

Denes V Agoston

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

2,657
citations

172457

29
h-index

189892

50
g-index

61
all docs

61
docs citations

61
times ranked

3329
citing authors

#	ARTICLE	IF	CITATIONS
1	Biofluid biomarkers of traumatic brain injury. <i>Brain Injury</i> , 2017, 31, 1195-1203.	1.2	157
2	Acute Minocycline Treatment Mitigates the Symptoms of Mild Blast-Induced Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 2012, 3, 111.	2.4	134
3	How to Translate Time? The Temporal Aspect of Human and Rodent Biology. <i>Frontiers in Neurology</i> , 2017, 8, 92.	2.4	124
4	SATB2 interacts with chromatin remodeling molecules in differentiating cortical neurons. <i>European Journal of Neuroscience</i> , 2008, 27, 865-873.	2.6	120
5	Factors Affecting Blast Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2011, 28, 2145-2153.	3.4	107
6	The Effect of Enriched Environment on the Outcome of Traumatic Brain Injury; A Behavioral, Proteomics, and Histological Study. <i>Frontiers in Neuroscience</i> , 2011, 5, 42.	2.8	107
7	Stress and Traumatic Brain Injury: A Behavioral, Proteomics, and Histological Study. <i>Frontiers in Neurology</i> , 2011, 2, 12.	2.4	105
8	The effect of concomitant peripheral injury on traumatic brain injury pathobiology and outcome. <i>Journal of Neuroinflammation</i> , 2016, 13, 90.	7.2	102
9	Myelin transcription factor 1 (Myt1) of the oligodendrocyte lineage, along with a closely related CCHC zinc finger, is expressed in developing neurons in the mammalian central nervous system. <i>Journal of Neuroscience Research</i> , 1997, 50, 272-290.	2.9	100
10	Time-Dependent Changes in Serum Biomarker Levels after Blast Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2011, 28, 1121-1126.	3.4	94
11	Isolation and Characterization of SATB2, a Novel AT-rich DNA Binding Protein Expressed in Development- and Cell-Specific Manner in the Rat Brain. <i>Neurochemical Research</i> , 2006, 31, 237-46.	3.3	83
12	Vascular Endothelial Growth Factor Is Involved in Mediating Increased <i>De Novo</i> Hippocampal Neurogenesis in Response to Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2010, 27, 541-553.	3.4	83
13	Distribution of VIP mRNA and two distinct VIP binding sites in the developing rat brain: Relation to ontogenic events. <i>Journal of Comparative Neurology</i> , 1994, 342, 186-205.	1.6	72
14	Behavioral, blood and magnetic resonance imaging biomarkers of experimental mild traumatic brain injury. <i>Scientific Reports</i> , 2016, 6, 28713.	3.3	72
15	Proteomic Biomarkers for Blast Neurotrauma: Targeting Cerebral Edema, Inflammation, and Neuronal Death Cascades. <i>Journal of Neurotrauma</i> , 2009, 26, 901-911.	3.4	68
16	A Model for Mild Traumatic Brain Injury that Induces Limited Transient Memory Impairment and Increased Levels of Axon Related Serum Biomarkers. <i>Frontiers in Neurology</i> , 2012, 3, 115.	2.4	67
17	The Temporal Pattern of Changes in Serum Biomarker Levels Reveals Complex and Dynamically Changing Pathologies after Exposure to a Single Low-Intensity Blast in Mice. <i>Frontiers in Neurology</i> , 2015, 6, 114.	2.4	66
18	Serum-Based Protein Biomarkers in Blast-Induced Traumatic Brain Injury Spectrum Disorder. <i>Frontiers in Neurology</i> , 2012, 3, 107.	2.4	65

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19	Identification of clinically relevant biomarkers of epileptogenesis â€” a strategic roadmap. <i>Nature Reviews Neurology</i> , 2021, 17, 231-242.	10.1	54
20	Long-term consequences of single and multiple mild blast exposure on select physiological parameters and blood-based biomarkers. <i>Electrophoresis</i> , 2013, 34, 2229-2233.	2.4	47
21	Modelling traumatic brain injury and posttraumatic epilepsy in rodents. <i>Neurobiology of Disease</i> , 2019, 123, 8-19.	4.4	46
22	Influence of Blood-Brain Barrier Integrity on Brain Protein Biomarker Clearance in Severe Traumatic Brain Injury: A Longitudinal Prospective Study. <i>Journal of Neurotrauma</i> , 2020, 37, 1381-1391.	3.4	46
23	Diffusion Tensor Imaging Reveals Acute Subcortical Changes after Mild Blast-Induced Traumatic Brain Injury. <i>Scientific Reports</i> , 2014, 4, 4809.	3.3	43
24	Spontaneous electrical activity regulates vasoactive intestinal peptide expression in dissociated spinal cord cell cultures. <i>Molecular Brain Research</i> , 1991, 10, 235-240.	2.3	41
25	Reverse phase protein microarray technology in traumatic brain injury. <i>Journal of Neuroscience Methods</i> , 2010, 192, 96-101.	2.5	37
26	Ikars is expressed in developing striatal neurons and involved in enkephalinergic differentiation. <i>Journal of Neurochemistry</i> , 2007, 102, 1805-1816.	3.9	35
27	Repeated mild traumatic brain injuries induce persistent changes in plasma protein and magnetic resonance imaging biomarkers in the rat. <i>Scientific Reports</i> , 2019, 9, 14626.	3.3	35
28	The Known Unknowns: An Overview of the State of Blood-Based Protein Biomarkers of Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2021, 38, 2652-2666.	3.4	35
29	Inhibition of VEGF receptor 2 increased cell death of dentate hilar neurons after traumatic brain injury. <i>Experimental Neurology</i> , 2009, 220, 400-403.	4.1	34
30	How to Translate Time: The Temporal Aspects of Rodent and Human Pathobiological Processes in Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2019, 36, 1724-1737.	3.4	34
31	Oculomotor Cognitive Control Abnormalities in Australian Rules Football Players with a History of Concussion. <i>Journal of Neurotrauma</i> , 2018, 35, 730-738.	3.4	29
32	Effect of Penetrating Brain Injury on Aquaporin-4 Expression Using a Rat Model. <i>Journal of Neurotrauma</i> , 2007, 24, 1609-1617.	3.4	28
33	Repeated mild blast exposure in young adult rats results in dynamic and persistent microstructural changes in the brain. <i>NeuroImage: Clinical</i> , 2018, 18, 60-73.	2.7	28
34	Big Data in traumatic brain injury; promise and challenges. <i>Concussion</i> , 2017, 2, CNC44.	1.0	25
35	AUF1 Is Expressed in the Developing Brain, Binds to AT-rich Double-stranded DNA, and Regulates Enkephalin Gene Expression. <i>Journal of Biological Chemistry</i> , 2006, 281, 28889-28900.	3.4	23
36	Bench-To-Bedside and Bedside Back to the Bench; Coordinating Clinical and Experimental Traumatic Brain Injury Studies. <i>Frontiers in Neurology</i> , 2012, 3, 3.	2.4	23

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37	Modeling the Long-Term Consequences of Repeated Blast-Induced Mild Traumatic Brain Injuries. <i>Journal of Neurotrauma</i> , 2017, 34, S-44-S-52.	3.4	23
38	Serum Protein Biomarker Findings Reflective of Oxidative Stress and Vascular Abnormalities in Male, but Not Female, Collision Sport Athletes. <i>Frontiers in Neurology</i> , 2020, 11, 549624.	2.4	20
39	A Comparative Study of Two Blast-Induced Traumatic Brain Injury Models: Changes in Monoamine and Galanin Systems Following Single and Repeated Exposure. <i>Frontiers in Neurology</i> , 2018, 9, 479.	2.4	19
40	Sample and probe: a novel approach for identifying development-specific cis-elements of the enkephalin gene. <i>Molecular Brain Research</i> , 1997, 52, 98-111.	2.3	18
41	Members of the NuRD Chromatin Remodeling Complex Interact with AUF1 in Developing Cortical Neurons. <i>Cerebral Cortex</i> , 2008, 18, 2909-2919.	2.9	18
42	Molecular mechanisms of increased cerebral vulnerability after repeated mild blast-induced traumatic brain injury. <i>Translational Proteomics</i> , 2014, 3, 22-37.	1.2	18
43	The Terminal Pathway of the Complement System Is Activated in Focal Penetrating But Not in Mild Diffuse Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2013, 30, 1954-1965.	3.4	17
44	A novel rat model of heterotopic ossification after polytrauma with traumatic brain injury. <i>Bone</i> , 2020, 133, 115263.	2.9	16
45	Farâ€upstream elements are dispensable for tissueâ€specific proenkephalin expression using a Creâ€mediated knockâ€in strategy. <i>Journal of Neurochemistry</i> , 2003, 84, 689-697.	3.9	15
46	Bench-to-Bedside and Bedside Back to the Bench; Seeking a Better Understanding of the Acute Pathophysiological Process in Severe Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 2015, 6, 47.	2.4	15
47	Targeting the Cerebrovascular System: Next-Generation Biomarkers and Treatment for Mild Traumatic Brain Injury. <i>Neuroscientist</i> , 2022, 28, 594-612.	3.5	15
48	Shortened telomeres and serum protein biomarker abnormalities in collision sport athletes regardless of concussion history and sex. <i>Journal of Concussion</i> , 2020, 4, 205970022097560.	0.6	13
49	Protein biomarkers of epileptogenicity after traumatic brain injury. <i>Neurobiology of Disease</i> , 2019, 123, 59-68.	4.4	12
50	Septamer Element-Binding Proteins in Neuronal and Glial Differentiation. <i>Journal of Neuroscience</i> , 2000, 20, 1073-1084.	3.6	11
51	Isolation and Structural and Genetic Analysis of the Mouse Enkephalin Gene and its d(AC/TC)nRepeats. <i>DNA Sequence</i> , 1998, 9, 217-226.	0.7	10
52	Incorporating Blood Flow in Nerve Injury and Regeneration Assessment. <i>Frontiers in Surgery</i> , 2022, 9, 862478.	1.4	10
53	Where will the (New) Drugs for Traumatic Brain Injury Treatment be Coming From?. <i>Frontiers in Neurology</i> , 2012, 3, 27.	2.4	7
54	Of Timescales, Animal Models, and Human Disease: The 50th Anniversary of <i>C. elegans</i> as a Biological Model. <i>Frontiers in Neurology</i> , 2013, 4, 129.	2.4	7

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55	Transcriptional Controls in the Oligodendrocyte Lineage. , 1997, , 182-190.		6
56	Editorial: When Physics Meets Biology; Biomechanics and Biology of Traumatic Brain Injury. Frontiers in Neurology, 2016, 7, 91.	2.4	5
57	Big Data, Artificial Intelligence, and Machine Learning in Neurotrauma. , 2019, , 53-75.		5
58	Understanding the complexities of traumatic brain injury: A big data approach to a big disease. Behavioural Brain Research, 2018, 340, 172-173.	2.2	4
59	COVID-19 and Traumatic Brain Injury (TBI); What We Can Learn From the Viral Pandemic to Better Understand the Biology of TBI, Improve Diagnostics and Develop Evidence-Based Treatments. Frontiers in Neurology, 2021, 12, 752937.	2.4	3
60	Great insight created by tiny holes; celebrating 40 years of brain micropunch technique. Frontiers in Neuroanatomy, 2014, 8, 61.	1.7	1
61	Clinically Relevant Outcome Measures for Experimental Traumatic Brain Injury (TBI) Studies. Neuromethods, 2019, , 263-294.	0.3	0