

Nicolas Belloy

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

439
citations

933447

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h-index

940533

16
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18
all docs

18
docs citations

18
times ranked

844
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural insights into the innate immune recognition specificities of L- and H-ficolins. EMBO Journal, 2007, 26, 623-633.	7.8	170
2	Small leucine-rich proteoglycans and matrix metalloproteinase-14: Key partners?. Matrix Biology, 2019, 75-76, 271-285.	3.6	55
3	Large-scale proteomic analysis of the grapevine leaf apoplastic fluid reveals mainly stress-related proteins and cell wall modifying enzymes. BMC Plant Biology, 2013, 13, 24.	3.6	52
4	Elastin peptides in aging and pathological conditions. Biomolecular Concepts, 2013, 4, 65-76.	2.2	27
5	Impact of sialic acids on the molecular dynamic of bi-antennary and tri-antennary glycans. Scientific Reports, 2016, 6, 35666.	3.3	26
6	A Three-Dimensional Model of Human Lysyl Oxidase, a Cross-Linking Enzyme. ACS Omega, 2019, 4, 8495-8505.	3.5	21
7	Tuning self-assembly in elastin-derived peptides. Soft Matter, 2015, 11, 3385-3395.	2.7	19
8	Identification of TAX2 peptide as a new unpredicted anti-cancer agent. Oncotarget, 2015, 6, 17981-18000.	1.8	18
9	Role of hydrophobic residues in the aglycone binding subsite of a GH39 β -xylosidase in alkyl xylosides synthesis. Journal of Molecular Catalysis B: Enzymatic, 2013, 96, 21-26.	1.8	10
10	A crucial role for Lyn in TIMP4 β 1 erythroid cell survival signalling pathway. FEBS Letters, 2013, 587, 1524-1528.	2.8	10
11	Mesoscopic Rigid Body Modelling of the Extracellular Matrix Self-Assembly. Journal of Integrative Bioinformatics, 2018, 15, .	1.5	9
12	Intrinsic dynamics study identifies two amino acids of TIMP-1 critical for its LRP-1-mediated endocytosis in neurons. Scientific Reports, 2017, 7, 5375.	3.3	6
13	Umbrella Visualization: A method of analysis dedicated to glycan flexibility with UnityMol. Methods, 2020, 173, 94-104.	3.8	5
14	Differential MMP-14 Targeting by Lumican-Derived Peptides Unraveled by In Silico Approach. Cancers, 2021, 13, 4930.	3.7	4
15	Multiscale modelling of the extracellular matrix. Matrix Biology Plus, 2022, 13, 100096.	3.5	4
16	Structural Analysis of Nonapeptides Derived from Elastin. Biophysical Journal, 2020, 118, 2755-2768.	0.5	2
17	New visualization of dynamical flexibility of N-Glycans: Umbrella Visualization in UnityMol., 2018, , .		1
18	A Fully Automatic and Efficient Methodology for Peptide Activity Identification Using Their 3D Conformations. IEEE Access, 2021, 9, 92143-92156.	4.2	0