Marina E Emborg

List of Publications by Year
in descending order

79	4,140	186265 28	114465 63
papers	citations	h-index	g-index

82	82	82	4426
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modeling genetic diseases in nonhuman primates through embryonic and germline modification: Considerations and challenges. Science Translational Medicine, 2022, 14, eabf4879.	12.4	7
2	Alpha-synuclein and tau are abundantly expressed in the ENS of the human appendix and monkey cecum. PLoS ONE, 2022, 17, e0269190.	2.5	2
3	Autologous transplant therapy alleviates motor and depressive behaviors in parkinsonian monkeys. Nature Medicine, 2021, 27, 632-639.	30.7	70
4	The NIH Somatic Cell Genome Editing program. Nature, 2021, 592, 195-204.	27.8	84
5	Myelin Basic Protein and Cardiac Sympathetic Neurodegeneration in Nonhuman Primates. Neurology Research International, 2021, 2021, 1-13.	1.3	1
6	Acute Exposure to the Food-Borne Pathogen Listeria monocytogenes Does Not Induce Î±-Synuclein Pathology in the Colonic ENS of Nonhuman Primates. Journal of Inflammation Research, 2021, Volume 14, 7265-7279.	3.5	2
7	Spatiotemporal quantification of gait in common marmosets. Journal of Neuroscience Methods, 2020, 330, 108517.	2.5	3
8	Post mortem evaluation of inflammation, oxidative stress, and PPARÎ³ activation in a nonhuman primate model of cardiac sympathetic neurodegeneration. PLoS ONE, 2020, 15, e0226999.	2.5	8
9	Effects of Cardiac Sympathetic Neurodegeneration and PPARÎ³ Activation on Rhesus Macaque Whole Blood miRNA and mRNA Expression Profiles. BioMed Research International, 2020, 2020, 1-13.	1.9	1
10	In Vitro CRISPR/Cas9-Directed Gene Editing to Model LRRK2 G2019S Parkinsonâ€™s Disease in Common Marmosets. Scientific Reports, 2020, 10, 3447.	3.3	34
11	[18F]FEPPA PET imaging for monitoring CD68-positive microglia/macrophage neuroinflammation in nonhuman primates. EJNMMI Research, 2020, 10, 93.	2.5	15
12	Title is missing!. , 2020, 15, e0226999.		0
13	Title is missing!. , 2020, 15, e0226999.		0
14	Title is missing!. , 2020, 15, e0226999.		0
15	Title is missing!. , 2020, 15, e0226999.		0
16	Title is missing!. , 2020, 15, e0226999.		0
17	Title is missing!. , 2020, 15, e0226999.		0
18	Identification of novel rhesus macaque microRNAs from naÃ¯ve whole blood. Molecular Biology Reports, 2019, 46, 5511-5516.	2.3	1

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19	Colonic inflammation affects myenteric alpha-synuclein in nonhuman primates . Journal of Inflammation Research, 2019, Volume 12, 113-126.	3.5	31
20	Î±-Synuclein Expression Is Preserved in Substantia Nigra GABAergic Fibers of Young and Aged Neurotoxin-Treated Rhesus Monkeys. Cell Transplantation, 2019, 28, 379-387.	2.5	5
21	Autonomic dysfunction in Parkinson disease and animal models. Clinical Autonomic Research, 2019, 29, 397-414.	2.5	32
22	In Vitro Modeling of Leucine-Rich Repeat Kinase 2 G2019S-Mediated Parkinson's Disease Pathology. Stem Cells and Development, 2018, 27, 960-967.	2.1	5
23	The role of nonhuman primate models in the development of cell-based therapies for Parkinsonâ€™s disease. Journal of Neural Transmission, 2018, 125, 365-384.	2.8	10
24	Vocalization development in common marmosets for neurodegenerative translational modeling. Neurological Research, 2018, 40, 303-311.	1.3	8
25	In vivo imaging of inflammation and oxidative stress in a nonhuman primate model of cardiac sympathetic neurodegeneration. Npj Parkinson's Disease, 2018, 4, 22.	5.3	11
26	Parkinsonâ€™s Disease in Humans and in Nonhuman Primate Aging and Neurotoxin Models. , 2018, , 617-639.		1
27	Genetic Models of Parkinsonâ€™s Disease and Their Study in Nonhuman Primates. , 2018, , 641-646.		0
28	Induced Pluripotent Stem Cell-Derived Dopaminergic Neurons from Adult Common Marmoset Fibroblasts. Stem Cells and Development, 2017, 26, 1225-1235.	2.1	30
29	Crossâ€speciescomparison of behavioral neurodevelopmental milestones in the common marmoset monkey and human child. Developmental Psychobiology, 2017, 59, 807-821.	1.6	16
30	Real-Time Intraoperative MRI Intracerebral Delivery of Induced Pluripotent Stem Cell-Derived Neurons. Cell Transplantation, 2017, 26, 613-624.	2.5	14
31	Nonhuman Primate Models of Neurodegenerative Disorders. ILAR Journal, 2017, 58, 190-201.	1.8	38
32	Neurotoxin-Induced Catecholaminergic Loss in the Colonic Myenteric Plexus of Rhesus Monkeys. , 2016, 06, .		11
33	Neurobehavioral development of common marmoset monkeys. Developmental Psychobiology, 2016, 58, 141-158.	1.6	52
34	Overexpressing Corticotropin-Releasing Factor in the Primate Amygdala Increases Anxious Temperament and Alters Its Neural Circuit. Biological Psychiatry, 2016, 80, 345-355.	1.3	61
35	Peripheral Biomarkers of Parkinsonâ€™s Disease Progression and Pioglitazone Effects. Journal of Parkinson's Disease, 2015, 5, 731-736.	2.8	25
36	The Relation between Catheter Occlusion and Backflow during Intraparenchymal Cerebral Infusions. Stereotactic and Functional Neurosurgery, 2015, 93, 102-109.	1.5	11

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37	Development of a novel postnatal neurobehavioral scale for evaluation of common marmoset monkeys. American Journal of Primatology, 2015, 77, 401-417.	1.7	14
38	Î±-Synuclein and nonhuman primate models of Parkinson's disease. Journal of Neuroscience Methods, 2015, 255, 38-51.	2.5	29
39	Cardiac Sympathetic Denervation in 6-OHDA-Treated Nonhuman Primates. PLoS ONE, 2014, 9, e104850.	2.5	41
40	Systemic administration of 6-OHDA to rhesus monkeys upregulates HLA-DR expression in brain microvasculature. Journal of Inflammation Research, 2014, 7, 139.	3.5	9
41	Expression of peroxisome proliferator-activated receptor-gamma in the substantia nigra of hemiparkinsonian nonhuman primates. Neurological Research, 2014, 36, 634-646.	1.3	25
42	Peripheral and cognitive signs: delineating the significance of impaired catecholamine metabolism in Parkinson's disease progression. Journal of Neurochemistry, 2014, 131, 129-133.	3.9	6
43	Titer and Product Affect the Distribution of Gene Expression after Intraputaminal Convection-Enhanced Delivery. Stereotactic and Functional Neurosurgery, 2014, 92, 182-194.	1.5	20
44	Modeling and imaging cardiac sympathetic neurodegeneration in Parkinson's disease. American Journal of Nuclear Medicine and Molecular Imaging, 2014, 4, 125-59.	1.0	15
45	Induced Pluripotent Stem Cell-Derived Neural Cells Survive and Mature in the Nonhuman Primate Brain. Cell Reports, 2013, 3, 646-650.	6.4	126
46	Pathways of Infusate Loss during Convection-Enhanced Delivery into the Putamen Nucleus. Stereotactic and Functional Neurosurgery, 2013, 91, 69-78.	1.5	35
47	Neuroprotective Properties of a Novel Non-Thiazoledinedione Partial PPAR-Î³Agonist against MPTP. PPAR Research, 2013, 2013, 1-16.	2.4	22
48	Intracerebral Transplantation of Differentiated Human Embryonic Stem Cells to Hemiparkinsonian Monkeys. Cell Transplantation, 2013, 22, 831-838.	2.5	37
49	Nonuniform Cardiac Denervation Observed by 11C-meta-Hydroxyephedrine PET in 6-OHDA-Treated Monkeys. PLoS ONE, 2012, 7, e35371.	2.5	22
50	A Monoclonal Antibody-GDNF Fusion Protein Is Not Neuroprotective and Is Associated with Proliferative Pancreatic Lesions in Parkinsonian Monkeys. PLoS ONE, 2012, 7, e39036.	2.5	59
51	Specification of Midbrain Dopamine Neurons from Primate Pluripotent Stem Cells. Stem Cells, 2012, 30, 1655-1663.	3.2	182
52	Intraoperative device targeting using real-time MRI. , 2011, , .		6
53	The PPAR-Î³ agonist pioglitazone modulates inflammation and induces neuroprotection in parkinsonian monkeys. Journal of Neuroinflammation, 2011, 8, 91.	7.2	164
54	Simulating convection-enhanced delivery in the putamen using probabilistic tractography. , 2011, 2011, 787-790.		1

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55	Intraoperative Intracerebral MRI-Guided Navigation for Accurate Targeting in Nonhuman Primates. Cell Transplantation, 2010, 19, 1587-1597.	2.5	30
56	Preclinical Assessment of Stem Cell Therapies for Neurological Diseases. ILAR Journal, 2010, 51, 24-41.	1.8	28
57	Evaluation of Hydrodynamic Limb Vein Injections in Nonhuman Primates. Human Gene Therapy, 2010, 21, 829-842.	2.7	35
58	Can we prevent parkinson's disease?. Frontiers in Bioscience - Landmark, 2009, Volume, 1642.	3.0	4
59	Cell-Based Therapies for Parkinson's Disease: Past, Present, and Future. Antioxidants and Redox Signaling, 2009, 11, 2189-2208.	5.4	31
60	Contributions of non-human primates to neuroscience research. Lancet, The, 2008, 371, 1126-1135.	13.7	183
61	GDNF-Secreting Human Neural Progenitor Cells Increase Tyrosine Hydroxylase and VMAT2 Expression in MPTP-Treated Cynomolgus Monkeys. Cell Transplantation, 2008, 17, 383-395.	2.5	67
62	GDNF-secreting human neural progenitor cells increase tyrosine hydroxylase and VMAT2 expression in MPTP-treated cynomolgus monkeys. Cell Transplantation, 2008, 17, 383-95.	2.5	41
63	Nonhuman Primate Models of Parkinson's Disease. ILAR Journal, 2007, 48, 339-355.	1.8	158
64	Differential Loss of Presynaptic Dopaminergic Markers in Parkinsonian Monkeys. Cell Transplantation, 2007, 16, 229-244.	2.5	22
65	Subthalamic Glutamic Acid Decarboxylase Gene Therapy: Changes in Motor Function and Cortical Metabolism. Journal of Cerebral Blood Flow and Metabolism, 2007, 27, 501-509.	4.3	120
66	Survival and early differentiation of human neural stem cells transplanted in a nonhuman primate model of stroke. Journal of Neurosurgery, 2006, 105, 96-102.	1.6	36
67	Nonhuman Primate Models for Testing Gene Therapy for Neurodegenerative Disorders. , 2006, , 109-119.		2
68	Cell transplantation for Parkinson's disease. Neurological Research, 2004, 26, 355-362.	1.3	23
69	Evaluation of animal models of Parkinson's disease for neuroprotective strategies. Journal of Neuroscience Methods, 2004, 139, 121-143.	2.5	134
70	Rest tremor in rhesus monkeys with MPTP-induced parkinsonism. Frontiers in Bioscience - Landmark, 2003, 8, a148-154.	3.0	12
71	Overlesioned hemiparkinsonian non human primate model correlation between clinical neurochemical and histochemical changes. Frontiers in Bioscience - Landmark, 2003, 8, a155-166.	3.0	46
72	The Immunophilin Ligand GPI-1046 Does Not Have Neuroregenerative Effects in MPTP-Treated Monkeys. Experimental Neurology, 2002, 178, 236-242.	4.1	17

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73	Technique for Bilateral Intracranial Implantation of Cells in Monkeys Using an Automated Delivery System. Cell Transplantation, 2000, 9, 595-607.	2.5	16
74	Delayed onset of progressive dystonia following subacute 3-nitropropionic acid treatment inCebus apella monkeys. Movement Disorders, 2000, 15, 524-530.	3.9	48
75	Neurodegeneration Prevented by Lentiviral Vector Delivery of GDNF in Primate Models of Parkinson's Disease. Science, 2000, 290, 767-773.	12.6	1,201
76	Delivery of therapeutic molecules into the CNS. Progress in Brain Research, 2000, 128, 323-332.	1.4	17
77	Lentiviral Gene Transfer to the Nonhuman Primate Brain. Experimental Neurology, 1999, 160, 1-16.	4.1	186
78	Age-related declines in nigral neuronal function correlate with motor impairments in rhesus monkeys. Journal of Comparative Neurology, 1998, 401, 253-265.	1.6	267
79	Long-Term MPTP-Treated Monkeys Are Resistant to GM1 Systemic Therapy. Molecular and Chemical Neuropathology, 1994, 21, 75-82.	1.0	13