Beatriz G De La Torre

List of Publications by Year in Descending Order

189 papers	3,780 citations	34 h-index	49 g-index
218 ext. papers	4,528 ext. citations	4.8 avg, IF	6.04 L-index

#	Paper	IF	Citations
189	The Pharmaceutical Industry in 2021. An Analysis of FDA Drug Approvals from the Perspective of Molecules.. *Molecules*, **2022**, 27,	4.8	8
188	Linkers: An Assurance for Controlled Delivery of Antibody-Drug Conjugate.. *Pharmaceutics*, **2022**, 14,	6.4	7
187	Understanding OxymaPure as a Peptide Coupling Additive: A Guide to New Oxyma Derivatives.. *ACS Omega*, **2022**, 7, 6007-6023	3.9	0
186	2021 FDA TIDES (Peptides and Oligonucleotides) Harvest.. *Pharmaceuticals*, **2022**, 15,	5.2	9
185	s-Triazine: A Multidisciplinary and International Journey. *Chemistry Proceedings*, **2021**, 3, 53		
184	Minimizing side reactions during amide formation using DIC and oxymapure in solid-phase peptide synthesis. *Tetrahedron Letters*, **2021**, 85, 153462	2	2
183	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
182	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
181	Super-Cationic Peptide Dendrimers-Synthesis and Evaluation as Antimicrobial Agents. *Antibiotics*, **2021**, 10,	4.9	2
180	1,3,5-Triazine as core for the preparation of dendrons. *Arkivoc*, **2021**, 2020, 64-73	0.9	2
179	The Pharmaceutical Industry in 2020. An Analysis of FDA Drug Approvals from the Perspective of Molecules. *Molecules*, **2021**, 26,	4.8	33
178	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
177	2020 FDA TIDES (Peptides and Oligonucleotides) Harvest. *Pharmaceuticals*, **2021**, 14,	5.2	20
176	Propylphosphonic Anhydride (T3P□) as Coupling Reagent for Solid-Phase Peptide Synthesis. *ChemistrySelect*, **2021**, 6, 2649-2657	1.8	3
175	The Antiproliferative and Apoptotic Effect of a Novel Synthesized -Triazine Dipeptide Series, and Toxicity Screening in Zebrafish Embryos. *Molecules*, **2021**, 26,	4.8	3
174	s-Triazine: A Privileged Structure for Drug Discovery and Bioconjugation. *Molecules*, **2021**, 26,	4.8	9
173	Rhodiasolv PolarClean □ greener alternative in solid-phase peptide synthesis. *Green Chemistry Letters and Reviews*, **2021**, 14, 545-550	4.7	2

172	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
171	Amide Formation: Choosing the Safer Carbodiimide in Combination with OxymaPure to Avoid HCN Release. *Organic Letters*, **2021**, 23, 6900-6904	6.2	4
170	Protocol for efficient solid-phase synthesis of peptides containing 1-hydroxypyridine-2-one (1,2-HOPO). *MethodsX*, **2020**, 7, 101082	1.9	1
169	Insights into the chemistry of the amphibactin-metal (M) interaction and its role in antibiotic resistance. *Scientific Reports*, **2020**, 10, 21049	4.9	0
168	Enamine Barbiturates and Thiobarbiturates as a New Class of Bacterial Urease Inhibitors. *Applied Sciences (Switzerland)*, **2020**, 10, 3523	2.6	0
167	Protocol for synthesis of di- and tri-substituted s-triazine derivatives. *MethodsX*, **2020**, 7, 100825	1.9	1
166	2019 FDA TIDES (Peptides and Oligonucleotides) Harvest. *Pharmaceuticals*, **2020**, 13,	5.2	29
165	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
164	Breaking a Couple: Disulfide Reducing Agents. *ChemBioChem*, **2020**, 21, 1947-1954	3.8	6
163	Somuncurins: Bioactive Peptides from the Skin of the Endangered Endemic Patagonian Frog. *Journal of Natural Products*, **2020**, 83, 972-984	4.9	3
162	Crystal Structure and Theoretical Investigation of Thiobarbituric Acid Derivatives as Nonlinear Optical (NLO) Materials. *Crystals*, **2020**, 10, 442	2.3	1
161	Revisiting NO as Protecting Group of Arginine in Solid-Phase Peptide Synthesis. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	3
160	Barbiturate- and Thiobarbituarte-Based -Triazine Hydrazone Derivatives with Promising Antiproliferative Activities. *ACS Omega*, **2020**, 5, 15805-15811	3.9	8
159	The Pharmaceutical Industry in 2019. An Analysis of FDA Drug Approvals from the Perspective of Molecules. *Molecules*, **2020**, 25,	4.8	76
158	Greening Fmoc/tBu solid-phase peptide synthesis. *Green Chemistry*, **2020**, 22, 996-1018	10	44
157	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
156	Cleaving protected peptides from 2-chlorotrityl chloride resin. Moving away from dichloromethane. *Green Chemistry*, **2020**, 22, 2840-2845	10	6
155	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

154	Naturally Occurring Oxazole-Containing Peptides. *Marine Drugs*, **2020**, 18,	6	18
153	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
152	OxymaPure Coupling Reagents: Beyond Solid-Phase Peptide Synthesis. *Synthesis*, **2020**, 52, 3189-3210	2.9	2
151	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
150	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
149	Novel formulation of antimicrobial peptides enhances antimicrobial activity against methicillin-resistant Staphylococcus aureus (MRSA). *Amino Acids*, **2020**, 52, 1439-1457	3.5	12
148	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
147	Disulfide-Based Protecting Groups for the Cysteine Side Chain. *Organic Letters*, **2020**, 22, 9644-9647	6.2	2
146	Solid-phase synthesis of peptides containing 1-Hydroxypyridine-2-one (1,2-HOPO). *Tetrahedron Letters*, **2020**, 61, 152299	2	2
145	N-Butylpyrrolidinone for Solid-Phase Peptide Synthesis is Environmentally Friendlier and Synthetically Better than DMF. *ChemSusChem*, **2020**, 13, 5288-5294	8.3	13
144	Novel 4,6-Disubstituted -Triazin-2-yl Amino Acid Derivatives as Promising Antifungal Agents. *Journal of Fungi (Basel, Switzerland)*, **2020**, 6,	5.6	4
143	Investigating Triorthogonal Chemoselectivity. Effect of Azide Substitution on the Triazine Core. *Organic Letters*, **2019**, 21, 7888-7892	6.2	7
142	Green Transformation of Solid-Phase Peptide Synthesis. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 3671-3683	8.3	52
141	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
140	2018 FDA Tides Harvest. *Pharmaceuticals*, **2019**, 12,	5.2	28
139	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
138	Troubleshooting When Using Valerolactone (GVL) in Green Solid-Phase Peptide Synthesis. *Organic Process Research and Development*, **2019**, 23, 1096-1100	3.9	17
137	The Pharmaceutical Industry in 2018. An Analysis of FDA Drug Approvals from the Perspective of Molecules. *Molecules*, **2019**, 24,	4.8	70

136	Valerolactone (GVL): An eco-friendly anchoring solvent for solid-phase peptide synthesis. *Tetrahedron Letters*, **2019**, 60, 151058	2	14
135	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
134	Scope and Limitations of 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
133	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
132	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	
131	Synthesis and Antimicrobial Activity of a New Series of Thiazolidine-2,4-diones Carboxamide and Amino Acid Derivatives. *Molecules*, **2019**, 25,	4.8	7
130	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
129	Bacteria Hunt Bacteria through an Intriguing Cyclic Peptide. *ChemMedChem*, **2019**, 14, 24-51	3.7	6
128	Solid-Phase Synthesis of Pyrrole Derivatives through a Multicomponent Reaction Involving Lys-Containing Peptides. *ACS Combinatorial Science*, **2018**, 20, 187-191	3.9	13
127	1,3,5-Triazino Peptide Derivatives: Synthesis, Characterization, and Preliminary Antileishmanial Activity. *ChemMedChem*, **2018**, 13, 725-735	3.7	19
126	Application of Decafluorobiphenyl (DFBP) Moiety as a Linker in Bioconjugation. *Bioconjugate Chemistry*, **2018**, 29, 225-233	6.3	5
125	Microwave-Assisted Green Solid-Phase Peptide Synthesis Using Valerolactone (GVL) as Solvent. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 8034-8039	8.3	45
124	Solid-phase synthesis of homodetic cyclic peptides from Fmoc-MeDbz-resin. *Tetrahedron Letters*, **2018**, 59, 1779-1782	2	11
123	N-methylation in amino acids and peptides: Scope and limitations. *Biopolymers*, **2018**, 109, e23110	2.2	20
122	Teixobactin as a scaffold for unlimited new antimicrobial peptides: SAR study. *Bioorganic and Medicinal Chemistry*, **2018**, 26, 2788-2796	3.4	29
121	Antibacterial Activity of Teixobactin Derivatives on Clinically Relevant Bacterial Isolates. *Frontiers in Microbiology*, **2018**, 9, 1535	5.7	19
120	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
119	Exploiting the Thiobarbituric Acid Scaffold for Antibacterial Activity. *ChemMedChem*, **2018**, 13, 1923-1930	3.7	7

118	The Pharmaceutical Industry in 2017. An Analysis of FDA Drug Approvals from the Perspective of Molecules. *Molecules*, **2018**, 23,	4.8	34
117	Diethylphosphoryl-OxymaB (DEPO-B) as a Solid Coupling Reagent for Amide Bond Formation. *Letters in Organic Chemistry*, **2018**, 16, 30-33	0.6	1
116	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
115	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
114	Perfluorophenyl Derivatives as Unsymmetrical Linkers for Solid Phase Conjugation. *Frontiers in Chemistry*, **2018**, 6, 589	5	2
113	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
112	2017 FDA Peptide Harvest. *Pharmaceuticals*, **2018**, 11,	5.2	31
111	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
110	Immune Response and Partial Protection against Heterologous Foot-and-Mouth Disease Virus Induced by Dendrimer Peptides in Cattle. *Journal of Immunology Research*, **2018**, 2018, 3497401	4.5	7
109	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
108	Microwave-Assisted Synthesis of Antimicrobial Peptides. *Methods in Molecular Biology*, **2017**, 1548, 51-59	1.4	5
107	Tetrahydropyranyl: A Non-aromatic, Mild-Acid-Labile Group for Hydroxyl Protection in Solid-Phase Peptide Synthesis. *ChemistryOpen*, **2017**, 6, 206-210	2.3	2
106	Understanding Tetrahydropyranyl as a Protecting Group in Peptide Chemistry. *ChemistryOpen*, **2017**, 6, 168-177	2.3	4
105	Facile solid-phase synthesis of head-side chain cyclothiodepsipeptides through a cyclative cleavage from MeDbz-resin. *Tetrahedron Letters*, **2017**, 58, 2788-2791	2	13
104	Novel pyrazolyl-s-triazine derivatives, molecular structure and antimicrobial activity. *Journal of Molecular Structure*, **2017**, 1145, 244-253	3.4	37
103	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
102	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
101	Dendrimeric peptides can confer protection against foot-and-mouth disease virus in cattle. *PLoS ONE*, **2017**, 12, e0185184	3.7	13

100	Re-evaluating the stability of COMU in different solvents. *Journal of Peptide Science*, **2017**, 23, 763-768	2.1	12
99	Converting Teixobactin into a Cationic Antimicrobial Peptide (AMP). *Journal of Medicinal Chemistry*, **2017**, 60, 7476-7482	8.3	37
98	Fmoc-Amox, A Suitable Reagent for the Introduction of Fmoc. *Organic Process Research and Development*, **2017**, 21, 1533-1541	3.9	3
97	Green solid-phase peptide synthesis 4. γ-Valerolactone and N-formylmorpholine as green solvents for solid phase peptide synthesis. *Tetrahedron Letters*, **2017**, 58, 2986-2988	2	46
96	Investigation of the N-Terminus Amino Function of Arg-Teixobactin. *Molecules*, **2017**, 22,	4.8	19
95	The Pharmaceutical Industry in 2016. An Analysis of FDA Drug Approvals from a Perspective of the Molecule Type. *Molecules*, **2017**, 22,	4.8	22
94	Structure-Activity Relationship of Arg10-Teixobactin: A Recently Discovered Antimicrobial Peptide. *Proceedings (mdpi)*, **2017**, 1, 671	0.3	
93	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	2.3	6
92	Short AntiMicrobial Peptides (SAMPs) as a class of extraordinary promising therapeutic agents. *Journal of Peptide Science*, **2016**, 22, 438-51	2.1	46
91	Peptides conjugated to silver nanoparticles in biomedicine - a "value-added" phenomenon. *Biomaterials Science*, **2016**, 4, 1713-1725	7.4	25
90	Oxyma-T, expanding the arsenal of coupling reagents. *Tetrahedron Letters*, **2016**, 57, 3523-3525	2	5
89	An improved and efficient strategy for the total synthesis of a colistin-like peptide. *Tetrahedron Letters*, **2016**, 57, 1885-1888	2	12
88	Full protection of swine against foot-and-mouth disease by a bivalent B-cell epitope dendrimer peptide. *Antiviral Research*, **2016**, 129, 74-80	10.8	40
87	Highly chemoselective ligation of thiol- and amino-peptides on a bromomaleimide core. *Chemical Communications*, **2016**, 52, 2334-7	5.8	8
86	2-Methyltetrahydrofuran and cyclopentyl methyl ether for green solid-phase peptide synthesis. *Amino Acids*, **2016**, 48, 419-26	3.5	52
85	Lysine Scanning of Arg-Teixobactin: Deciphering the Role of Hydrophobic and Hydrophilic Residues. *ACS Omega*, **2016**, 1, 1262-1265	3.9	46
84	A Facile Synthesis of NODASA-Functionalized Peptide. *Synlett*, **2016**, 27, 1685-1688	2.2	6
83	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	8.3	55

82	Re-evaluation of the N-terminal substitution and the D-residues of teixobactin. *RSC Advances*, **2016**, 6, 73827-73829	3.7	33
81	Optimized Microwave Assisted Synthesis of LL37, a Cathelicidin Human Antimicrobial Peptide. *International Journal of Peptide Research and Therapeutics*, **2015**, 21, 13-20	2.1	7
80	Chemical Platforms for Peptide Vaccine Constructs. *Advances in Protein Chemistry and Structural Biology*, **2015**, 99, 99-130	5.3	4
79	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, 4760-8	3.9	8
78	EDC·HCl and Potassium Salts of Oxyma and Oxyma-B as Superior Coupling Cocktails for Peptide Synthesis. *European Journal of Organic Chemistry*, **2015**, 2015, 3116-3120	3.2	16
77	Structural Dissection of Crotalicidin, a Rattlesnake Venom Cathelicidin, Retrieves a Fragment with Antimicrobial and Antitumor Activity. *Journal of Medicinal Chemistry*, **2015**, 58, 8553-63	8.3	46
76	Peptide synthesis beyond DMF: THF and ACN as excellent and friendlier alternatives. *Organic and Biomolecular Chemistry*, **2015**, 13, 2393-8	3.9	49
75	Bio-analytical method based on MALDI-MS analysis for the quantification of CIGB-300 anti-tumor peptide in human plasma. *Journal of Pharmaceutical and Biomedical Analysis*, **2015**, 105, 107-114	3.5	5
74	Monitoring antibacterial permeabilization in real time using time-resolved flow cytometry. *Biochimica Et Biophysica Acta - Biomembranes*, **2015**, 1848, 554-60	3.8	33
73	Synthesis and Biological Evaluation of a Teixobactin Analogue. *Organic Letters*, **2015**, 17, 6182-5	6.2	66
72	6-(Bromomaleimido)hexanoic acid as a connector for the construction of multiple branched peptide platforms. *Organic Letters*, **2015**, 17, 464-7	6.2	5
71	Peptides Interfering 3A Protein Dimerization Decrease FMDV Multiplication. *PLoS ONE*, **2015**, 10, e0141415	3.7	4
70	An optimized Fmoc synthesis of human defensin 5. *Amino Acids*, **2014**, 46, 395-400	3.5	13
69	Solid-phase peptide synthesis (SPPS), C-terminal vs. side-chain anchoring: a reality or a myth. *Amino Acids*, **2014**, 46, 1827-38	3.5	10
68	Immobilized coupling reagents: synthesis of amides/peptides. *ACS Combinatorial Science*, **2014**, 16, 579-601	3.9	20
67	A genetic fiber modification to achieve matrix-metalloprotease-activated infectivity of oncolytic adenovirus. *Journal of Controlled Release*, **2014**, 192, 148-56	11.7	7
66	Oxyma-B, an excellent racemization suppressor for peptide synthesis. *Organic and Biomolecular Chemistry*, **2014**, 12, 8379-85	3.9	22
65	Microreactors for peptide synthesis: looking through the eyes of twenty first century !!!. *Amino Acids*, **2014**, 46, 2091-104	3.5	12

64	TOMBU and COMBU as Novel Uronium-type peptide coupling reagents derived from Oxyma-B. *Molecules*, **2014**, 19, 18953-65	4.8	9
63	Vipericidins: a novel family of cathelicidin-related peptides from the venom gland of South American pit vipers. *Amino Acids*, **2014**, 46, 2561-71	3.5	46
62	Nucleic acid delivery by cell penetrating peptides derived from dengue virus capsid protein: design and mechanism of action. *FEBS Journal*, **2014**, 281, 191-215	5.7	32
61	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, 1047-58	3.5	18
60	Peptides as models for the structure and function of viral capsid proteins: Insights on dengue virus capsid. *Biopolymers*, **2013**, 100, 325-36	2.2	14
59	Quantifying molecular partition of cell-penetrating peptide-cargo supramolecular complexes into lipid membranes: optimizing peptide-based drug delivery systems. *Journal of Peptide Science*, **2013**, 19, 182-9	2.1	10
58	Influence of conjugation chemistry and B epitope orientation on the immune response of branched peptide antigens. *Bioconjugate Chemistry*, **2013**, 24, 578-85	6.3	23
57	Kinetic uptake profiles of cell penetrating peptides in lymphocytes and monocytes. *Biochimica Et Biophysica Acta - General Subjects*, **2013**, 1830, 4554-63	4	19
56	B epitope multiplicity and B/T epitope orientation influence immunogenicity of foot-and-mouth disease peptide vaccines. *Clinical and Developmental Immunology*, **2013**, 2013, 475960		18
55	Cyclic amino acid linkers stabilizing key loops of brain derived neurotrophic factor. *Bioorganic and Medicinal Chemistry Letters*, **2012**, 22, 444-8	2.9	8
54	Insights into the uptake mechanism of NrTP, a cell-penetrating peptide preferentially targeting the nucleolus of tumour cells. *Chemical Biology and Drug Design*, **2012**, 79, 907-15	2.9	22
53	Defeating Leishmania resistance to miltefosine (hexadecylphosphocholine) by peptide-mediated drug smuggling: a proof of mechanism for trypanosomatid chemotherapy. *Journal of Controlled Release*, **2012**, 161, 835-42	11.7	23
52	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	6.1	18
51	Mutations that hamper dimerization of foot-and-mouth disease virus 3A protein are detrimental for infectivity. *Journal of Virology*, **2012**, 86, 11013-23	6.6	14
50	Reverse thioether ligation route to multimeric peptide antigens. *Organic and Biomolecular Chemistry*, **2012**, 10, 3116-21	3.9	18
49	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	2	18
48	Molecular characterization of the interaction of crotamine-derived nucleolar targeting peptides with lipid membranes. *Biochimica Et Biophysica Acta - Biomembranes*, **2012**, 1818, 2707-17	3.8	25
47	Refining the eosinophil cationic protein antibacterial pharmacophore by rational structure minimization. *Journal of Medicinal Chemistry*, **2011**, 54, 5237-44	8.3	24

46	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, 1391-8	5.3	21
45	Peptide vaccine candidates against classical swine fever virus: T cell and neutralizing antibody responses of dendrimers displaying E2 and NS2-3 epitopes. *Journal of Peptide Science*, **2011**, 17, 24-31	2.1	28
44	Synthesis of multiple antigenic peptides (MAPs)-strategies and limitations. *Journal of Peptide Science*, **2011**, 17, 247-51	2.1	30
43	Structural framework for the modulation of the activity of the hybrid antibiotic peptide cecropin A-melittin [CA(1-7)M(2-9)] by N-lysine trimethylation. *ChemBioChem*, **2011**, 12, 2177-83	3.8	5
42	Efficient cellular delivery of -galactosidase mediated by NrTPs, a new family of cell-penetrating peptides. *Bioconjugate Chemistry*, **2011**, 22, 2339-44	6.3	21
41	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	3.7	29
40	NMR structural determinants of eosinophil cationic protein binding to membrane and heparin mimetics. *Biophysical Journal*, **2010**, 98, 2702-11	2.9	24
39	Influence of lysine N()-trimethylation and lipid composition on the membrane activity of the cecropin A-melittin hybrid peptide CA(1-7)M(2-9). *Journal of Physical Chemistry B*, **2010**, 114, 16198-208	3.4	16
38	Strategies and limitations in dendrimeric immunogen synthesis. The influenza virus M2e epitope as a case study. *Bioconjugate Chemistry*, **2010**, 21, 102-10	6.3	21
37	Sequence inversion and phenylalanine surrogates at the beta-turn enhance the antibiotic activity of gramicidin S. *Journal of Medicinal Chemistry*, **2010**, 53, 4119-29	8.3	36
36	Lysine N(epsilon)-trimethylation, a tool for improving the selectivity of antimicrobial peptides. *Journal of Medicinal Chemistry*, **2010**, 53, 5587-96	8.3	24
35	Therapeutic index of gramicidin S is strongly modulated by D-phenylalanine analogues at the beta-turn. *Journal of Medicinal Chemistry*, **2009**, 52, 664-74	8.3	43
34	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, 13626-37	3.4	20
33	Bactericidal and membrane disruption activities of the eosinophil cationic protein are largely retained in an N-terminal fragment. *Biochemical Journal*, **2009**, 421, 425-34	3.8	61
32	A novel cell-penetrating peptide sequence derived by structural minimization of a snake toxin exhibits preferential nucleolar localization. *Journal of Medicinal Chemistry*, **2008**, 51, 7041-4	8.3	36
31	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, 7223-30	6.6	82
30	Neo-glycopeptides: the importance of sugar core conformation in oxime-linked glycoprobes for interaction studies. *Glycoconjugate Journal*, **2008**, 25, 879-87	3	26
29	On choosing the right ether for peptide precipitation after acid cleavage. *Journal of Peptide Science* , **2008**, 14, 360-3	2.1	9

28	Optimized synthesis of aminooxy-peptides as glycoprobe precursors for surface-based sugar-protein interaction studies. *Bioorganic and Medicinal Chemistry Letters*, **2007**, 17, 5155-8	2.9	17
27	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, 1531-8	4.4	9
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