Lidia Cova

List of Publications by Year in descending order

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42 papers	4,455 citations	293460 24 h-index	340414 39 g-index
42 all docs	42 docs citations	42 times ranked	5269 citing authors

#	Article	IF	Citations
1	Exosome microRNAs in Amyotrophic Lateral Sclerosis: A Pilot Study. Biomolecules, 2021, 11, 1220.	1.8	8
2	Adiponectin levels in the serum and cerebrospinal fluid of amyotrophic lateral sclerosis patients: possible influence on neuroinflammation?. Journal of Neuroinflammation, 2017, 14, 85.	3.1	3
3	NMR Metabolomics for Stem Cell type discrimination. Scientific Reports, 2017, 7, 15808.	1.6	14
4	Phenotypic Modulation and Neuroprotective Effects of Olfactory Ensheathing Cells: a Promising Tool for Cell Therapy. Stem Cell Reviews and Reports, 2016, 12, 224-234.	5.6	20
5	Stem cell therapy: how to do it right. Frontiers in Cell and Developmental Biology, 2014, 2, 66.	1.8	2
6	Neurorescue effects and stem properties of chorionic villi and amniotic progenitor cells. Neuroscience, 2013, 234, 158-172.	1.1	28
7	Biocompatible fluorescent nanoparticles forin vivostem cell tracking. Nanotechnology, 2013, 24, 245603.	1.3	29
8	Labeling and Tracking of Human Mesenchymal Stem Cells Using Near-Infrared Technology. Methods in Molecular Biology, 2013, 1052, 13-28.	0.4	4
9	Vascular and parenchymal lesions along with enhanced neurogenesis characterize the brain of asymptomatic stroke-prone spontaneous hypertensive rats. Journal of Hypertension, 2013, 31, 1618-1628.	0.3	5
10	Dose Dependent Side Effect of Superparamagnetic Iron Oxide Nanoparticle Labeling on Cell Motility in Two Fetal Stem Cell Populations. PLoS ONE, 2013, 8, e78435.	1.1	33
11	A reliable indirect cell-labelling protocol for optical imaging allows ex vivo visualisation of mesenchymal stem cells after transplantation. Archives Italiennes De Biologie, 2013, 151, 114-25.	0.1	1
12	Noninvasive near-infrared live imaging of human adult mesenchymal stem cells transplanted in a rodent model of Parkinson’s disease. International Journal of Nanomedicine, 2012, 7, 435.	3.3	25
13	Neuroprotective effects of human mesenchymal stem cells on neural cultures exposed to 6-hydroxydopamine: implications for reparative therapy in Parkinsonâ€™s disease. Apoptosis: an International Journal on Programmed Cell Death, 2012, 17, 289-304.	2.2	28
14	Longitudinal Tracking of Human Fetal Cells Labeled with Super Paramagnetic Iron Oxide Nanoparticles in the Brain of Mice with Motor Neuron Disease. PLoS ONE, 2012, 7, e32326.	1.1	28
15	Intracerebroventricular Administration of Human Umbilical Cord Blood Cells Delays Disease Progression in Two Murine Models of Motor Neuron Degeneration. Rejuvenation Research, 2011, 14, 623-639.	0.9	44
16	Transplantation of Undifferentiated Human Mesenchymal Stem Cells Protects against 6-Hydroxydopamine Neurotoxicity in the Rat. Cell Transplantation, 2010, 19, 203-218.	1.2	136
17	Metalloproteinase alterations in the bone marrow of ALS patients. Journal of Molecular Medicine, 2010, 88, 553-564.	1.7	30
18	Multiple neurogenic and neurorescue effects of human mesenchymal stem cell after transplantation in an experimental model of Parkinson's disease. Brain Research, 2010, 1311, 12-27.	1.1	129

#	Article	IF	Citations
19	Amyotrophic lateral sclerosis: applications of stem cells – an update. Stem Cells and Cloning: Advances and Applications, 2010, 3, 145.	2.3	7
20	Stem Cells in Amyotrophic Lateral Sclerosis: Motor Neuron Protection or Replacement?. CNS and Neurological Disorders - Drug Targets, 2010, 9, 314-324.	0.8	21
21	Stem cell transplantation in Multiple Sclerosis: Safety and Ethics. Journal of the Neurological Sciences, 2008, 265, 116-121.	0.3	18
22	Molecular and phenotypical characterization of human amniotic fluid cells and their differentiation potential. Bio-Medical Materials and Engineering, 2008, 18, 183-185.	0.4	3
23	Induction of Neurotrophin Expression via Human Adult Mesenchymal Stem Cells: Implication for Cell Therapy in Neurodegenerative Diseases. Cell Transplantation, 2007, 16, 41-55.	1.2	97
24	Molecular and phenotypic characterization of human amniotic fluid cells and their differentiation potential. Cell Research, 2006, 16, 329-336.	5.7	175
25	A role for the ELAV RNA-binding proteins in neural stem cells: stabilization of Msi1 mRNA. Journal of Cell Science, 2006, 119, 1442-1452.	1.2	89
26	Neuro-glial differentiation of human bone marrow stem cells in vitro. Experimental Neurology, 2005, 193, 312-325.	2.0	190
27	Stem cells: From embryology to cellular therapy? An appraisal of the present state of art. Cytotechnology, 2004, 44, 125-141.	0.7	10
28	Stem Cell Therapy for Neurodegenerative Diseases: The Issue of Transdifferentiation. Stem Cells and Development, 2004, 13, 121-131.	1.1	27
29	Stem-cell therapy for amyotrophic lateral sclerosis. Lancet, The, 2004, 364, 200-202.	6.3	96
30	Preface. Cytotechnology, 2003, 41, 51-52.	0.7	0
31	Stem cell research: State of the art. Cytotechnology, 2003, 41, 53-57.	0.7	1
32	Stem cells in the treatment of amyotrophic lateral sclerosis (ALS). Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders: Official Publication of the World Federation of Neurology, Research Group on Motor Neuron Diseases, 2002, 3, 173-181.	1.4	16
33	Human neural stem cells express extra-neural markers. Brain Research, 2002, 925, 213-221.	1.1	31
34	The role of interleukin-6 (IL-6) in the proliferation and differentiation of human neural stem cells. Neuroscience Research Communications, 2001, 29, 1-14.	0.2	0
35	Human Vasculogenesis Ex Vivo: Embryonal Aorta as a Tool for Isolation of Endothelial Cell Progenitors. Laboratory Investigation, 2001, 81, 875-885.	1.7	85
36	Isolation and Characterization of Neural Stem Cells from the Adult Human Olfactory Bulb. Stem Cells, 2000, 18, 295-300.	1.4	196

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37	Isolation and Cloning of Multipotential Stem Cells from the Embryonic Human CNS and Establishment of Transplantable Human Neural Stem Cell Lines by Epigenetic Stimulation. Experimental Neurology, 1999, 156, 71-83.	2.0	510
38	Epidermal and Fibroblast Growth Factors Behave as Mitogenic Regulators for a Single Multipotent Stem Cell-Like Population from the Subventricular Region of the Adult Mouse Forebrain. Journal of Neuroscience, 1999, 19, 3287-3297.	1.7	493
39	Frataxin is Reduced in Friedreich Ataxia Patients and is Associated with Mitochondrial Membranes. Human Molecular Genetics, 1997, 6, 1771-1780.	1.4	724
40	Multipotential stem cells from the adult mouse brain proliferate and self-renew in response to basic fibroblast growth factor. Journal of Neuroscience, 1996, 16, 1091-1100.	1.7	955
41	Basic fibroblast growth factor supports the proliferation of epidermal growth factor-generated neuronal precursor cells of the adult mouse CNS. Neuroscience Letters, 1995, 185, 151-154.	1.0	143
42	1980-2011: Parkinson's Disease and Advance in Stem Cell Research. , 0, , .		1