Virginie Redeker

List of Publications by Year
in descending order

56 papers	2,627 citations	159358 30 h-index	189595 50 g-index
56 all docs	56 docs citations	56 times ranked	3303 citing authors

#	Article	IF	Citations
1	The differential solvent exposure of N-terminal residues provides â€œfingerprintsâ€•of alpha-synuclein fibrillar polymorphs. Journal of Biological Chemistry, 2021, 296, 100737.	1.6	22
2	TNF-Î± and Î±-synuclein fibrils differently regulate human astrocyte immune reactivity and impair mitochondrial respiration. Cell Reports, 2021, 34, 108895.	2.9	35
3	Structural mapping techniques distinguish the surfaces of fibrillar 1N3R and 1N4R human tau. Journal of Biological Chemistry, 2021, 297, 101252.	1.6	4
4	Polypeptides derived from Î±-Synuclein binding partners to prevent Î±-Synuclein fibrils interaction with and take-up by cells. PLoS ONE, 2020, 15, e0237328.	1.1	3
5	Interaction of the chaperones alpha B-crystallin and CHIP with fibrillar alpha-synuclein: Effects on internalization by cells and identification of interacting interfaces. Biochemical and Biophysical Research Communications, 2020, 527, 760-769.	1.0	8
6	Differential Membrane Binding and Seeding of Distinct Î±-Synuclein Fibrillar Polymorphs. Biophysical Journal, 2020, 118, 1301-1320.	0.2	59
7	Clustering of Tau fibrils impairs the synaptic composition of Î±3â€Na ⁺ /K ⁺ â€• <scp>ATP</scp> ase and <scp>AMPA</scp> receptors. EMBO Journal, 2019, 38, .	3.5	42
8	Ubiquitylation Dynamics of the Clock Cell Proteome and TIMELESS during a Circadian Cycle. Cell Reports, 2018, 23, 2273-2282.	2.9	29
9	SAFER, an Analysis Method of Quantitative Proteomic Data, Reveals New Interactors of the C. elegans Autophagic Protein LGG-1. Journal of Proteome Research, 2016, 15, 1515-1523.	1.8	1
10	Functional interplay between Mediator and TFIIB in preinitiation complex assembly in relation to promoter architecture. Genes and Development, 2016, 30, 2119-2132.	2.7	35
11	Data in support of the identification of neuronal and astrocyte proteins interacting with extracellularly applied oligomeric and fibrillar Î±-synuclein assemblies by mass spectrometry. Data in Brief, 2016, 7, 221-228.	0.5	10
12	Identification of protein interfaces within the multiâ€aminoacylâ€<scp>tRNA</scp> synthetase complex: the case of lysylâ€<scp>tRNA</scp> synthetase and the scaffold protein p38. FEBS Open Bio, 2016, 6, 696-706.	1.0	12
13	Evidence for new C-terminally truncated variants of Î±- and Î²-tubulins. Molecular Biology of the Cell, 2016, 27, 640-653.	0.9	43
14	Cellular response of human neuroblastoma cells to Î±-synuclein fibrils, the main constituent of Lewy bodies. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 8-19.	1.1	32
15	Targeted Delivery of Amoxicillin to C. trachomatis by the Transferrin Iron Acquisition Pathway. PLoS ONE, 2016, 11, e0150031.	1.1	7
16	Î±â€synuclein assemblies sequester neuronal Î±3â€Na⁺/K⁺â€<scp>ATP</scp>ase and <scp>impair</scp> Na⁺ gradient. EMBO Journal, 2015, 34, 2408-2423.	3.5	177
17	Mediator independently orchestrates multiple steps of preinitiation complex assemblyin vivo. Nucleic Acids Research, 2015, 43, 9214-9231.	6.5	34
18	Molecular Interaction between the Chaperone Hsc70 and the N-terminal Flank of Huntingtin Exon 1 Modulates Aggregation. Journal of Biological Chemistry, 2015, 290, 2560-2576.	1.6	73

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19	A Novel Bio-Orthogonal Cross-Linker for Improved Protein/Protein Interaction Analysis. Analytical Chemistry, 2015, 87, 1853-1860.	3.2	24
20	The 26S Proteasome Degrades the Soluble but Not the Fibrillar Form of the Yeast Prion Ure2p In Vitro. PLoS ONE, 2015, 10, e0131789.	1.1	3
21	A role for the proteasome in the turnover of <scp>S</scp>up35p and in [<scp>PSI</scp>⁺] prion propagation. Molecular Microbiology, 2014, 92, 507-528.	1.2	17
22	Identification of Protein Interfaces between Î±-Synuclein, the Principal Component of Lewy Bodies in Parkinson Disease, and the Molecular Chaperones Human Hsc70 and the Yeast Ssa1p. Journal of Biological Chemistry, 2012, 287, 32630-32639.	1.6	40
23	Qualitative and Quantitative Multiplexed Proteomic Analysis of Complex Yeast Protein Fractions That Modulate the Assembly of the Yeast Prion Sup35p. PLoS ONE, 2011, 6, e23659.	1.1	3
24	Systematic Identification of Tubulin-interacting Fragments of the Microtubule-associated Protein Tau Leads to a Highly Efficient Promoter of Microtubule Assembly. Journal of Biological Chemistry, 2011, 286, 33358-33368.	1.6	56
25	A region within the Câ€terminal domain of Ure2p is shown to interact with the molecular chaperone Ssa1p by the use of crossâ€linkers and mass spectrometry. FEBS Journal, 2010, 277, 5112-5123.	2.2	7
26	Mass Spectrometry Analysis of C-Terminal Posttranslational Modifications of Tubulins. Methods in Cell Biology, 2010, 95, 77-103.	0.5	63
27	Glutamylation on Î±-Tubulin Is Not Essential but Affects the Assembly and Functions of a Subset of Microtubules in Tetrahymena thermophila. Eukaryotic Cell, 2008, 7, 1362-1372.	3.4	89
28	Hydrogen/Deuterium Exchange Mass Spectrometric Analysis of Conformational Changes Accompanying the Assembly of the Yeast Prion Ure2p into Protein Fibrils. Journal of Molecular Biology, 2007, 369, 1113-1125.	2.0	21
29	Phosphorylation of Viral RNA-dependent RNA Polymerase and Its Role in Replication of a Plus-strand RNA Virus. Journal of Biological Chemistry, 2006, 281, 21236-21249.	1.6	43
30	Mutations of Tubulin Glycylation Sites Reveal Cross-talk between the C Termini of Î±- and Î²-Tubulin and Affect the Ciliary Matrix in Tetrahymena. Journal of Biological Chemistry, 2005, 280, 596-606.	1.6	74
31	Structure of the Prion Ure2p in Protein Fibrils Assembled in Vitro. Journal of Biological Chemistry, 2005, 280, 37149-37158.	1.6	28
32	Structural Characterization of the Fibrillar Form of the Yeast Saccharomyces cerevisiae Prion Ure2p. Biochemistry, 2004, 43, 5022-5032.	1.2	54
33	Biochemical and Spectroscopic Characterization of the Covalent Binding of Heme to Cytochromeb6â€. Biochemistry, 2004, 43, 3956-3968.	1.2	39
34	Posttranslational Modification of Brain Tubulins from the Antarctic Fish Notothenia coriiceps:â€‰ Reduced C-Terminal Glutamylation Correlates with Efficient Microtubule Assembly at Low Temperature. Biochemistry, 2004, 43, 12265-12274.	1.2	19
35	N-terminal acetylation of ectopic recombinant proteins inEscherichia coli. FEBS Letters, 2002, 529, 341-345.	1.3	32
36	Ca2+-Myristoyl Switch and Membrane Binding of Chemically Acylated Neurocalcins. Biochemistry, 2001, 40, 8152-8160.	1.2	26

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37	Ponericins, New Antibacterial and Insecticidal Peptides from the Venom of the Ant Pachycondyla goeldii. Journal of Biological Chemistry, 2001, 276, 17823-17829.	1.6	185
38	Stathmin Family Proteins Display Specific Molecular and Tubulin Binding Properties. Journal of Biological Chemistry, 2001, 276, 16146-16154.	1.6	158
39	Evidence for phosphorylation and ubiquitinylation of the turnip yellow mosaic virus RNA-dependent RNA polymerase domain expressed in a baculovirusâ€'insect cell system. Biochemical Journal, 2000, 349, 417.	1.7	56
40	Evidence for phosphorylation and ubiquitinylation of the turnip yellow mosaic virus RNA-dependent RNA polymerase domain expressed in a baculovirusâ€"insect cell system. Biochemical Journal, 2000, 349, 417-425.	1.7	60
41	Probing the Native Structure of Stathmin and Its Interaction Domains with Tubulin. Journal of Biological Chemistry, 2000, 275, 6841-6849.	1.6	39
42	Isolation, Structure, Synthesis, and Activity of a New Member of the Calcitonin Gene-related Peptide Family from Frog Skin and Molecular Cloning of Its Precursor. Journal of Biological Chemistry, 2000, 275, 5934-5940.	1.6	24
43	Plasmepsin II, an Acidic Hemoglobinase from thePlasmodium falciparum Food Vacuole, Is Active at Neutral pH on the Host Erythrocyte Membrane Skeleton. Journal of Biological Chemistry, 1999, 274, 14218-14223.	1.6	93
44	NMR studies of the C-terminal secretion signal of the haem-binding protein, HasA. FEBS Journal, 1999, 261, 562-568.	0.2	37
45	Structural Characterization by Tandem Mass Spectrometry of the Posttranslational Polyglycylation of Tubulin. Biochemistry, 1999, 38, 3133-3139.	1.2	46
46	Isolation and characterization of an extracellular haem-binding protein from Pseudomonas aeruginosa that shares function and sequence similarities with the Serratia marcescens HasA haemophore. Molecular Microbiology, 1998, 28, 1223-1234.	1.2	159
47	Posttranslational Modifications of the C-Terminus of Î±-Tubulin in Adult Rat Brain:Â Î±4 Is Glutamylated at Two Residuesâ€. Biochemistry, 1998, 37, 14838-14844.	1.2	57
48	Combination of Peptide Profiling by Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry and Immunodetection on Single Glands or Cells. Analytical Chemistry, 1998, 70, 1805-1811.	3.2	62
49	Tubulin Polyglycylation: Differential Posttranslational Modification of Dynamic Cytoplasmic and Stable Axonemal Microtubules inParamecium. Molecular Biology of the Cell, 1998, 9, 2655-2665.	0.9	71
50	Sequencing Branched Peptides with CID/PSD MALDI-TOF in the Low-Picomole Range:Â Application to the Structural Study of the Posttranslational Polyglycylation of Tubulin. Analytical Chemistry, 1997, 69, 3979-3985.	3.2	30
51	Posttranslational modifications of axonemal tubulin. The Protein Journal, 1997, 16, 403-407.	1.1	18
52	Posttranslational Modifications in the C-terminal Tail of Axonemal Tubulin from Sea Urchin Sperm. Journal of Biological Chemistry, 1996, 271, 9928-9933.	1.6	58
53	Structure of the Câ€Terminal Tail of Î±â€Tubulin: Increase of Heterogeneity from Newborn to Adult. Journal of Neurochemistry, 1996, 67, 2104-2114.	2.1	21
54	Class I and IVa Î²-tubulin isotypes expressed in adult mouse brain are glutamylated. FEBS Letters, 1994, 353, 89-94.	1.3	51

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55	Posttranslational Glutamylation of Several Brain Tubulin Isotypes: Structure of the Polyglutamyl Side-Chain. , 1993, , 183-190.		0
56	Structure of tubulin C-terminal domain obtained by subtilisin treatment The major Î± and Î² tubulin isotypes from pig brain are glutamylated. FEBS Letters, 1992, 313, 185-192.	1.3	138