

Massimo S Fiandaca

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

4,361
citations

147726

31
h-index

114418

63
g-index

70
all docs

70
docs citations

70
times ranked

6513
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasma phospholipids identify antecedent memory impairment in older adults. <i>Nature Medicine</i> , 2014, 20, 415-418.	15.2	885
2	Identification of preclinical Alzheimer's disease by a profile of pathogenic proteins in neurally derived blood exosomes: A case-control study. <i>Alzheimer's and Dementia</i> , 2015, 11, 600.	0.4	656
3	Adrenal medullary autografts into the basal ganglia of Cebus monkeys: Injury-induced regeneration. <i>Experimental Neurology</i> , 1988, 102, 76-91.	2.0	194
4	Diagnosis of Parkinson's disease on the basis of clinical and genetic classification: a population-based modelling study. <i>Lancet Neurology</i> , The, 2015, 14, 1002-1009.	4.9	179
5	NGF-like trophic support from peripheral nerve for grafted rhesus adrenal chromaffin cells. <i>Journal of Neurosurgery</i> , 1990, 73, 418-428.	0.9	142
6	Image-Guided Convection-Enhanced Delivery Platform in the Treatment of Neurological Diseases. <i>Neurotherapeutics</i> , 2008, 5, 123-127.	2.1	120
7	Interventional MRI-guided Putaminal Delivery of AAV2-GDNF for a Planned Clinical Trial in Parkinson's Disease. <i>Molecular Therapy</i> , 2011, 19, 1048-1057.	3.7	120
8	The critical need for defining preclinical biomarkers in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2014, 10, S196-212.	0.4	113
9	Biochemical and Behavioral Correction of MPTP Parkinson-like Syndrome by Fetal Cell Transplantation. <i>Annals of the New York Academy of Sciences</i> , 1987, 495, 623-638.	1.8	101
10	Real-time MR imaging of adeno-associated viral vector delivery to the primate brain. <i>NeuroImage</i> , 2009, 47, T27-T35.	2.1	99
11	Plasma 24-metabolite Panel Predicts Preclinical Transition to Clinical Stages of Alzheimer's Disease. <i>Frontiers in Neurology</i> , 2015, 6, 237.	1.1	97
12	Detection of infusate leakage in the brain using real-time imaging of convection-enhanced delivery. <i>Journal of Neurosurgery</i> , 2008, 109, 874-880.	0.9	91
13	Striatal volume differences between non-human and human primates. <i>Journal of Neuroscience Methods</i> , 2009, 176, 200-205.	1.3	81
14	Translational Fidelity of Intrathecal Delivery of Self-Complementary AAV9 to Survival Motor Neuron 1 for Spinal Muscular Atrophy. <i>Human Gene Therapy</i> , 2014, 25, 619-630.	1.4	79
15	Precision pharmacology for Alzheimer's disease. <i>Pharmacological Research</i> , 2018, 130, 331-365.	3.1	79
16	Fetal Bovine Serum-Derived Extracellular Vesicles Persist within Vesicle-Depleted Culture Media. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3538.	1.8	79
17	What success can teach us about failure: the plasma metabolome of older adults with superior memory and lessons for Alzheimer's disease. <i>Neurobiology of Aging</i> , 2017, 51, 148-155.	1.5	74
18	Adrenal medullary autografts into the basal ganglia of Cebus monkeys: Graft viability and fine structure. <i>Experimental Neurology</i> , 1988, 102, 65-75.	2.0	71

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19	GDNF and Parkinson's Disease: Where Next? A Summary from a Recent Workshop. <i>Journal of Parkinson's Disease</i> , 2020, 10, 875-891.	1.5	63
20	Chapter 64 Striatal adrenal medulla/sural nerve cogafts in hemiparkinsonian monkeys. <i>Progress in Brain Research</i> , 1990, 82, 573-580.	0.9	62
21	Optimal region of the putamen for image-guided convection-enhanced delivery of therapeutics in human and non-human primates. <i>NeuroImage</i> , 2011, 54, S196-S203.	2.1	58
22	Qualitative Imaging of Adeno-Associated Virus Serotype 2's Human Aromatic L-Amino Acid Decarboxylase Gene Therapy in a Phase I Study for the Treatment of Parkinson Disease. <i>Neurosurgery</i> , 2010, 67, 1377-1385.	0.6	56
23	Foetal bovine serum influence on in vitro extracellular vesicle analyses. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12061.	5.5	56
24	Metabolomic biomarkers of pancreatic cancer: a meta-analysis study. <i>Oncotarget</i> , 2017, 8, 68899-68915.	0.8	55
25	Current status of gene therapy trials for Parkinson's disease. <i>Experimental Neurology</i> , 2008, 209, 51-57.	2.0	50
26	Recurrent intramedullary enterogenous cyst of the cervical spinal cord. <i>Child's Nervous System</i> , 1988, 4, 47-49.	0.6	47
27	Cannula placement for effective convection-enhanced delivery in the nonhuman primate thalamus and brainstem: implications for clinical delivery of therapeutics. <i>Journal of Neurosurgery</i> , 2010, 113, 240-248.	0.9	46
28	Critical periods after stroke study: translating animal stroke recovery experiments into a clinical trial. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 231.	1.0	46
29	Magnetic Resonance Imaging-Guided Delivery of Adeno-Associated Virus Type 2 to the Primate Brain for the Treatment of Lysosomal Storage Disorders. <i>Human Gene Therapy</i> , 2010, 21, 1093-1103.	1.4	39
30	Preliminary Report on the Use of Fetal Tissue Transplantation to Correct MPTP-Induced Parkinson-Like Syndrome in Primates. <i>Stereotactic and Functional Neurosurgery</i> , 1985, 48, 358-361.	0.8	33
31	Immunohistochemistry of Human Malignant Astrocytoma Cells Xenografted to Rat Brain: Apolipoprotein E. <i>Neurosurgery</i> , 1989, 24, 541-546.	0.6	33
32	ANATOMIC COMPRESSION CAUSED BY HIGH-VOLUME CONVECTION-ENHANCED DELIVERY TO THE BRAIN. <i>Neurosurgery</i> , 2009, 65, 579-586.	0.6	30
33	Plasma metabolomic biomarkers accurately classify acute mild traumatic brain injury from controls. <i>PLoS ONE</i> , 2018, 13, e0195318.	1.1	30
34	Carcinoid Tumor in a Presacral Teratoma Associated with an Anterior Sacral Meningocele: Case Report and Review of the Literature. <i>Neurosurgery</i> , 1988, 22, 581-588.	0.6	27
35	Response of the monkey cholinergic septohippocampal system to fornix transection: A histochemical and cytochemical analysis. <i>Journal of Comparative Neurology</i> , 1990, 298, 443-457.	0.9	27
36	The Use of Convection-Enhanced Delivery with Liposomal Toxins in Neurooncology. <i>Toxins</i> , 2011, 3, 369-397.	1.5	27

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37	Distribution of acid sphingomyelinase in rodent and non-human primate brain after intracerebroventricular infusion. <i>Experimental Neurology</i> , 2011, 231, 261-271.	2.0	26
38	Systems healthcare: a holistic paradigm for tomorrow. <i>BMC Systems Biology</i> , 2017, 11, 142.	3.0	22
39	Chapter 60 Delayed stereotactic transplantation technique in non-human primates. <i>Progress in Brain Research</i> , 1988, 78, 463-471.	0.9	18
40	Gene therapy for Parkinson's disease: from non-human primates to humans. <i>Current Opinion in Molecular Therapeutics</i> , 2010, 12, 519-29.	2.8	18
41	Chapter 36 Immunologic response to intracerebral fetal neural allografts in the rhesus monkey. <i>Progress in Brain Research</i> , 1988, 78, 287-296.	0.9	17
42	Plasma microRNA markers of upper limb recovery following human stroke. <i>Scientific Reports</i> , 2018, 8, 12558.	1.6	17
43	Tyrosine hydroxylase-immunoreactive somata within the primate subfornical organ: species specificity. <i>Brain Research</i> , 1988, 461, 221-229.	1.1	16
44	Toward Reproducible Results from Targeted Metabolomic Studies: Perspectives for Data Pre-processing and a Basis for Analytic Pipeline Development. <i>Current Topics in Medicinal Chemistry</i> , 2018, 18, 883-895.	1.0	16
45	A Community-Based Study Identifying Metabolic Biomarkers of Mild Cognitive Impairment and Alzheimer's Disease Using Artificial Intelligence and Machine Learning. <i>Journal of Alzheimer's Disease</i> , 2020, 78, 1381-1392.	1.2	16
46	BRAIN GRAFTING FOR PARKINSON'S DISEASE. <i>Transplantation</i> , 1991, 51, 549-556.	0.5	15
47	Potential Metabolomic Linkage in Blood between Parkinson's Disease and Traumatic Brain Injury. <i>Metabolites</i> , 2018, 8, 50.	1.3	14
48	Development of a novel frameless skull-mounted ball-joint guide array for use in image-guided neurosurgery. <i>Journal of Neurosurgery</i> , 2020, 132, 595-604.	0.9	13
49	Infuse-as-you-go convective delivery to enhance coverage of elongated brain targets: technical note. <i>Journal of Neurosurgery</i> , 2020, 133, 530-537.	0.9	12
50	Advancing gene therapies, methods, and technologies for Parkinson's Disease and other neurological disorders. <i>Neurologia i Neurochirurgia Polska</i> , 2020, 54, 220-231.	0.6	12
51	A retrotransposon storm marks clinical phenoconversion to late-onset Alzheimer's disease. <i>GeroScience</i> , 2022, 44, 1525-1550.	2.1	12
52	Human/nonhuman primate AC/PC ratio: Considerations for translational brain measurements. <i>Journal of Neuroscience Methods</i> , 2011, 196, 124-130.	1.3	11
53	Adrenal chromaffin cells as transplants in animal models of parkinson's disease. <i>Journal of Electron Microscopy Technique</i> , 1989, 12, 308-315.	1.1	10
54	Plasma Sphingomyelins in Late-Onset Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2021, 83, 1161-1171.	1.2	9

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55	TGFÎ² Drives Metabolic Perturbations during Epithelial Mesenchymal Transition in Pancreatic Cancer: TGFÎ² Induced EMT in PDAC. <i>Cancers</i> , 2021, 13, 6204.	1.7	8
56	Gene Therapy for the Treatment of Parkinsonâ€™s Disease: The Nature of the Biologics Expands the Future Indications. <i>Pharmaceuticals</i> , 2012, 5, 553-590.	1.7	7
57	Using viral-mediated gene delivery to model Parkinson's disease: Do nonhuman primate investigations expand our understanding?. <i>Experimental Neurology</i> , 2014, 256, 117-125.	2.0	7
58	Biomarker validation: Methods and matrix matter. <i>Alzheimer's and Dementia</i> , 2017, 13, 608-609.	0.4	7
59	Response to "Technical approaches to reduce interference of Fetal calf serum derived RNA in the analysis of extracellular vesicle RNA from cultured cells". <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1599681.	5.5	4
60	Adrenal Medullary Tissue Grafting in Parkinson's Disease. <i>Journal of Neurosurgery</i> , 1988, 69, 150-2.	0.9	2
61	Systems Biology: Unravelling Molecular Complexity in Health and Disease. , 2016, , 21-28.		2
62	Techniques in Adrenal Medullary Transplantation for Experimental Nonhuman Primate Parkinsonism. <i>Methods in Neurosciences</i> , 1994, , 253-271.	0.5	2
63	Social media communications networks and pharmacovigilance: SequelAE-2.0. , 2013, , .		1
64	Perspective: Striving Toward Reproducible Results in Blood-based Metabolomic Investigations for Brain Disorders. <i>Current Topics in Medicinal Chemistry</i> , 2018, 18, 1271-1273.	1.0	1
65	New Experimental and Computational Tools for Drug Discovery: From Chemistry to Biology. Metabolomics, Pharmacokinetics, and Medicinal Chemistry. Part - IV. <i>Current Topics in Medicinal Chemistry</i> , 2018, 18, 881-882.	1.0	1
66	Vertebrobasilar arterial occlusive disease: Medical and surgical management. <i>World Neurosurgery</i> , 1985, 23, 207-208.	1.3	0
67	Neural Injury and Regeneration (Advances in Neurology, Volume 59). <i>Neurosurgery</i> , 1993, 33, 169-170.	0.6	0
68	Real-Time Convection Delivery of Therapeutics to the Primate Brain. <i>Neuromethods</i> , 2016, , 175-194.	0.2	0
69	Blood Biomarkers of Cognitive Health and Neurodegenerative Disease. , 2020, , 568-586.		0