

# 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	A retrotransposon storm marks clinical phenoconversion to late-onset Alzheimer's disease. <i>GeroScience</i> , 2022, 44, 1525-1550.	2.1	12
2	Foetal bovine serum influence on in vitro extracellular vesicle analyses. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12061.	5.5	56
3	Plasma Sphingomyelins in Late-Onset Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2021, 83, 1161-1171.	1.2	9
4	TGF $\beta$ 2 Drives Metabolic Perturbations during Epithelial Mesenchymal Transition in Pancreatic Cancer: TGF $\beta$ 2 Induced EMT in PDAC. <i>Cancers</i> , 2021, 13, 6204.	1.7	8
5	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
6	Blood Biomarkers of Cognitive Health and Neurodegenerative Disease. , 2020, , 568-586.		0
7	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
8	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
9	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
10	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
11	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
12	Precision pharmacology for Alzheimer's disease. <i>Pharmacological Research</i> , 2018, 130, 331-365.	3.1	79
13	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
14	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
15	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
16	Potential Metabolomic Linkage in Blood between Parkinson's Disease and Traumatic Brain Injury. <i>Metabolites</i> , 2018, 8, 50.	1.3	14
17	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
18	Plasma metabolomic biomarkers accurately classify acute mild traumatic brain injury from controls. <i>PLoS ONE</i> , 2018, 13, e0195318.	1.1	30

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19	Plasma microRNA markers of upper limb recovery following human stroke. <i>Scientific Reports</i> , 2018, 8, 12558.	1.6	17
20	Biomarker validation: Methods and matrix matter. <i>Alzheimer's and Dementia</i> , 2017, 13, 608-609.	0.4	7
21	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
22	Systems healthcare: a holistic paradigm for tomorrow. <i>BMC Systems Biology</i> , 2017, 11, 142.	3.0	22
23	Metabolomic biomarkers of pancreatic cancer: a meta-analysis study. <i>Oncotarget</i> , 2017, 8, 68899-68915.	0.8	55
24	Systems Biology: Unravelling Molecular Complexity in Health and Disease. , 2016, , 21-28.		2
25	Real-Time Convection Delivery of Therapeutics to the Primate Brain. <i>Neuromethods</i> , 2016, , 175-194.	0.2	0
26	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
27	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
28	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
29	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
30	Plasma phospholipids identify antecedent memory impairment in older adults. <i>Nature Medicine</i> , 2014, 20, 415-418.	15.2	885
31	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
32	The critical need for defining preclinical biomarkers in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2014, 10, S196-212.	0.4	113
33	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
34	Social media communications networks and pharmacovigilance: SequelAE-2.0. , 2013, , .		1
35	Gene Therapy for the Treatment of Parkinson's Disease: The Nature of the Biologics Expands the Future Indications. <i>Pharmaceuticals</i> , 2012, 5, 553-590.	1.7	7
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	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
38	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
39	Human/nonhuman primate ACâ€“PC ratioâ€“Considerations for translational brain measurements. <i>Journal of Neuroscience Methods</i> , 2011, 196, 124-130.	1.3	11
40	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
41	Qualitative Imaging of Adeno-Associated Virus Serotype 2â€“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
42	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
43	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
44	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
45	Striatal volume differences between non-human and human primates. <i>Journal of Neuroscience Methods</i> , 2009, 176, 200-205.	1.3	81
46	Real-time MR imaging of adeno-associated viral vector delivery to the primate brain. <i>NeuroImage</i> , 2009, 47, T27-T35.	2.1	99
47	ANATOMIC COMPRESSION CAUSED BY HIGH-VOLUME CONVECTION-ENHANCED DELIVERY TO THE BRAIN. <i>Neurosurgery</i> , 2009, 65, 579-586.	0.6	30
48	Image-Guided Convection-Enhanced Delivery Platform in the Treatment of Neurological Diseases. <i>Neurotherapeutics</i> , 2008, 5, 123-127.	2.1	120
49	Current status of gene therapy trials for Parkinson's disease. <i>Experimental Neurology</i> , 2008, 209, 51-57.	2.0	50
50	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
51	Techniques in Adrenal Medullary Transplantation for Experimental Nonhuman Primate Parkinsonism. <i>Methods in Neurosciences</i> , 1994, , 253-271.	0.5	2
52	Neural Injury and Regeneration (Advances in Neurology, Volume 59). <i>Neurosurgery</i> , 1993, 33, 169-170.	0.6	0
53	BRAIN GRAFTING FOR PARKINSON'S DISEASE. <i>Transplantation</i> , 1991, 51, 549-556.	0.5	15
54	Chapter 64 Striatal adrenal medulla/sural nerve cografts in hemiparkinsonian monkeys. <i>Progress in Brain Research</i> , 1990, 82, 573-580.	0.9	62

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55	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
56	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
57	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
58	Immunohistochemistry of Human Malignant Astrocytoma Cells Xenografted to Rat Brain: Apolipoprotein E. <i>Neurosurgery</i> , 1989, 24, 541-546.	0.6	33
59	Tyrosine hydroxylase-immunoreactive somata within the primate subfornical organ: species specificity. <i>Brain Research</i> , 1988, 461, 221-229.	1.1	16
60	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
61	Adrenal medullary autografts into the basal ganglia of Cebus monkeys: Injury-induced regeneration. <i>Experimental Neurology</i> , 1988, 102, 76-91.	2.0	194
62	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
63	Adrenal Medullary Tissue Grafting in Parkinson's Disease. <i>Journal of Neurosurgery</i> , 1988, 69, 150-2.	0.9	2
64	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
65	Chapter 60 Delayed stereotactic transplantation technique in non-human primates. <i>Progress in Brain Research</i> , 1988, 78, 463-471.	0.9	18
66	Recurrent intramedullary enterogenous cyst of the cervical spinal cord. <i>Child's Nervous System</i> , 1988, 4, 47-49.	0.6	47
67	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
68	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
69	Vertebrobasilar arterial occlusive disease: Medical and surgical management. <i>World Neurosurgery</i> , 1985, 23, 207-208.	1.3	0