Peter Timmerman

List of Publications by Year
in descending order

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21 papers	749 citations	687363 13 h-index	752698 20 g-index
24 all docs	24 docs citations	24 times ranked	1058 citing authors

#	Article	IF	Citations
1	Molecular Detection of Venous Thrombosis in Mouse Models Using SPECT/CT. Biomolecules, 2022, 12, 829.	4.0	1
2	Bicyclic RGD peptides enhance nerve growth in synthetic PEG-based Anisogels. Biomaterials Science, 2021, 9, 4329-4342.	5.4	16
3	Thin-Film Polyisocyanide-Based Hydrogels for Affinity Biosensors. Journal of Physical Chemistry C, 2021, 125, 12960-12967.	3.1	8
4	High-Affinity Î±₅Î²₁-Integrin-Selective Bicyclic RGD Peptides Identified via Screening of Designed Random Libraries. ACS Combinatorial Science, 2019, 21, 598-607.	3.8	13
5	Synthesis of Constrained Tetracyclic Peptides by Consecutive CEPS, CLIPS, and Oxime Ligation. Organic Letters, 2019, 21, 2095-2100.	4.6	18
6	Bicyclic RGD Peptides with Exquisite Selectivity for the Integrin Î±_vÎ²₃ Receptor Using a â€œRandom Designâ€•Approach. ACS Combinatorial Science, 2019, 21, 198-206.	3.8	28
7	Bicyclic RGD peptides with high integrinÎ±_vÎ²₃andÎ±₅Î²₁affinity promote cell adhesion on elastin-like recombinamers. Biomedical Materials (Bristol), 2019, 14, 035009.	3.3	16
8	Innentitelbild: General and Facile Route to Isomerically Pure Tricyclic Peptides Based on Templated Tandem CLIPS/CuAAC Cyclizations (Angew. Chem. 2/2018). Angewandte Chemie, 2018, 130, 368-368.	2.0	0
9	General and Facile Route to Isomerically Pure Tricyclic Peptides Based on Templated Tandem CLIPS/CuAAC Cyclizations. Angewandte Chemie - International Edition, 2018, 57, 501-505.	13.8	21
10	General and Facile Route to Isomerically Pure Tricyclic Peptides Based on Templated Tandem CLIPS/CuAAC Cyclizations. Angewandte Chemie, 2018, 130, 510-514.	2.0	7
11	A Oneâ€Pot â€œTripleâ€Câ€•Multicyclization Methodology for the Synthesis of Highly Constrained Isomerically Pure Tetracyclic Peptides. ChemBioChem, 2018, 19, 1934-1938.	2.6	13
12	High-Affinity RGD-Knottin Peptide as a New Tool for Rapid Evaluation of the Binding Strength of Unlabeled RGD-Peptides to Î±_vÎ²₃, Î±_vÎ²₅, and Î±₅Î²₁ Integrin Receptors. Analytical Chemistry, 2017, 89, 5991-5997.	6.5	16
13	Reconstructing the Discontinuous and Conformational Î²1/Î²3â€Loop Binding Site on hFSH/hCG by Using Highly Constrained Multicyclic Peptides. ChemBioChem, 2015, 16, 91-99.	2.6	7
14	Synthesis of Water-Soluble Scaffolds for Peptide Cyclization, Labeling, and Ligation. Organic Letters, 2012, 14, 1194-1197.	4.6	46
15	Binding of CDRâ€derived peptides is mechanistically different from that of highâ€affinity parental antibodies. Journal of Molecular Recognition, 2010, 23, 559-568.	2.1	8
16	A Combinatorial Approach for the Design of Complementarity-determining Region-derived Peptidomimetics with in Vitro Anti-tumoral Activity. Journal of Biological Chemistry, 2009, 284, 34126-34134.	3.4	30
17	Designing antibodies for the inhibition of gastrin activity in tumoral cell lines. International Journal of Cancer, 2008, 122, 2351-2359.	5.1	23
18	Affinity maturation of antibodies assisted by in silico modeling. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 9029-9034.	7.1	118

#	Article	IF	Citations
19	Functional reconstruction and synthetic mimicry of a conformational epitope using CLIPSâ„¢ technology. Journal of Molecular Recognition, 2007, 20, 283-299.	2.1	96
20	Rapid and Quantitative Cyclization of Multiple Peptide Loops onto Synthetic Scaffolds for Structural Mimicry of Protein Surfaces. ChemBioChem, 2005, 6, 821-824.	2.6	241
21	Mapping of a discontinuous and highly conformational binding site on follicle stimulating hormone subunit-Iº² (FSH-Â) using domain Scanâ„¢ and Matrix Scanâ„¢ technology. Molecular Diversity, 2004, 8, 61-77.	3.9	21