as a Peptide Coupling Additive: A Guide to New Oxyma Derivatives.. *ACS Omega*, **2022**, 7, 6007-6023	3.9	0
812	2021 FDA TIDES (Peptides and Oligonucleotides) Harvest.. *Pharmaceuticals*, **2022**, 15,	5.2	9
811	s-Triazine: A Multidisciplinary and International Journey. *Chemistry Proceedings*, **2021**, 3, 53		
810	Minimizing side reactions during amide formation using DIC and oxymapure in solid-phase peptide synthesis. *Tetrahedron Letters*, **2021**, 85, 153462	2	2
809	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	8.3	3
808	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	3.9	1
807	Improving the Gastrointestinal Stability of Linaclotide. *Journal of Medicinal Chemistry*, **2021**, 64, 8384-8390	8.3	5
806	Targeting Energy Expenditure-Drugs for Obesity Treatment. *Pharmaceuticals*, **2021**, 14,	5.2	5
805	An Androsterone-H @C hybrid: Synthesis, Properties and Molecular Docking Simulations with SARS-Cov-2. *ChemPlusChem*, **2021**, 86, 970-971	2.8	0
804	Scope and Limitations of Barbituric and Thiobarbituric Amino Acid Derivatives as Protecting Groups for Solid-Phase Peptide Synthesis: Towards a Green Protecting Group. *ChemistrySelect*, **2021**, 6, 6626-6630	1.8	1
803	Super-Cationic Peptide Dendrimers-Synthesis and Evaluation as Antimicrobial Agents. *Antibiotics*, **2021**, 10,	4.9	2
802	A novel 'smart' 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	6	10
801	Effects of elderflower extract enriched with polyphenols on antioxidant defense of salmon leukocytes. *Electronic Journal of Biotechnology*, **2021**, 52, 13-20	3.1	2
800	Fully Automated Screening of a Combinatorial Library to Avoid False Positives: Application to Tetanus Toxoid Ligand Identification. *ACS Omega*, **2021**, 6, 18756-18762	3.9	0
799	NOXA upregulation by the prohibitin-binding compound fluorizoline is transcriptionally regulated by integrated stress response-induced ATF3 and ATF4. *FEBS Journal*, **2021**, 288, 1271-1285	5.7	6

798	Lactoferrin-dual drug nanoconjugate: Synergistic anti-tumor efficacy of docetaxel and the NF-Β inhibitor celastrol. *Materials Science and Engineering C*, **2021**, 118, 111422	8.3	13
797	1,3,5-Triazine as core for the preparation of dendrons. *Arkivoc*, **2021**, 2020, 64-73	0.9	2
796	The Pharmaceutical Industry in 2020. An Analysis of FDA Drug Approvals from the Perspective of Molecules. *Molecules*, **2021**, 26,	4.8	33
795	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	10	14
794	Green solvents in the biotechnology-based pharmaceutical industry **2021**, 87-104		1
793	Nature-inspired dimerization as a strategy to modulate neuropeptide pharmacology exemplified with vasopressin and oxytocin. *Chemical Science*, **2021**, 12, 4057-4062	9.4	4
792	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	10	10
791	A native mass spectrometry platform identifies HOP inhibitors that modulate the HSP90-HOP protein-protein interaction. *Chemical Communications*, **2021**, 57, 10919-10922	5.8	1
790	2020 FDA TIDES (Peptides and Oligonucleotides) Harvest. *Pharmaceuticals*, **2021**, 14,	5.2	20
789	Propylphosphonic Anhydride (T3P) as Coupling Reagent for Solid-Phase Peptide Synthesis. *ChemistrySelect*, **2021**, 6, 2649-2657	1.8	3
788	Liquid Phase Peptide Synthesis via One-Pot Nanostar Sieving (PEPSTAR). *Angewandte Chemie - International Edition*, **2021**, 60, 7786-7795	16.4	8
787	An Androsterone-H @C hybrid: Synthesis, Properties and Molecular Docking Simulations with SARS-Cov-2. *ChemPlusChem*, **2021**, 86, 972-981	2.8	1
786	The Antiproliferative and Apoptotic Effect of a Novel Synthesized -Triazine Dipeptide Series, and Toxicity Screening in Zebrafish Embryos. *Molecules*, **2021**, 26,	4.8	3
785	Liquid Phase Peptide Synthesis via One-Pot Nanostar Sieving (PEPSTAR). *Angewandte Chemie*, **2021** , 133, 7865-7874	3.6	1
784	s-Triazine: A Privileged Structure for Drug Discovery and Bioconjugation. *Molecules*, **2021**, 26,	4.8	9
783	Rhodiasolv PolarClean a greener alternative in solid-phase peptide synthesis. *Green Chemistry Letters and Reviews*, **2021**, 14, 545-550	4.7	2
782	Synthesis of New Peptide-Based Ligands with 1,2-HOPO Pendant Chelators and Thermodynamic Evaluation of Their Iron(III) Complexes**. *ChemistrySelect*, **2021**, 6, 7674-7681	1.8	0
781	Tea Bags for Fmoc Solid-Phase Peptide Synthesis: An Example of Circular Economy. *Molecules*, **2021** , 26,	4.8	2

780	Amide Formation: Choosing the Safer Carbodiimide in Combination with OxymaPure to Avoid HCN Release. *Organic Letters*, **2021**, 23, 6900-6904	6.2	4
779	Evaluation of the tert-butyl group as a probe for NMR studies of macromolecular complexes. *Journal of Biomolecular NMR*, **2021**, 75, 347-363	3	0
778	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	7.4	4
777	Protocol for efficient solid-phase synthesis of peptides containing 1-hydroxypyridine-2-one (1,2-HOPO). *MethodsX*, **2020**, 7, 101082	1.9	1
776	Insights into the chemistry of the amphibactin-metal (M) interaction and its role in antibiotic resistance. *Scientific Reports*, **2020**, 10, 21049	4.9	0
775	Synthetic peptides to produce antivenoms against the Cys-rich toxins of arachnids. *Toxicon: X*, **2020**, 6, 100038	2.6	2
774	Enamine Barbiturates and Thiobarbiturates as a New Class of Bacterial Urease Inhibitors. *Applied Sciences (Switzerland)*, **2020**, 10, 3523	2.6	0
773	Protocol for synthesis of di- and tri-substituted s-triazine derivatives. *MethodsX*, **2020**, 7, 100825	1.9	1
772	2019 FDA TIDES (Peptides and Oligonucleotides) Harvest. *Pharmaceuticals*, **2020**, 13,	5.2	29
771	Synthesis and characterisation of thiobarbituric acid enamine derivatives, and evaluation of their α-glucosidase inhibitory and anti-glycation activity. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2020**, 35, 692-701	5.6	12
770	Synthesis of Stable Cholesteryl-Polyethylene Glycol-Peptide Conjugates with Non-Disperse Polyethylene Glycol Lengths. *ACS Omega*, **2020**, 5, 5508-5519	3.9	3
769	Breaking a Couple: Disulfide Reducing Agents. *ChemBioChem*, **2020**, 21, 1947-1954	3.8	6
768	Use of a phosphopeptide as a ligand to purify phospholipase A 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	3.2	2
767	From Ugi Multicomponent Reaction to Linkers for Bioconjugation. *ACS Omega*, **2020**, 5, 7424-7431	3.9	5
766	Somuncurins: Bioactive Peptides from the Skin of the Endangered Endemic Patagonian Frog. *Journal of Natural Products*, **2020**, 83, 972-984	4.9	3
765	Crystal Structure and Theoretical Investigation of Thiobarbituric Acid Derivatives as Nonlinear Optical (NLO) Materials. *Crystals*, **2020**, 10, 442	2.3	1
764	Revisiting NO as Protecting Group of Arginine in Solid-Phase Peptide Synthesis. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	3
763	Barbiturate- and Thiobarbituarte-Based -Triazine Hydrazone Derivatives with Promising Antiproliferative Activities. *ACS Omega*, **2020**, 5, 15805-15811	3.9	8

762	The Pharmaceutical Industry in 2019. An Analysis of FDA Drug Approvals from the Perspective of Molecules. *Molecules*, **2020**, 25,	4.8	76
761	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	9.4	34
760	Greening Fmoc/tBu solid-phase peptide synthesis. *Green Chemistry*, **2020**, 22, 996-1018	10	44
759	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	1.2	2
758	Carpino's protecting groups, beyond the Boc and the Fmoc. *Peptide Science*, **2020**, 112, e24164	3	4
757	Cleaving protected peptides from 2-chlorotrityl chloride resin. Moving away from dichloromethane. *Green Chemistry*, **2020**, 22, 2840-2845	10	6
756	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	5	6
755	Naturally Occurring Oxazole-Containing Peptides. *Marine Drugs*, **2020**, 18,	6	18
754	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	10	14
753	OxymaPure Coupling Reagents: Beyond Solid-Phase Peptide Synthesis. *Synthesis*, **2020**, 52, 3189-3210	2.9	2
752	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	5.1	8
751	Protocol for bevacizumab purification using Ac-PHQGQHIGVSK-agarose. *MethodsX*, **2020**, 7, 100769	1.9	1
750	Hydroxamate siderophores: Natural occurrence, chemical synthesis, iron binding affinity and use as Trojan horses against pathogens. *European Journal of Medicinal Chemistry*, **2020**, 208, 112791	6.8	13
749	Novel formulation of antimicrobial peptides enhances antimicrobial activity against methicillin-resistant Staphylococcus aureus (MRSA). *Amino Acids*, **2020**, 52, 1439-1457	3.5	12
748	Exploiting azido-dichloro-triazine as a linker for regioselective incorporation of peptides through their N, O, S functional groups. *Bioorganic Chemistry*, **2020**, 104, 104334	5.1	2
747	Disulfide-Based Protecting Groups for the Cysteine Side Chain. *Organic Letters*, **2020**, 22, 9644-9647	6.2	2
746	Solid-phase synthesis of peptides containing 1-Hydroxypyridine-2-one (1,2-HOPO). *Tetrahedron Letters*, **2020**, 61, 152299	2	2
745	N-Butylpyrrolidinone for Solid-Phase Peptide Synthesis is Environmentally Friendlier and Synthetically Better than DMF. *ChemSusChem*, **2020**, 13, 5288-5294	8.3	13

744	Radical Dendrimers Based on Biocompatible Oligoethylene Glycol Dendrimers as Contrast Agents for MRI. *Pharmaceutics*, **2020**, 12,	6.4	10
743	Novel 4,6-Disubstituted -Triazin-2-yl Amino Acid Derivatives as Promising Antifungal Agents. *Journal of Fungi (Basel, Switzerland)*, **2020**, 6,	5.6	4
742	The tea-bag protocol for comparison of Fmoc removal reagents in solid-phase peptide synthesis. *Amino Acids*, **2020**, 52, 1201-1205	3.5	6
741	A short peptide fragment of the vascular endothelial growth factor as a novel ligand for bevacizumab purification. *Protein Expression and Purification*, **2020**, 165, 105500	2	4
740	Gold Nanoparticles Mediate Improved Detection of -amyloid Aggregates by Fluorescence. *Nanomaterials*, **2020**, 10,	5.4	15
739	Investigating Triorthogonal Chemoselectivity. Effect of Azide Substitution on the Triazine Core. *Organic Letters*, **2019**, 21, 7888-7892	6.2	7
738	Green Transformation of Solid-Phase Peptide Synthesis. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 3671-3683	8.3	52
737	Large-Area Biomolecule Nanopatterns on Diblock Copolymer Surfaces for Cell Adhesion Studies. *Nanomaterials*, **2019**, 9,	5.4	5
736	Bypassing Osmotic Shock Dilemma in a Polystyrene Resin Using the Green Solvent Cyclopentyl methyl Ether (CPME): A Morphological Perspective. *Polymers*, **2019**, 11,	4.5	6
735	Optimized Stepwise Synthesis of the API Liraglutide Using BAL Resin and Pseudoprolines. *ACS Omega*, **2019**, 4, 8674-8680	3.9	4
734	2018 FDA Tides Harvest. *Pharmaceuticals*, **2019**, 12,	5.2	28
733	Carbosilane Dendron-Peptide Nanoconjugates as Antimicrobial Agents. *Molecular Pharmaceutics*, **2019**, 16, 2661-2674	5.6	19
732	Pseudo-Wang Handle for the Preparation of Fully Protected Peptides. Synthesis of Liraglutide by Fragment Condensation. *Organic Letters*, **2019**, 21, 2459-2463	6.2	8
731	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	5.1	19
730	Troubleshooting When Using -Valerolactone (GVL) in Green Solid-Phase Peptide Synthesis. *Organic Process Research and Development*, **2019**, 23, 1096-1100	3.9	17
729	The Pharmaceutical Industry in 2018. An Analysis of FDA Drug Approvals from the Perspective of Molecules. *Molecules*, **2019**, 24,	4.8	70
728	-Valerolactone (GVL): An eco-friendly anchoring solvent for solid-phase peptide synthesis. *Tetrahedron Letters*, **2019**, 60, 151058	2	14
727	Identification of Antimicrobial Peptides from the Microalgae (Kylin) Butcher and Bactericidal Activity Improvement. *Marine Drugs*, **2019**, 17,	6	44

726	Calculating Resin Functionalization in Solid-Phase Peptide Synthesis Using a Standardized Method based on Fmoc Determination. *ACS Combinatorial Science*, **2019**, 21, 717-721	3.9	5
725	Chemical Modification of Microcin J25 Reveals New Insights on the Stereospecific Requirements for Antimicrobial Activity. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	3
724	Scope and Limitations of Γ-Valerolactone (GVL) as a Green Solvent to be Used with Base for Fmoc Removal in Solid Phase Peptide Synthesis. *Molecules*, **2019**, 24,	4.8	10
723	OctaGel Resin - A New PEG-PS-based Solid Support for Solid-Phase Peptide Synthesis. *Letters in Organic Chemistry*, **2019**, 16, 935-940	0.6	1
722	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	0.6	
721	Synthesis and Antimicrobial Activity of a New Series of Thiazolidine-2,4-diones Carboxamide and Amino Acid Derivatives. *Molecules*, **2019**, 25,	4.8	7
720	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	6.2	3
719	Report of antileishmanial properties of Iberian macroalgae. *Natural Product Research*, **2019**, 33, 1778-1782	2.3	3
718	Bacteria Hunt Bacteria through an Intriguing Cyclic Peptide. *ChemMedChem*, **2019**, 14, 24-51	3.7	6
717	Toward the Synthesis of Phormidolides. *ACS Omega*, **2018**, 3, 2351-2362	3.9	2
716	Bioconjugation through Mesitylene Thiol Alkylation. *Bioconjugate Chemistry*, **2018**, 29, 1199-1208	6.3	4
715	Solid-Phase Synthesis of Pyrrole Derivatives through a Multicomponent Reaction Involving Lys-Containing Peptides. *ACS Combinatorial Science*, **2018**, 20, 187-191	3.9	13
714	1,3,5-Triazino Peptide Derivatives: Synthesis, Characterization, and Preliminary Antileishmanial Activity. *ChemMedChem*, **2018**, 13, 725-735	3.7	19
713	Application of Decafluorobiphenyl (DFBP) Moiety as a Linker in Bioconjugation. *Bioconjugate Chemistry*, **2018**, 29, 225-233	6.3	5
712	Identification of New Activators of Mitochondrial Fusion Reveals a Link between Mitochondrial Morphology and Pyrimidine Metabolism. *Cell Chemical Biology*, **2018**, 25, 268-278.e4	8.2	46
711	3D Electrophoresis-Assisted Lithography (3DEAL): 3D Molecular Printing to Create Functional Patterns and Anisotropic Hydrogels. *Advanced Functional Materials*, **2018**, 28, 1703014	15.6	8
710	Single step recombinant human growth hormone (rhGH) purification from milk by peptide affinity chromatography. *Biotechnology Progress*, **2018**, 34, 999-1005	2.8	2
709	Microwave-Assisted Green Solid-Phase Peptide Synthesis Using Γ-Valerolactone (GVL) as Solvent. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 8034-8039	8.3	45

708	Solid-phase synthesis of homodetic cyclic peptides from Fmoc-MeDbz-resin. *Tetrahedron Letters*, **2018**, 59, 1779-1782	2	11
707	Exploring the influence of Diels-Alder linker length on photothermal molecule release from gold nanorods. *Colloids and Surfaces B: Biointerfaces*, **2018**, 166, 323-329	6	9
706	N-methylation in amino acids and peptides: Scope and limitations. *Biopolymers*, **2018**, 109, e23110	2.2	20
705	Teixobactin as a scaffold for unlimited new antimicrobial peptides: SAR study. *Bioorganic and Medicinal Chemistry*, **2018**, 26, 2788-2796	3.4	29
704	Antibacterial Activity of Teixobactin Derivatives on Clinically Relevant Bacterial Isolates. *Frontiers in Microbiology*, **2018**, 9, 1535	5.7	19
703	Further applications of classical amide coupling reagents: Microwave-assisted esterification on solid phase. *Journal of Peptide Science*, **2018**, 24, e3111	2.1	8
702	Identification of Peptides in Flowers of with Antimicrobial Activity against Aquaculture Pathogens. *Molecules*, **2018**, 23,	4.8	11
701	Formation of N-terminal 2-dialkyl amino oxazoles from guanidinated derivatives under mild conditions. *Organic and Biomolecular Chemistry*, **2018**, 16, 5661-5666	3.9	2
700	Exploiting the Thiobarbituric Acid Scaffold for Antibacterial Activity. *ChemMedChem*, **2018**, 13, 1923-1930	3.7	7
699	The Pharmaceutical Industry in 2017. An Analysis of FDA Drug Approvals from the Perspective of Molecules. *Molecules*, **2018**, 23,	4.8	34
698	Chemical Synthesis and Functional Analysis of VarvA Cyclotide. *Molecules*, **2018**, 23,	4.8	6
697	On the Importance of Polyurethane and Polyurea Nanosystems for Future Drug Delivery. *Current Drug Delivery*, **2018**, 15, 37-43	3.2	10
696	Choosing the Right Coupling Reagent for Peptides: A Twenty-Five-Year Journey. *Organic Process Research and Development*, **2018**, 22, 760-772	3.9	69
695	Natural Snake Venom Inhibitors and their Pharmaceutical Uses: Challenges and Possibilities. *Current Pharmaceutical Design*, **2018**, 24, 1737-1747	3.3	3
694	Diethylphosphoryl-OxymaB (DEPO-B) as a Solid Coupling Reagent for Amide Bond Formation. *Letters in Organic Chemistry*, **2018**, 16, 30-33	0.6	1
693	Improved pharmacokinetic profile of lipophilic anti-cancer drugs using -targeted polyurethane-polyurea nanoparticles. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2018**, 14, 257-267	6	6
692	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	0.8	3
691	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	3.9	26

690	Amphibian Skin Secretions as a Novel Source for the Isolation of Antibacterial Peptides. *Molecules*, **2018**, 23,	4.8	4
689	Perfluorophenyl Derivatives as Unsymmetrical Linkers for Solid Phase Conjugation. *Frontiers in Chemistry*, **2018**, 6, 589	5	2
688	Hydroxylamine Derivatives as a New Paradigm in the Search of Antibacterial Agents. *ACS Omega*, **2018**, 3, 17057-17069	3.9	7
687	A Lasso-Inspired Bicyclic Peptide: Synthesis, Structure and Properties. *Chemistry - A European Journal*, **2018**, 24, 19250-19257	4.8	4
686	Synthesis, carbonic anhydrase inhibitory activity and antioxidant activity of some 1,3-oxazine derivatives. *Drug Development Research*, **2018**, 79, 352-361	5.1	7
685	Peptide Ligations by Using Aryloxycarbonyl-o-methylaminoanilides: Chemical Synthesis of Palmitoylated Sonic Hedgehog. *Angewandte Chemie - International Edition*, **2018**, 57, 16120-16125	16.4	14
684	Peptide Ligations by Using Aryloxycarbonyl-o-methylaminoanilides: Chemical Synthesis of Palmitoylated Sonic Hedgehog. *Angewandte Chemie*, **2018**, 130, 16352-16357	3.6	5
683	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	5	19
682	2017 FDA Peptide Harvest. *Pharmaceuticals*, **2018**, 11,	5.2	31
681	Investigation of the Biosynthesis of the Lasso Peptide Chaxapeptin Using an E. coli-Based Production System. *Journal of Natural Products*, **2018**, 81, 2050-2056	4.9	20
680	One-Pot Peptide Ligation-Oxidative Cyclization Protocol for the Preparation of Short-/Medium-Size Disulfide Cyclopeptides. *Organic Letters*, **2018**, 20, 4306-4309	6.2	4
679	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	7.9	17
678	Green Solid-Phase Peptide Synthesis (GSPPS) 3. Green Solvents for Fmoc Removal in Peptide Chemistry. *Organic Process Research and Development*, **2017**, 21, 365-369	3.9	38
677	The synthesis of an EDTA-like chelating peptidomimetic building block suitable for solid-phase peptide synthesis. *Chemical Communications*, **2017**, 53, 2634-2636	5.8	1
676	Microwave-Assisted Synthesis of Antimicrobial Peptides. *Methods in Molecular Biology*, **2017**, 1548, 51-59	1.4	5
675	Novel Globular Polymeric Supports for Membrane-Enhanced Peptide Synthesis. *Macromolecules*, **2017**, 50, 1626-1634	5.5	13
674	Tetrahydropyranyl: A Non-aromatic, Mild-Acid-Labile Group for Hydroxyl Protection in Solid-Phase Peptide Synthesis. *ChemistryOpen*, **2017**, 6, 206-210	2.3	2
673	Understanding Tetrahydropyranyl as a Protecting Group in Peptide Chemistry. *ChemistryOpen*, **2017**, 6, 168-177	2.3	4

672	Oxidative couplings on tryptophan-based diketopiperazines leading to fused and bridged chemotypes. *Chemical Communications*, **2017**, 53, 2740-2743	5.8	4
671	Stapled Peptides by Late-Stage C(sp)-H Activation. *Angewandte Chemie - International Edition*, **2017** , 56, 314-318	16.4	113
670	Stapled Peptides by Late-Stage C(sp3)H Activation. *Angewandte Chemie*, **2017**, 129, 320-324	3.6	45
669	Facile solid-phase synthesis of head-side chain cyclothiodepsipeptides through a cyclative cleavage from MeDbz-resin. *Tetrahedron Letters*, **2017**, 58, 2788-2791	2	13
668	Role of the Nozaki-Hiyama-Takai-Kishi Reaction in the Synthesis of Natural Products. *Chemical Reviews*, **2017**, 117, 8420-8446	68.1	82
667	Novel pyrazolyl-s-triazine derivatives, molecular structure and antimicrobial activity. *Journal of Molecular Structure*, **2017**, 1145, 244-253	3.4	37
666	The prohibitin-binding compound fluorizoline induces apoptosis in chronic lymphocytic leukemia cells through the upregulation of NOXA and synergizes with ibrutinib, 5-aminoimidazole-4-carboxamide riboside or venetoclax. *Haematologica*, **2017**, 102, 1587-1593	6.6	11
665	Effect of TLR ligands co-encapsulated with multiepitopic antigen in nanoliposomes targeted to human DCs via Fc receptor for cancer vaccines. *Immunobiology*, **2017**, 222, 989-997	3.4	25
664	Synthesis, in vitro evaluation, and Ga-radiolabeling of CDP1 toward PET/CT imaging of bacterial infection. *Chemical Biology and Drug Design*, **2017**, 90, 572-579	2.9	9
663	Intercalative DNA binding of the marine anticancer drug variolin B. *Scientific Reports*, **2017**, 7, 39680	4.9	13
662	A Trp-BODIPY cyclic peptide for fluorescence labelling of apoptotic bodies. *Chemical Communications*, **2017**, 53, 945-948	5.8	40
661	Synthesis, Crystal Structure and DFT Studies of 1,3-Dimethyl-5-propionylpyrimidine-2,4,6(1H,3H,5H)-trione. *Crystals*, **2017**, 7, 31	2.3	5
660	Synthesis, Crystal Structure, DFT Study of m-Methoxy-N?-(3-Methoxybenzoyl)-N-Phenylbenzohydrazide. *Crystals*, **2017**, 7, 19	2.3	2
659	Improving gold nanorod delivery to the central nervous system by conjugation to the shuttle Angiopep-2. *Nanomedicine*, **2017**, 12, 2503-2517	5.6	30
658	Re-evaluating the stability of COMU in different solvents. *Journal of Peptide Science*, **2017**, 23, 763-768	2.1	12
657	Converting Teixobactin into a Cationic Antimicrobial Peptide (AMP). *Journal of Medicinal Chemistry*, **2017**, 60, 7476-7482	8.3	37
656	Fmoc-Amox, A Suitable Reagent for the Introduction of Fmoc. *Organic Process Research and Development*, **2017**, 21, 1533-1541	3.9	3
655	Green solid-phase peptide synthesis 4. Valerolactone and N-formylmorpholine as green solvents for solid phase peptide synthesis. *Tetrahedron Letters*, **2017**, 58, 2986-2988	2	46

654	Gold nanoparticles as an efficient drug delivery system for GLP-1 peptides. *Colloids and Surfaces B: Biointerfaces*, **2017**, 158, 25-32	6	28
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