

AntiÅ±o R Allen

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,238
citations

361045

20
h-index

395343

33
g-index

52
all docs

52
docs citations

52
times ranked

1293
citing authors

#	ARTICLE	IF	CITATIONS
1	Piperlongumine as a Neuro-Protectant in Chemotherapy Induced Cognitive Impairment. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2008.	1.8	6
2	Alzheimer amyloid- β - peptide disrupts membrane localization of glucose transporter 1 in astrocytes: implications for glucose levels in brain and blood. <i>Neurobiology of Aging</i> , 2021, 97, 73-88.	1.5	20
3	Performance measures of racially underrepresented Ph.D. students in biomedical sciences: The UAMS IMSD Program Outcomes. <i>PLoS ONE</i> , 2021, 16, e0246683.	1.1	1
4	Implications of Breast Cancer Chemotherapy-Induced Inflammation on the Gut, Liver, and Central Nervous System. <i>Biomedicines</i> , 2021, 9, 189.	1.4	24
5	Consequences of space radiation on the brain and cardiovascular system. <i>Journal of Environmental Science and Health, Part C: Toxicology and Carcinogenesis</i> , 2021, 39, 180-218.	0.4	13
6	Cognitive impairment resulting from treatment with docetaxel, doxorubicin, and cyclophosphamide. <i>Brain Research</i> , 2021, 1760, 147397.	1.1	10
7	Effects of ^{16}O charged-particle irradiation on cognition, hippocampal morphology and mutagenesis in female mice. <i>Behavioural Brain Research</i> , 2021, 407, 113257.	1.2	3
8	Overexpression of catalase in mitochondria mitigates changes in hippocampal cytokine expression following simulated microgravity and isolation. <i>Npj Microgravity</i> , 2021, 7, 24.	1.9	4
9	A Bibliometric Analysis of Cyclophosphamide, Methotrexate, and Fluorouracil Breast Cancer Treatments: Implication for the Role of Inflammation in Cognitive Dysfunction. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 683389.	1.6	5
10	Tocotrienols as an Anti-Breast Cancer Agent. <i>Antioxidants</i> , 2021, 10, 1383.	2.2	9
11	Combined Mechanical and Enzymatic Dissociation of Mouse Brain Hippocampal Tissue. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	1
12	The Effects of 5-Fluorouracil/Leucovorin Chemotherapy on Cognitive Function in Male Mice. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 762116.	1.6	5
13	Simulated Galactic Cosmic Rays Modify Mitochondrial Metabolism in Osteoclasts, Increase Osteoclastogenesis and Cause Trabecular Bone Loss in Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11711.	1.8	5
14	Early Effects of Cyclophosphamide, Methotrexate, and 5-Fluorouracil on Neuronal Morphology and Hippocampal-Dependent Behavior in a Murine Model. <i>Toxicological Sciences</i> , 2020, 173, 156-170.	1.4	14
15	Cranial irradiation impairs juvenile social memory and modulates hippocampal physiology. <i>Brain Research</i> , 2020, 1748, 147095.	1.1	7
16	Assessing the Effects of Redox Modifier MnTnBuOE-2-PyP 5+ on Cognition and Hippocampal Physiology Following Doxorubicin, Cyclophosphamide, and Paclitaxel Treatment. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1867.	1.8	14
17	Late Effects of ^{1}H + ^{16}O on Short-Term and Object Memory, Hippocampal Dendritic Morphology and Mutagenesis. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 96.	1.0	15
18	A Bibliometric Review of Artificial Extracellular Matrices Based on Tissue Engineering Technology Literature: 1990 through 2019. <i>Materials</i> , 2020, 13, 2891.	1.3	12

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19	A Bibliometric Review of Publications on Oxidative Stress and Chemobrain: 1990–2019. <i>Antioxidants</i> , 2020, 9, 439.	2.2	8
20	Late Effects of ¹⁶ O-Particle Radiation on Female Social and Cognitive Behavior and Hippocampal Physiology. <i>Radiation Research</i> , 2019, 191, 278.	0.7	25
21	Behavioral effects of space radiation: A comprehensive review of animal studies. <i>Life Sciences in Space Research</i> , 2019, 21, 1-21.	1.2	70
22	Loss of C/EBP β Exacerbates Radiation-Induced Cognitive Decline in Aged Mice due to Impaired Oxidative Stress Response. <i>International Journal of Molecular Sciences</i> , 2019, 20, 885.	1.8	8
23	Effects of thioTEPA chemotherapy on cognition and motor coordination. <i>Synapse</i> , 2019, 73, e22085.	0.6	6
24	Long-Term Changes in Cognition and Physiology after Low-Dose ¹⁶ O Irradiation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 188.	1.8	26
25	Effects of Cyclophosphamide and/or Doxorubicin in a Murine Model of Postchemotherapy Cognitive Impairment. <i>Toxicological Sciences</i> , 2018, 162, 462-474.	1.4	27
26	Late effects of ¹ H irradiation on hippocampal physiology. <i>Life Sciences in Space Research</i> , 2018, 17, 51-62.	1.2	19
27	Changes in cognition and dendritic complexity following intrathecal methotrexate and cytarabine treatment in a juvenile murine model. <i>Behavioural Brain Research</i> , 2018, 346, 21-28.	1.2	24
28	Behavioral Effects of Focal Irradiation in a Juvenile Murine Model. <i>Radiation Research</i> , 2018, 189, 605-617.	0.7	8
29	Early effects of ¹⁶ O radiation on neuronal morphology and cognition in a murine model. <i>Life Sciences in Space Research</i> , 2018, 17, 63-73.	1.2	31
30	Toward A variable RBE for proton beam therapy. <i>Radiotherapy and Oncology</i> , 2018, 128, 68-75.	0.3	71
31	The Effects of 5-Fluorouracil/Leucovorin Chemotherapy on Cognitive Function in Mice. <i>FASEB Journal</i> , 2018, 32, lb543.	0.2	0
32	²⁸ Si total body irradiation injures bone marrow hematopoietic stem cells via induction of cellular apoptosis. <i>Life Sciences in Space Research</i> , 2017, 13, 39-44.	1.2	8
33	Assessment of Hippocampal Dendritic Complexity in Aged Mice Using the Golgi-Cox Method. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	14
34	5-Fluorouracil chemotherapy upregulates cytokines and alters hippocampal dendritic complexity in aged mice. <i>Behavioural Brain Research</i> , 2017, 316, 215-224.	1.2	44
35	Densely ionizing radiation affects DNA methylation of selective LINE-1 elements. <i>Environmental Research</i> , 2016, 150, 470-481.	3.7	28
36	Effect of behavioral testing on spine density of basal dendrites in the CA1 region of the hippocampus modulated by ⁵⁶ Fe irradiation. <i>Behavioural Brain Research</i> , 2016, 302, 263-268.	1.2	17

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37	⁵⁶ Fe Irradiation Alters Spine Density and Dendritic Complexity in the Mouse Hippocampus. <i>Radiation Research</i> , 2015, 184, 586-594.	0.7	67
38	Effects of Proton and Combined Proton and ⁵⁶ Fe Radiation on the Hippocampus. <i>Radiation Research</i> , 2015, 185, 20.	0.7	72
39	Targeted Overexpression of Mitochondrial Catalase Prevents Radiation-Induced Cognitive Dysfunction. <i>Antioxidants and Redox Signaling</i> , 2015, 22, 78-91.	2.5	80
40	Combined exposure to protons and ⁵⁶ Fe leads to overexpression of Il13 and reactivation of repetitive elements in the mouse lung. <i>Life Sciences in Space Research</i> , 2015, 7, 1-8.	1.2	16
41	Delayed Administration of Alpha-Difluoromethylornithine Prevents Hippocampus-Dependent Cognitive Impairment after Single and Combined Injury in Mice. <i>Radiation Research</i> , 2014, 182, 489-498.	0.7	9
42	Long-term epigenetic effects of exposure to low doses of ⁵⁶ Fe in the mouse lung. <i>Journal of Radiation Research</i> , 2014, 55, 823-828.	0.8	34
43	Radiation exposure prior to traumatic brain injury induces responses that differ as a function of animal age. <i>International Journal of Radiation Biology</i> , 2014, 90, 214-223.	1.0	22
44	²⁸ Silicon Radiation-Induced Enhancement of Synaptic Plasticity in the Hippocampus of Na ⁺ and Cognitively Tested Mice. <i>Radiation Research</i> , 2014, 181, 362-368.	0.7	67
45	Exposure to Low-Dose ⁵⁶ Fe-Ion Radiation Induces Long-Term Epigenetic Alterations in Mouse Bone Marrow Hematopoietic Progenitor and Stem Cells. <i>Radiation Research</i> , 2014, 182, 92.	0.7	58
46	Effects of ⁵⁶ Fe radiation on hippocampal function in mice deficient in chemokine receptor 2 (CCR2). <i>Behavioural Brain Research</i> , 2013, 246, 69-75.	1.2	20
47	Effects of whole body ⁵⁶ Fe radiation on contextual freezing and Arc-positive cells in the dentate gyrus. <i>Behavioural Brain Research</i> , 2013, 246, 162-167.	1.2	41
48	Effects of Radiation Combined Injury on Hippocampal Function are Modulated in Mice Deficient in Chemokine Receptor 2 (CCR2). <i>Radiation Research</i> , 2013, 180, 78-88.	0.7	20
49	Spinal Transection Induces Widespread Proliferation of Cells along the Length of the Spinal Cord in a Weakly Electric Fish. <i>Brain, Behavior and Evolution</i> , 2012, 80, 269-280.	0.9	5
50	The Polyamine Inhibitor Alpha-Difluoromethylornithine Modulates Hippocampus-Dependent Function after Single and Combined Injuries. <i>PLoS ONE</i> , 2012, 7, e31094.	1.1	17
51	Cranial Irradiation Alters Dendritic Spine Density and Morphology in the Hippocampus. <i>PLoS ONE</i> , 2012, 7, e40844.	1.1	101
52	L-Citrulline Immunoreactivity Reveals Nitric Oxide Production in the Electromotor and Electrosensory Systems of the Weakly Electric Fish, <i>Apteronotus leptorhynchus</i> . <i>Brain, Behavior and Evolution</i> , 2005, 65, 1-13.	0.9	7