

Venkat Reddy Chirasani

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

406
citations

687363

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794594

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33
all docs

33
docs citations

33
times ranked

559
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping coâ€regulatory interactions among ligandâ€binding sites in ryanodine receptor 1. <i>Proteins: Structure, Function and Bioinformatics</i> , 2022, 90, 385-394.	2.6	2
2	Functional Gly297Ser Variant of the Physiological Dysglycemic Peptide Pancreastatin Is a Novel Risk Factor for Cardiometabolic Disorders. <i>Diabetes</i> , 2022, 71, 538-553.	0.6	4
3	Modifications to the Framework Regions Eliminate Chimeric Antigen Receptor Tonic Signaling. <i>Cancer Immunology Research</i> , 2021, 9, 441-453.	3.4	25
4	Functional and Structural Interactions between Ca ²⁺ , ATP and Caffeine Binding Sites of Skeletal Muscle Ryanodine Receptor (RyR1). <i>Biophysical Journal</i> , 2021, 120, 280a.	0.5	1
5	Activating Sphingosine-1-phospahte signaling in endothelial cells increases myosin light chain phosphorylation to decrease endothelial permeability thereby inhibiting cancer metastasis. <i>Cancer Letters</i> , 2021, 506, 107-119.	7.2	4
6	Divergent Mechanisms Activating RAS and Small GTPases Through Post-translational Modification. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 707439.	3.5	13
7	Identifying crucial E-protein residues responsible for unusual stability of Zika virus envelope. <i>Biophysical Journal</i> , 2021, 120, 4041-4054.	0.5	1
8	Structural and functional interactions between the Ca ²⁺ , ATP-, and caffeine-binding sites of skeletal muscle ryanodine receptor (RyR1). <i>Journal of Biological Chemistry</i> , 2021, 297, 101040.	3.4	13
9	Two-input protein logic gate for computation in living cells. <i>Nature Communications</i> , 2021, 12, 6615.	12.8	20
10	Development of a Novel Multi-Isoform ALDH Inhibitor Effective as an Antimelanoma Agent. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 447-459.	4.1	15
11	ASR490, a Small Molecule, Overrides Aberrant Expression of <i>Notch1</i> in Colorectal Cancer. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 2422-2431.	4.1	4
12	Single-channel properties of skeletal muscle ryanodine receptor pore \hat{r} 4923FF4924 in two brothers with a lethal form of fetal akinesia. <i>Cell Calcium</i> , 2020, 87, 102182.	2.4	6
13	Molecular Basis of Differential Stability and Temperature Sensitivity of ZIKA versus Dengue Virus Protein Shells. <i>Scientific Reports</i> , 2020, 10, 8411.	3.3	8
14	A central core disease mutation in the Ca ²⁺ -binding site of skeletal muscle ryanodine receptor impairs single-channel regulation. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 317, C358-C365.	4.6	22
15	Limits in accuracy and a strategy of RNA structure prediction using experimental information. <i>Nucleic Acids Research</i> , 2019, 47, 5563-5572.	14.5	10
16	Molecular mechanisms of heterogeneous oligomerization of huntingtin proteins. <i>Scientific Reports</i> , 2019, 9, 7615.	3.3	21
17	Mutation Analysis of the Calcium Binding Site of Skeletal Muscle Ryanodine Receptor Calcium Release Channel. <i>Biophysical Journal</i> , 2019, 116, 520a-521a.	0.5	0
18	How Zika Sustains High Temperatures: Insights from Atomic Simulations. <i>Biophysical Journal</i> , 2018, 114, 337a.	0.5	0

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19	G4941K substitution in the pore-lining S6 helix of the skeletal muscle ryanodine receptor increases RyR1 sensitivity to cytosolic and luminal Ca ²⁺ . Journal of Biological Chemistry, 2018, 293, 2015-2028.	3.4	10
20	Ca ²⁺ -mediated activation of the skeletal-muscle ryanodine receptor ion channel. Journal of Biological Chemistry, 2018, 293, 19501-19509.	3.4	27
21	How cholesteryl ester transfer protein can also be a potential triglyceride transporter. Scientific Reports, 2017, 7, 6159.	3.3	9
22	Decrease in the Generation of Amyloid- β Due to Salvianolic Acid B by Modulating BACE1 Activity. Current Alzheimer Research, 2017, 14, 1229-1237.	1.4	15
23	Mechanism of Inhibition of Cholesteryl Ester Transfer Protein by Small Molecule Inhibitors. Journal of Physical Chemistry B, 2016, 120, 8254-8263.	2.6	13
24	Structural Plasticity of Cholesteryl Ester Transfer Protein Assists the Lipid Transfer Activity. Journal of Biological Chemistry, 2016, 291, 19462-19473.	3.4	20
25	Catestatin Gly364Ser Variant Alters Systemic Blood Pressure and the Risk for Hypertension in Human Populations via Endothelial Nitric Oxide Pathway. Hypertension, 2016, 68, 334-347.	2.7	21
26	Regulation of intestinal SGLT1 by catestatin in hyperleptinemic type 2 diabetic mice. Laboratory Investigation, 2016, 96, 98-111.	3.7	29
27	Modulation of the mitochondrial voltage dependent anion channel (VDAC) by curcumin. Biochimica Et Biophysica Acta - Biomembranes, 2015, 1848, 151-158.	2.6	39
28	Molecular analyses of novel <i>ASAH1</i> mutations causing Farber lipogranulomatosis: analyses of exonic splicing enhancer inactivating mutation. Clinical Genetics, 2014, 86, 530-538.	2.0	19
29	Naturally Occurring Variants of the Dysglycemic Peptide Pancreastatin. Journal of Biological Chemistry, 2014, 289, 4455-4469.	3.4	19
30	A founder ectodysplasin A receptor (EDAR) mutation results in a high frequency of the autosomal recessive form of hypohidrotic ectodermal dysplasia in India. British Journal of Dermatology, 2012, 166, 819-829.	1.5	16