

Veronica Morea

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8409792/publications.pdf>

Version: 2024-02-01

65
papers

2,470
citations

186265

28
h-index

197818

49
g-index

69
all docs

69
docs citations

69
times ranked

3432
citing authors

#	ARTICLE	IF	CITATIONS
1	Conformations of the third hypervariable region in the VH domain of immunoglobulins 1 Edited by I. A. Wilson. <i>Journal of Molecular Biology</i> , 1998, 275, 269-294.	4.2	350
2	Assessment of homology-based predictions in CASP5. <i>Proteins: Structure, Function and Bioinformatics</i> , 2003, 53, 352-368.	2.6	165
3	Antibody-drug conjugates: targeting melanoma with cisplatin encapsulated in protein-cage nanoparticles based on human ferritin. <i>Nanoscale</i> , 2013, 5, 12278.	5.6	119
4	Moonlighting by Different Stressors: Crystal Structure of the Chaperone Species of a 2-Cys Peroxiredoxin. <i>Structure</i> , 2012, 20, 429-439.	3.3	102
5	Analysis and assessment of comparative modeling predictions in CASP4. <i>Proteins: Structure, Function and Bioinformatics</i> , 2001, 45, 22-38.	2.6	101
6	Antibody Modeling: Implications for Engineering and Design. <i>Methods</i> , 2000, 20, 267-279.	3.8	98
7	Vascular endothelial growth factor receptor-1 is deposited in the extracellular matrix by endothelial cells and is a ligand for the $\alpha 5 \beta 1$ integrin. <i>Journal of Cell Science</i> , 2003, 116, 3479-3489.	2.0	97
8	Improved Doxorubicin Encapsulation and Pharmacokinetics of Ferritin-Fusion Protein Nanocarriers Bearing Proline, Serine, and Alanine Elements. <i>Biomacromolecules</i> , 2016, 17, 514-522.	5.4	88
9	Duplication, divergence and formation of novel protein topologies. <i>BioEssays</i> , 2006, 28, 973-978.	2.5	67
10	Isoleucyl-tRNA synthetase levels modulate the penetrance of a homoplasmic m.4277T>C mitochondrial tRNA ^{Leu} mutation causing hypertrophic cardiomyopathy. <i>Human Molecular Genetics</i> , 2012, 21, 85-100.	2.9	67
11	Positive and Negative Regulation of Angiogenesis by Soluble Vascular Endothelial Growth Factor Receptor-1. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1306.	4.1	67
12	The Truncated Oxygen-avid Hemoglobin from <i>Bacillus subtilis</i> . <i>Journal of Biological Chemistry</i> , 2005, 280, 9192-9202.	3.4	66
13	Selective delivery of doxorubicin by novel stimuli-sensitive nano-ferritins overcomes tumor refractoriness. <i>Journal of Controlled Release</i> , 2016, 239, 10-18.	9.9	60
14	Antibody structure, prediction and redesign. <i>Biophysical Chemistry</i> , 1997, 68, 9-16.	2.8	56
15	Selective targeting of melanoma by PEG-masked protein-based multifunctional nanoparticles. <i>International Journal of Nanomedicine</i> , 2012, 7, 1489.	6.7	50
16	A novel thermostable hemoglobin from the actinobacterium <i>Thermobifida fusca</i> . <i>FEBS Journal</i> , 2005, 272, 4189-4201.	4.7	48
17	Insights into the Catalytic Mechanism of Glutathione S-Transferase: The Lesson from <i>Schistosoma haematobium</i> . <i>Structure</i> , 2005, 13, 1241-1246.	3.3	46
18	A single-chain antibody fragment is functionally expressed in the cytoplasm of both <i>Escherichia coli</i> and transgenic plants. <i>FEBS Journal</i> , 1999, 262, 617-624.	0.2	45

#	ARTICLE	IF	CITATIONS
19	The isolated carboxy-terminal domain of human mitochondrial leucyl-tRNA synthetase rescues the pathological phenotype of mitochondrial tRNA mutations in human cells. <i>EMBO Molecular Medicine</i> , 2014, 6, 169-182.	6.9	43
20	Sequence Conservation in Families Whose Members Have Little or No Sequence Similarity: The Four-helical Cytokines and Cytochromes. <i>Journal of Molecular Biology</i> , 2002, 322, 205-233.	4.2	41
21	Analysis of a cDNA sequence encoding the immunoglobulin heavy chain of the Antarctic teleost <i>Trematomus bernacchii</i> . <i>Fish and Shellfish Immunology</i> , 2000, 10, 343-357.	3.6	38
22	Engineering Stable Cytoplasmic Intrabodies with Designed Specificity. <i>Journal of Molecular Biology</i> , 2003, 330, 323-332.	4.2	38
23	Exploring the Cytochrome c Folding Mechanism. <i>Journal of Biological Chemistry</i> , 2003, 278, 41136-41140.	3.4	38
24	Site-specific proteolytic degradation of IgG monoclonal antibodies expressed in tobacco plants. <i>Plant Biotechnology Journal</i> , 2015, 13, 235-245.	8.3	37
25	Can yeast be used to study mitochondrial diseases? Biolistic tRNA mutants for the analysis of mechanisms and suppressors. <i>Mitochondrion</i> , 2009, 9, 408-417.	3.4	36
26	Yeast as a model of human mitochondrial tRNA base substitutions: Investigation of the molecular basis of respiratory defects. <i>Rna</i> , 2007, 14, 275-283.	3.5	35
27	Role of a Conserved Active Site Cation-Interaction in <i>Escherichia coli</i> Serine Hydroxymethyltransferase. <i>Biochemistry</i> , 2009, 48, 12034-12046.	2.5	35
28	A proangiogenic peptide derived from vascular endothelial growth factor receptor-1 acts through $\alpha 5 \beta 1$ integrin. <i>Blood</i> , 2008, 111, 3479-3488.	1.4	30
29	Antitumor activity of a novel anti-vascular endothelial growth factor receptor-1 monoclonal antibody that does not interfere with ligand binding. <i>Oncotarget</i> , 2016, 7, 72868-72885.	1.8	25
30	In Vivo Targeting of Cutaneous Melanoma Using an Melanoma Stimulating Hormone-Engineered Human Protein Cage with Fluorophore and Magnetic Resonance Imaging Tracers. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 81-92.	1.1	24
31	Inhibition of endothelial cell migration and angiogenesis by a vascular endothelial growth factor receptor-1 derived peptide. <i>European Journal of Cancer</i> , 2008, 44, 1914-1921.	2.8	21
32	The folding pathway of an engineered circularly permuted PDZ domain. <i>Protein Engineering, Design and Selection</i> , 2008, 21, 155-160.	2.1	20
33	Glucose transportation in the brain and its impairment in Huntington disease: one more shade of the energetic metabolism failure?. <i>Amino Acids</i> , 2017, 49, 1147-1157.	2.7	20
34	One ring (or two) to hold them all – on the structure and function of protein nanotubes. <i>FEBS Journal</i> , 2015, 282, 2827-2845.	4.7	19
35	Short peptides from leucyl-tRNA synthetase rescue disease-causing mitochondrial tRNA point mutations. <i>Human Molecular Genetics</i> , 2016, 25, 903-915.	2.9	19
36	Antibody proteolysis: a common picture emerging from plants. <i>Bioengineered</i> , 2015, 6, 299-302.	3.2	17

#	ARTICLE	IF	CITATIONS
37	Peptidyl and azapeptidyl methylketones as substrate analog inhibitors of papain and cathepsin B. <i>European Journal of Medicinal Chemistry</i> , 1995, 30, 931-941.	5.5	16
38	Proteomic and functional analyses reveal pleiotropic action of the anti-tumoral compound NBDHEX in <i>Giardia duodenalis</i> . <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2017, 7, 147-158.	3.4	16
39	Aminoacylation and conformational properties of yeast mitochondrial tRNA mutants with respiratory deficiency. <i>Rna</i> , 2005, 11, 914-927.	3.5	15
40	Humanization of a highly stable single-chain antibody by structure-based antigen-binding site grafting. <i>Molecular Immunology</i> , 2008, 45, 2474-2485.	2.2	15
41	A novel chimera: The truncated hemoglobin-antibiotic monooxygenase from <i>Streptomyces avermitilis</i> . <i>Gene</i> , 2007, 398, 52-61.	2.2	14
42	Hb($\alpha_1\beta_2$): A novel fusion construct for a dimeric, four-domain hemoglobin. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2008, 1784, 1462-1470.	2.3	13
43	The crystal structure of archaeal serine hydroxymethyltransferase reveals idiosyncratic features likely required to withstand high temperatures. <i>Proteins: Structure, Function and Bioinformatics</i> , 2014, 82, 3437-3449.	2.6	13
44	High activity and low toxicity of a novel CD71-targeting nanotherapeutic named The-0504 on preclinical models of several human aggressive tumors. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 63.	8.6	13
45	Novel compound mutations in the mitochondrial translation elongation factor (TSFM) gene cause severe cardiomyopathy with myocardial fibro-adipose replacement. <i>Scientific Reports</i> , 2019, 9, 5108.	3.3	12
46	Engineered Human Nanoferritin Bearing the Drug Genz-644282 for Cancer Therapy. <i>Pharmaceutics</i> , 2020, 12, 992.	4.5	12
47	Exploiting evolutionary relationships for predicting protein structures. <i>Biotechnology and Bioengineering</i> , 2003, 84, 756-762.	3.3	10
48	A novel resveratrol derivative induces mitotic arrest, centrosome fragmentation and cancer cell death by inhibiting β -tubulin. <i>Cell Division</i> , 2019, 14, 3.	2.4	9
49	Bioinformatics analysis of Ras homologue enriched in the striatum, a potential target for Huntington's disease therapy. <i>International Journal of Molecular Medicine</i> , 2019, 44, 2223-2233.	4.0	9
50	Structural and functional role of bases 32 and 33 in the anticodon loop of yeast mitochondrial tRNA ^{leu} . <i>Rna</i> , 2011, 17, 1983-1996.	3.5	8
51	<i>Drosophila</i> CG3303 is an essential endoribonuclease linked to TDP-43-mediated neurodegeneration. <i>Scientific Reports</i> , 2017, 7, 41559.	3.3	8
52	Neuropilin-1 is required for endothelial cell adhesion to soluble vascular endothelial growth factor receptor 1. <i>FEBS Journal</i> , 2022, 289, 183-198.	4.7	7
53	Exogenous peptides are able to penetrate human cell and mitochondrial membranes, stabilize mitochondrial tRNA structures, and rescue severe mitochondrial defects. <i>FASEB Journal</i> , 2020, 34, 7675-7686.	0.5	6
54	Exploring the Ability of LARS2 Carboxy-Terminal Domain in Rescuing the MELAS Phenotype. <i>Life</i> , 2021, 11, 674.	2.4	6

#	ARTICLE	IF	CITATIONS
55	Protein structure prediction and design. <i>Biotechnology Annual Review</i> , 1998, 4, 177-214.	2.1	5
56	The yeast model suggests the use of short peptides derived from mt LeuRS for the therapy of diseases due to mutations in several mt tRNAs. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 3065-3074.	4.1	5
57	Known Drugs Identified by Structure-Based Virtual Screening Are Able to Bind Sigma-1 Receptor and Increase Growth of Huntington Disease Patient-Derived Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1293.	4.1	5
58	Metals and Metal Derivatives in Medicine. <i>Mini-Reviews in Medicinal Chemistry</i> , 2013, 13, 211-221.	2.4	4
59	The phenotypic expression of mitochondrial tRNA-mutations can be modulated by either mitochondrial leucyl-tRNA synthetase or the C-terminal domain thereof. <i>Frontiers in Genetics</i> , 2015, 6, 113.	2.3	4
60	Huntingtin Ubiquitination Mechanisms and Novel Possible Therapies to Decrease the Toxic Effects of Mutated Huntingtin. <i>Journal of Personalized Medicine</i> , 2021, 11, 1309.	2.5	4
61	Protein Structure Prediction. <i>Methods in Molecular Biology</i> , 2008, 453, 33-85.	0.9	3
62	Arabidopsis N-acetyltransferase activity 2 preferentially acetylates 1,3-diaminopropane and thialysine. <i>Plant Physiology and Biochemistry</i> , 2022, 170, 123-132.	5.8	3
63	Recombinant human antibodies specific for hepatitis C virus proteins. <i>Archives of Virology</i> , 1997, 142, 601-610.	2.1	2
64	Biomimetic Materials Synthesis from Ferritin-Related, Cage-Shaped Proteins. , 2012, , .		1
65	Protein Engineering of Multi-Modular Transcription Factor Alcohol Dehydrogenase Repressor 1 (Adr1p), a Tool for Dissecting In Vitro Transcription Activation. <i>Biomolecules</i> , 2019, 9, 497.	4.0	0