Paul Sanberg

List of Publications by Year
in descending order

122 papers	4,594 citations	87888 38 h-index	118850 62 g-index
122 all docs	122 docs citations	122 times ranked	6029 citing authors

#	Article	IF	Citations
1	Detection of endothelial cell-associated human DNA reveals transplanted human bone marrow stem cell engraftment into CNS capillaries of ALS mice. Brain Research Bulletin, 2021, 170, 22-28.	3.0	5
2	A Retrospective Look at Recent COVID-19 Articles Published in Cell Transplantation: Research Leading to Further Understanding. Cell Transplantation, 2021, 30, 096368972110498.	2.5	0
3	ASNTR's Venture into a Hybrid Conference: Lessons Learned During the COVID-19 Pandemic. Cell Transplantation, 2021, 30, 9636897211053872.	2.5	0
4	ASNTRâ€™s Venture into a Hybrid Conference: Lessons Learned During the COVID-19 Pandemic. Cell Transplantation, 2021, 30, 096368972110538.	2.5	3
5	Empathy in stroke rats is modulated by social settings. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 1182-1192.	4.3	4
6	Cell-Free Extracellular Vesicles Derived from Human Bone Marrow Endothelial Progenitor Cells as Potential Therapeutics for Microvascular Endothelium Restoration in ALS. NeuroMolecular Medicine, 2020, 22, 503-516.	3.4	24
7	LncRNAs Stand as Potent Biomarkers and Therapeutic Targets for Stroke. Frontiers in Aging Neuroscience, 2020, 12, 594571.	3.4	26
8	Effects of nutraceutical intervention on serum proteins in aged rats. GeroScience, 2020, 42, 703-713.	4.6	3
9	Eye Opener in Stroke. Stroke, 2019, 50, 2197-2206.	2.0	25
10	Phenotypic characteristics of human bone marrow-derived endothelial progenitor cells in vitro support cell effectiveness for repair of the blood-spinal cord barrier in ALS. Brain Research, 2019, 1724, 146428.	2.2	21
11	Gutting the brain of inflammation: A key role of gut microbiome in human umbilical cord blood plasma therapy in Parkinson's disease model. Journal of Cellular and Molecular Medicine, 2019, 23, 5466-5474.	3.6	23
12	Retrospective Case Series of Traumatic Brain Injury and Post-Traumatic Stress Disorder Treated with Hyperbaric Oxygen Therapy. Cell Transplantation, 2019, 28, 885-892.	2.5	4
13	A Hallmark Clinical Study of Cord Blood Therapy in Adults with Ischemic Stroke. Cell Transplantation, 2019, 28, 1329-1332.	2.5	7
14	Immunomodulation with Human Umbilical Cord Blood Stem Cells Ameliorates Ischemic Brain Injury â€“ A Brain Transcriptome Profiling Analysis. Cell Transplantation, 2019, 28, 864-873.	2.5	20
15	A Novel Apolipoprotein E Antagonist Functionally Blocks Apolipoprotein E Interaction With N-terminal Amyloid Precursor Protein, Reduces Î²-Amyloid-Associated Pathology, and Improves Cognition. Biological Psychiatry, 2019, 86, 208-220.	1.3	29
16	Brazilian Jiu Jitsu Training for US Service Members and Veterans with Symptoms of PTSD. Military Medicine, 2019, 184, e626-e631.	0.8	4
17	A â€˜strokeâ€™ of genius: celebrating the 20-year anniversary of the Bernard Sanberg Memorial Award for Brain Repair. Regenerative Medicine, 2019, 14, 811-813.	1.7	3
18	May the force be with you: Transfer of healthy mitochondria from stem cells to stroke cells. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 367-370.	4.3	34

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19	Clinical Cell Therapy Guidelines for Neurorestoration (IANR/CANR 2017). Cell Transplantation, 2018, 27, 310-324.	2.5	40
20	Human Umbilical Cord Blood Serumâ€“derived Î±-Secretase. Cell Transplantation, 2018, 27, 438-455.	2.5	8
21	Plasma derived from human umbilical cord blood: Potential cellâ€•additive or cellâ€•substitute therapeutic for neurodegenerative diseases. Journal of Cellular and Molecular Medicine, 2018, 22, 6157-6166.	3.6	31
22	Suppressed acoustic startle response in traumatic brain injury masks post-traumatic stress disorder hyper-responsivity. NeuroReport, 2018, 29, 939-944.	1.2	6
23	Human Cord Blood Serum-Derived APP Î±-Secretase Cleavage Activity is Mediated by C1 Complement. Cell Transplantation, 2018, 27, 666-676.	2.5	3
24	Potential Role of Humoral IL-6 Cytokine in Mediating Pro-Inflammatory Endothelial Cell Response in Amyotrophic Lateral Sclerosis. International Journal of Molecular Sciences, 2018, 19, 423.	4.1	30
25	Reduction of microhemorrhages in the spinal cord of symptomatic ALS mice after intravenous human bone marrow stem cell transplantation accompanies repair of the blood-spinal cord barrier. Oncotarget, 2018, 9, 10621-10634.	1.8	23
26	Cord blood as a potential therapeutic for amyotrophic lateral sclerosis. Expert Opinion on Biological Therapy, 2017, 17, 837-851.	3.1	8
27	Updates on and Advances in Therapeutic Strategies for Traumatic Brain Injury. Cell Transplantation, 2017, 26, 1116-1117.	2.5	1
28	Increased Amyloid Precursor Protein and Tau Expression Manifests as Key Secondary Cell Death in Chronic Traumatic Brain Injury. Journal of Cellular Physiology, 2017, 232, 665-677.	4.1	46
29	Geoffrey Raisman, 1939-2017: â€œOpening a Scientific Door and Giving Hopeâ€• Cell Transplantation, 2017, 26, 733-734.	2.5	1
30	Hyperbaric oxygen therapy as a potential treatment for post-traumatic stress disorder associated with traumatic brain injury. Neuropsychiatric Disease and Treatment, 2016, Volume 12, 2689-2705.	2.2	22
31	Plasma Derived from Human Umbilical Cord Blood Modulates Mitogen-Induced Proliferation of Mononuclear Cells Isolated from the Peripheral Blood of ALS Patients. Cell Transplantation, 2016, 25, 963-971.	2.5	9
32	Breaking the Bloodâ€“Brain Barrier with Mannitol to Aid Stem Cell Therapeutics in the Chronic Stroke Brain. Cell Transplantation, 2016, 25, 1453-1460.	2.5	19
33	Biodistribution of Infused Human Umbilical Cord Blood Cells in Alzheimer's Disease-Like Murine Model. Cell Transplantation, 2016, 25, 195-199.	2.5	24
34	Autophagic down-regulation in motor neurons remarkably prolongs the survival of ALS mice. Neuropharmacology, 2016, 108, 152-160.	4.1	44
35	Potential new complication in drug therapy development for amyotrophic lateral sclerosis. Expert Review of Neurotherapeutics, 2016, 16, 1397-1405.	2.8	14
36	Amelioration of Ischemic Brain Injury in Rats with Human Umbilical Cord Blood Stem Cells: Mechanisms of Action. Cell Transplantation, 2016, 25, 1473-1488.	2.5	29

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37	Blood-Spinal Cord Barrier Alterations in Subacute and Chronic Stages of a Rat Model of Focal Cerebral Ischemia. Journal of Neuropathology and Experimental Neurology, 2016, 75, 673-688.	1.7	20
38	Bone Marrow-Derived Stem Cell Therapy for Metastatic Brain Cancers. Cell Transplantation, 2015, 24, 625-630.	2.5	12
39	Long-Term and Sustained Therapeutic Results of a Specific Promonocyte Cell Formulation in Refractory Angina: ReACT^{Â®} (Refractory Angina Cell Therapy) Clinical Update and Cost-Effective Analysis. Cell Transplantation, 2015, 24, 955-970.	2.5	9
40	G-CSF as an Adjunctive Therapy with Umbilical Cord Blood Cell Transplantation for Traumatic Brain Injury. Cell Transplantation, 2015, 24, 447-457.	2.5	16
41	Human Umbilical Cord Blood Cells Induce Neuroprotective Change in Gene Expression Profile in Neurons after Ischemia through Activation of Akt Pathway. Cell Transplantation, 2015, 24, 721-735.	2.5	19
42	Human Umbilical Cord Blood-Derived Monocytes Improve Cognitive Deficits and Reduce Amyloid-Î² Pathology in PSAPP Mice. Cell Transplantation, 2015, 24, 2237-2250.	2.5	26
43	Alphaâ€Synuclein as a Pathological Link Between Chronic Traumatic Brain Injury and Parkinson's Disease. Journal of Cellular Physiology, 2015, 230, 1024-1032.	4.1	127
44	Recent Patents in Cell Therapy for Amyotrophic Lateral Sclerosis. Recent Patents on Regenerative Medicine, 2015, 5, 10-19.	0.4	1
45	Enhancing endogenous stem cells in the newborn via delayed umbilical cord clamping. Neural Regeneration Research, 2015, 10, 1359.	3.0	26
46	Combination Therapy of Human Umbilical Cord Blood Cells and Granulocyte Colony Stimulating Factor Reduces Histopathological and Motor Impairments in an Experimental Model of Chronic Traumatic Brain Injury. PLoS ONE, 2014, 9, e90953.	2.5	94
47	Adult Stem Cell Transplantation: Is Gender a Factor in Stemness?. International Journal of Molecular Sciences, 2014, 15, 15225-15243.	4.1	23
48	Blood-CNS Barrier Impairment in ALS patients versus an animal model. Frontiers in Cellular Neuroscience, 2014, 8, 21.	3.7	114
49	Specific antibody binding to the APP672â€“699 region shifts APP processing from Î±- to Î²-cleavage. Cell Death and Disease, 2014, 5, e1374-e1374.	6.3	9
50	Luteolin Reduces Alzheimerâ€™s Disease Pathologies Induced by Traumatic Brain Injury. International Journal of Molecular Sciences, 2014, 15, 895-904.	4.1	117
51	Compromised bloodâ€“brain barrier competence in remote brain areas in ischemic stroke rats at the chronic stage. Journal of Comparative Neurology, 2014, 522, 3120-3137.	1.6	51
52	The innate and adaptive immunological aspects in neurodegenerative diseases. Journal of Neuroimmunology, 2014, 269, 1-8.	2.3	37
53	Rewarding academic innovation. Science, 2014, 346, 928-929.	12.6	2
54	Umbilical cord blood cell and granulocyte-colony stimulating factor: combination therapy for traumatic brain injury. Regenerative Medicine, 2014, 9, 409-412.	1.7	14

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55	Changing the academic culture: Valuing patents and commercialization toward tenure and career advancement. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6542-6547.	7.1	79
56	Plasma and brain pharmacokinetics of previously unexplored lithium salts. RSC Advances, 2014, 4, 12362-12365.	3.6	14
57	Human cord blood stem cell paracrine factors activate the survival protein kinase Akt and inhibit death protein kinases JNK and p38 in injured cardiomyocytes. Cytotherapy, 2014, 16, 1158-1168.	0.7	13
58	Monocytes are essential for the neuroprotective effect of human cord blood cells following middle cerebral artery occlusion in rat. Molecular and Cellular Neurosciences, 2014, 59, 76-84.	2.2	43
59	The potential of neural stem cell transplantation for the treatment of fetal alcohol spectrum disorder. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2014, 54, 149-156.	4.8	5
60	Mannitol-Enhanced Delivery of Stem Cells and Their Growth Factors across the Bloodâ€“Brain Barrier. Cell Transplantation, 2014, 23, 531-539.	2.5	72
61	Repeated Administrations of Human Umbilical Cord Blood Cells Improve Disease Outcomes in a Mouse Model of Sanfilippo Syndrome Type III B. Cell Transplantation, 2014, 23, 1613-1630.	2.5	15
62	GFAP expression and social deficits in transgenic mice overexpressing human sAPPÎ±. Glia, 2013, 61, 1556-1569.	4.9	28
63	Human Umbilical Cord Blood Mononuclear Cell-Conditioned Media Inhibits Hypoxic-Induced Apoptosis in Human Coronary Artery Endothelial Cells and Cardiac Myocytes by Activation of the Survival Protein Akt. Cell Transplantation, 2013, 22, 1637-1650.	2.5	24
64	Long-Term Upregulation of Inflammation and Suppression of Cell Proliferation in the Brain of Adult Rats Exposed to Traumatic Brain Injury Using the Controlled Cortical Impact Model. PLoS ONE, 2013, 8, e53376.	2.5	159
65	Blood-Brain Barrier Alterations Provide Evidence of Subacute Diaschisis in an Ischemic Stroke Rat Model. PLoS ONE, 2013, 8, e63553.	2.5	53
66	Epidemiological Survey-Based Formulae to Approximate Incidence and Prevalence of Neurological Disorders in the United States: a Meta-Analysis. PLoS ONE, 2013, 8, e78490.	2.5	39
67	Influence of Post-Traumatic Stress Disorder on Neuroinflammation and Cell Proliferation in a Rat Model of Traumatic Brain Injury. PLoS ONE, 2013, 8, e81585.	2.5	48
68	Neurological disorders and the potential role for stem cells as a therapy. British Medical Bulletin, 2012, 101, 163-181.	6.9	38
69	Optimized Turmeric Extract Reduces ?-Amyloid and Phosphorylated Tau Protein Burden in Alzheimer's Transgenic Mice. Current Alzheimer Research, 2012, 9, 500-506.	1.4	55
70	Permeating the Blood Brain Barrier and Abrogating the Inflammation in Stroke: Implications for Stroke Therapy. Current Pharmaceutical Design, 2012, 18, 3670-3676.	1.9	61
71	Menstrual blood transplantation for ischemic stroke: Therapeutic mechanisms and practical issues. Interventional Medicine & Applied Science, 2012, 4, 59-68.	0.2	12
72	Human umbilical cord blood mononuclear cells activate the survival protein Akt in cardiac myocytes and endothelial cells that limits apoptosis and necrosis during hypoxia. Translational Research, 2012, 159, 497-506.	5.0	21

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73	Immunological Aspects in Amyotrophic Lateral Sclerosis. Translational Stroke Research, 2012, 3, 331-340.	4.2	15
74	Human Umbilical Cord Blood Cells Alter Blood and Spleen Cell Populations After Stroke. Translational Stroke Research, 2012, 3, 491-499.	4.2	23
75	Impaired bloodâ€“brain/spinal cord barrier in ALS patients. Brain Research, 2012, 1469, 114-128.	2.2	183
76	Neurovascular Aspects of Amyotrophic Lateral Sclerosis. International Review of Neurobiology, 2012, 102, 91-106.	2.0	33
77	Translating laboratory discovery to the clinic: From nicotine and mecamylamine to Tourette's, depression, and beyond. Physiology and Behavior, 2012, 107, 801-808.	2.1	13
78	Advantages and challenges of alternative sources of adult-derived stem cells for brain repair in stroke. Progress in Brain Research, 2012, 201, 99-117.	1.4	29
79	Recent progress in cell therapy for basal ganglia disorders with emphasis on menstrual blood transplantation in stroke. Neuroscience and Biobehavioral Reviews, 2012, 36, 177-190.	6.1	37
80	Multiple Intravenous Administrations of Human Umbilical Cord Blood Cells Benefit in a Mouse Model of ALS. PLoS ONE, 2012, 7, e31254.	2.5	53
81	Recent Studies Assessing the Proliferative Capability of a Novel Adult Stem Cell Identified in Menstrual Blood. Open Stem Cell Journal, 2011, 3, 4-10.	2.0	80
82	A Showcase of Bench-to-Bedside Regenerative Medicine at the 2010 ASNTR. Scientific World Journal, The, 2011, 11, 1842-1864.	2.1	1
83	Article Commentary: Technology and Innovation: 2010 a Year in Review. Cell Transplantation, 2011, 20, 1315-1318.	2.5	0
84	The Treatment of Neurodegenerative Disorders Using Umbilical Cord Blood and Menstrual Blood-Derived Stem Cells. Cell Transplantation, 2011, 20, 85-94.	2.5	65
85	Amyotrophic lateral sclerosis: A neurovascular disease. Brain Research, 2011, 1398, 113-125.	2.2	103
86	Blood-Brain Barrier Impairment in an Animal Model of MPS III B. PLoS ONE, 2011, 6, e16601.	2.5	28
87	Monocyte transplantation for neural and cardiovascular ischemia repair. Journal of Cellular and Molecular Medicine, 2010, 14, 553-563.	3.6	44
88	Stem Cell Research in Cell Transplantation: Sources, Geopolitical Influence, and Transplantation. Cell Transplantation, 2010, 19, 1493-1509.	2.5	17
89	The Effect of Human Umbilical Cord Blood Cells on Survival and Cytokine Production by Post-Ischemic Astrocytes in Vitro. Stem Cell Reviews and Reports, 2010, 6, 523-531.	5.6	10
90	Mannitol facilitates neurotrophic factor upâ€regulation and behavioural recovery in neonatal hypoxicâ€ischaemic rats with human umbilical cord blood grafts. Journal of Cellular and Molecular Medicine, 2010, 14, 914-921.	3.6	133

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91	Mankindâ€™s first natural stem cell transplant. Journal of Cellular and Molecular Medicine, 2010, 14, 488-495.	3.6	34
92	Regenerative Medicine for Neurological Disorders. Scientific World Journal, The, 2010, 10, 470-489.	2.1	27
93	Reduction of Circulating Endothelial Cells in Peripheral Blood of ALS Patients. PLoS ONE, 2010, 5, e10614.	2.5	32
94	Human umbilical cord blood mononuclear cells decrease fibrosis and increase cardiac function in cardiomyopathy. Regenerative Medicine, 2010, 5, 45-54.	1.7	13
95	Spirulina Promotes Stem Cell Genesis and Protects against LPS Induced Declines in Neural Stem Cell Proliferation. PLoS ONE, 2010, 5, e10496.	2.5	52
96	Neural transplants in patients with Huntington's disease undergo disease-like neuronal degeneration. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 12483-12488.	7.1	183
97	Optimized Turmeric Extracts have Potent Anti-Amyloidogenic Effects. Current Alzheimer Research, 2009, 6, 564-571.	1.4	55
98	Evaluation of humoral immune response in adaptive immunity in ALS patients during disease progression. Journal of Neuroimmunology, 2009, 215, 96-101.	2.3	27
99	Quantitative analyses of matrix metalloproteinase activity after traumatic brain injury in adult rats. Brain Research, 2009, 1280, 172-177.	2.2	64
100	Severity of controlled cortical impact traumatic brain injury in rats and mice dictates degree of behavioral deficits. Brain Research, 2009, 1287, 157-163.	2.2	126
101	Intravenous administration of human umbilical cord blood cells in an animal model of MPS III B. Journal of Comparative Neurology, 2009, 515, 93-101.	1.6	16
102	Celebrating neural repair. Journal of Comparative Neurology, 2009, 515, 1-3.	1.6	1
103	Methodological study investigating long term laser Doppler measured cerebral blood flow changes in a permanently occluded rat stroke model. Journal of Neuroscience Methods, 2009, 180, 52-56.	2.5	7
104	Refractory Angina Cell Therapy (ReACT) Involving Autologous Bone Marrow Cells in Patients without Left Ventricular Dysfunction: A Possible Role for Monocytes. Cell Transplantation, 2009, 18, 1299-1310.	2.5	20
105	STEPS toward the Right Direction. Cell Transplantation, 2009, 18, 689-689.	2.5	1
106	Human Umbilical Cord Blood Cell Grafts for Brain Ischemia. Cell Transplantation, 2009, 18, 985-998.	2.5	88
107	Effects of sertoli cell-conditioned medium on ventral midbrain neural stem cells: A preliminary report. Neurotoxicity Research, 2008, 13, 241-246.	2.7	13
108	Implications of blood-brain barrier disruption in ALS. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2008, 9, 375-376.	2.1	35

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109	Blueberry OpposesÎ²-Amyloid Peptide-Induced Microglial Activation Via Inhibition of p44/42 Mitogen-Activation Protein Kinase. Rejuvenation Research, 2008, 11, 891-901.	1.8	45
110	MIP-1α and MCP-1 Induce Migration of Human Umbilical Cord Blood Cells in Models of Stroke. Current Neurovascular Research, 2008, 5, 118-124.	1.1	59
111	Human Umbilical Cord Blood Treatment in a Mouse Model of ALS: Optimization of Cell Dose. PLoS ONE, 2008, 3, e2494.	2.5	90
112	Intraventricular Implant of Encapsulated CNTF-Secreting Fibroblasts Ameliorates Motor Deficits in Aged Rats. Current Aging Science, 2008, 1, 105-111.	1.2	5
113	Neural stem cells for Parkinson's disease: To protect and repair. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 11869-11870.	7.1	43
114	Trophic factor induction of human umbilical cord blood cellsin vitroandin vivo. Journal of Neural Engineering, 2007, 4, 130-145.	3.5	41
115	Human Cord Blood Cells and Myocardial Infarction: Effect of Dose and Route of Administration on Infarct Size. Cell Transplantation, 2007, 16, 907-917.	2.5	71
116	Long-term cultured human umbilical cord neural-like cells transplanted into the striatum of NOD SCID mice. Brain Research Bulletin, 2007, 74, 155-163.	3.0	31
117	A comparison of dopaminergic cells from the human NTera2/D1 cell line transplanted into the hemiparkinsonian rat. Life Sciences, 2007, 81, 441-448.	4.3	2
118	Ultrastructure of bloodâ€“brain barrier and bloodâ€“spinal cord barrier in SOD1 mice modeling ALS. Brain Research, 2007, 1157, 126-137.	2.2	195
119	The â€˜current state of playâ€™ in transplantation and restoration research of the CNS. Neurotoxicity Research, 2007, 11, 145-150.	2.7	2
120	Evidence of Compromised Blood-Spinal Cord Barrier in Early and Late Symptomatic SOD1 Mice Modeling ALS. PLoS ONE, 2007, 2, e1205.	2.5	197
121	Human Umbilical Cord Blood Progenitor Cells are Attracted to Infarcted Myocardium and Significantly Reduce Myocardial Infarction Size. Cell Transplantation, 2006, 15, 647-658.	2.5	62
122	Sangue de cordÃ£o umbilical para uso autÃ³logo ou grupo de pacientes especiais. Revista Brasileira De Hematologia E Hemoterapia, 0, 31, 36-44.	0.7	1