Baptiste Legrand

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1883881/publications.pdf

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31	548	706676 14	759306 22
papers	citations	h-index	g-index

34	34	34	706
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The C-terminal segment of Leishmania major HslU: Toward potential inhibitors of LmHslVU activity. Bioorganic Chemistry, 2022, 119, 105539.	2.0	1
2	Î±,Î²â€Unsaturated Î³â€Peptide Foldamers. ChemPlusChem, 2021, 86, 629-645.	1.3	11
3	Potent Lys Patch-Containing Stapled Peptides Targeting PCSK9. Journal of Medicinal Chemistry, 2021, 64, 10834-10848.	2.9	4
4	1-Aminobicyclo[2.2.2]octane-2-carboxylic Acid and Derivatives As Chiral Constrained Bridged Scaffolds for Foldamers and Chiral Catalysts. Accounts of Chemical Research, 2021, 54, 685-696.	7.6	16
5	Tailoring the Physicochemical Properties of Antimicrobial Peptides onto a Thiazole-Based Î³-Peptide Foldamer. Journal of Medicinal Chemistry, 2020, 63, 9168-9180.	2.9	15
6	Hydrocarbon-Stapled Peptide Based-Nanoparticles for siRNA Delivery. Nanomaterials, 2020, 10, 2334.	1.9	3
7	Helical Î³â€Peptide Foldamers as Dual Inhibitors of Amyloidâ€Î² Peptide and Islet Amyloid Polypeptide Oligomerization and Fibrillization. Chemistry - A European Journal, 2020, 26, 14612-14622.	1.7	17
8	A bicyclic unit reversal to stabilize the 12/14-helix in mixed homochiral oligoureas. Chemical Communications, 2020, 56, 7921-7924.	2.2	3
9	Catalytic Foldamers: When the Structure Guides the Function. Catalysts, 2020, 10, 700.	1.6	22
10	Stapled peptide targeting the CDK4/Cyclin D interface combined with Abemaciclib inhibits KRAS mutant lung cancer growth. Theranostics, 2020, 10, 2008-2028.	4.6	15
11	Self-mineralization and assembly of a bis-silylated Pheâ€“Phe pseudodipeptide to a structured bioorganicâ€“inorganic material. Materials Horizons, 2019, 6, 2040-2046.	6.4	5
12	The HslV Protease from Leishmania major and Its Activation by C-terminal HslU Peptides. International Journal of Molecular Sciences, 2019, 20, 1021.	1.8	3
13	Prospect of Thiazoleâ€based Î³â€Peptide Foldamers in Enamine Catalysis: Exploration of the Nitroâ€Michael Addition. Chemistry - A European Journal, 2019, 25, 7396-7401.	1.7	14
14	How are 1,2,3-triazoles accommodated in helical secondary structures?. Organic and Biomolecular Chemistry, 2018, 16, 3576-3583.	1.5	22
15	Selectivity Modulation and Structure of Î±/azaâ€Î²³ Cyclic Antimicrobial Peptides. Chemistry - A European Journal, 2018, 24, 6191-6201.	1.7	11
16	12/10â€Helix in Mixed Î²â€Peptides Alternating Bicyclic and Acyclic Î²â€Amino Acids: Probing the Relationship between Bicyclic Side Chain and Helix Stability. Chemistry - A European Journal, 2018, 24, 18795-18800.	1.7	1
17	Towards the total synthesis of trichormamide A, a cyclic undecapeptide. Tetrahedron Letters, 2018, 59, 3713-3718.	0.7	7
18	Solâ€“gel synthesis of collagen-inspired peptide hydrogel. Materials Today, 2017, 20, 59-66.	8.3	37

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19	C_{9/12} Ribbonâ€Like Structures in Hybrid Peptides Alternating Î±â€•and Thiazoleâ€Based Î³â€Amino Acids. Chemistry - A European Journal, 2017, 23, 17584-17591.	1.7	9
20	Enhancing the Antimicrobial Activity of Alamethicin F50/5 by Incorporating Nâ€terminal Hydrophobic Triazole Substituents.. Chemistry - A European Journal, 2017, 23, 17964-17972.	1.7	13
21	12/14/14â€Helix Formation in 2:1 Î±/Î²â€Hybrid Peptides Containing Bicyclo[2.2.2]octane Ring Constraints. Chemistry - A European Journal, 2016, 22, 11986-11990.	1.7	7
22	Selective homodimerization of unprotected peptides using hybrid hydroxydimethylsilane derivatives. RSC Advances, 2016, 6, 32905-32914.	1.7	7
23	Straightforward strategy to substitute amide bonds by 1,2,3â€triazoles in peptaibols analogs using AibÎ˜[Tz]â€Xaa dipeptides. Biopolymers, 2015, 104, 611-621.	1.2	10
24	Thiazoleâ€Based Î³â€Building Blocks as Reverseâ€Turn Mimetic to Design a Gramicidinâ€…S Analogue: Conformational and Biological Evaluation. Chemistry - A European Journal, 2014, 20, 6713-6720.	1.7	36
25	Unprecedented Chainâ€Lengthâ€Dependent Conformational Conversion Between 11/9 and 18/16â€…Helix in Î±/Î²â€Hybrid Peptides. Angewandte Chemie - International Edition, 2014, 53, 13131-13135.	7.2	25
26	Helical Oligomers of Thiazoleâ€Based Î³â€Amino Acids: Synthesis and Structural Studies. Angewandte Chemie - International Edition, 2013, 52, 6006-6010.	7.2	56
27	Mixed Oligoureas Based on Constrained Bicyclic and Acyclic Î²â€Amino Acids Derivatives: On the Significance of the Subunit Configuration for Folding. Chemistry - A European Journal, 2013, 19, 16963-16971.	1.7	14
28	(S)-ABOC: A Rigid Bicyclic Î²-Amino Acid as Turn Inducer. Organic Letters, 2012, 14, 960-963.	2.4	38
29	Robust Helix Formation in a New Family of Oligoureas Based on a Constrained Bicyclic Building Block. Angewandte Chemie - International Edition, 2012, 51, 11267-11270.	7.2	22
30	From a Marine Neuropeptide to Antimicrobial Pseudopeptides Containing Aza-Î²³-Amino Acids: Structure and Activity. Journal of Medicinal Chemistry, 2012, 55, 2025-2034.	2.9	28
31	Structure and mechanism of action of a de novo antimicrobial detergent-like peptide. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 106-116.	1.4	34