

Venkat Venkataraman

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

294
citations

1163117

8
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

449
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain-Reactive Autoantibodies Prevalent in Human Sera Increase Intraneuronal Amyloid- β 1-42 Deposition. <i>Journal of Alzheimer's Disease</i> , 2011, 25, 605-622.	2.6	65
2	Tunable green graphene-silk biomaterials: Mechanism of protein-based nanocomposites. <i>Materials Science and Engineering C</i> , 2017, 79, 728-739.	7.3	50
3	Retinal pathology is associated with increased blood-brain barrier permeability in a diabetic and hypercholesterolaemic pig model: Beneficial effects of the LpPLA ₂ inhibitor Darapladib. <i>Diabetes and Vascular Disease Research</i> , 2017, 14, 200-213.	2.0	39
4	Silk fibroin-poly(lactic acid) biocomposites: Effect of protein-synthetic polymer interactions and miscibility on material properties and biological responses. <i>Materials Science and Engineering C</i> , 2019, 104, 109890.	7.3	34
5	Age-dependent increase of blood-brain barrier permeability and neuron-binding autoantibodies in S100B knockout mice. <i>Brain Research</i> , 2016, 1637, 154-167.	2.2	26
6	Histamine Induces Alzheimer's Disease-Like Blood Brain Barrier Breach and Local Cellular Responses in Mouse Brain Organotypic Cultures. <i>BioMed Research International</i> , 2015, 2015, 1-12.	1.9	22
7	Electrophoretic mobility shift in native gels indicates calcium-dependent structural changes of neuronal calcium sensor proteins. <i>Analytical Biochemistry</i> , 2016, 494, 93-100.	2.4	16
8	S100B Inhibition Attenuates Intestinal Damage and Diarrhea Severity During <i>Clostridioides difficile</i> Infection by Modulating Inflammatory Response. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 739874.	3.9	16
9	Astrocytic S100B, Blood-Brain Barrier and Neurodegenerative Diseases. , 2020, , .		6
10	Data on the calcium-induced mobility shift of myristoylated and non-myristoylated forms of neurocalcin delta. <i>Data in Brief</i> , 2016, 7, 630-633.	1.0	5
11	Datasets depicting mobility retardation of NCS proteins observed upon incubation with calcium, but not with magnesium, barium or strontium. <i>Data in Brief</i> , 2016, 7, 1606-1608.	1.0	4
12	A Preliminary Report: The Hippocampus and Surrounding Temporal Cortex of Patients With Schizophrenia Have Impaired Blood-Brain Barrier. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 836980.	2.0	4
13	Single-column purification of the tag-free, recombinant form of the neuronal calcium sensor protein, hippocalcin expressed in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2016, 123, 35-41.	1.3	3
14	Data on the identity and myristoylation state of recombinant, purified hippocalcin. <i>Data in Brief</i> , 2016, 8, 78-81.	1.0	1
15	An Acute Retinal Model for Evaluating Blood Retinal Barrier Breach and Potential Drugs for Treatment. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	1
16	Data on final calcium concentration in native gel reagents determined accurately through inductively coupled plasma measurements. <i>Data in Brief</i> , 2016, 6, 820-822.	1.0	1
17	Calcium-Dependent Translocation of S100B Is Facilitated by Neurocalcin Delta. <i>Molecules</i> , 2021, 26, 227.	3.8	1
18	Selective affinity of extravasated brain-reactive IgG autoantibodies for pyramidal neurons is linked to brain amyloid beta deposition, neuronal dysfunction, and cognitive decline.. <i>Alzheimer's and Dementia</i> , 2021, 17 Suppl 3, e055567.	0.8	0