

Biancamaria Longoni

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

931
citations

623734

14
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

1376
citing authors

#	ARTICLE	IF	CITATIONS
1	Cigarette smoke extract induces oxidative stress and apoptosis in human lung fibroblasts. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2003, 284, L955-L963.	2.9	230
2	Melatonin as an antioxidant in retinal photoreceptors. <i>Journal of Pineal Research</i> , 1999, 26, 184-189.	7.4	84
3	Effects of melatonin on lipid peroxidation induced by oxygen radicals. <i>Life Sciences</i> , 1998, 62, 853-859.	4.3	79
4	Properties and functional roles of hyperpolarization-activated currents in guinea-pig retinal rods. <i>Journal of Physiology</i> , 1999, 515, 813-828.	2.9	79
5	Mesenchymal Stem Cells Prevent Acute Rejection and Prolong Graft Function in Pancreatic Islet Transplantation. <i>Diabetes Technology and Therapeutics</i> , 2010, 12, 435-446.	4.4	64
6	Apoptosis and adaptive responses to oxidative stress in human endothelial cells exposed to cyclosporin A correlate with BCL-2 expression levels. <i>FASEB Journal</i> , 2001, 15, 731-740.	0.5	56
7	Functional characterisation and subcellular localisation of HCN1 channels in rabbit retinal rod photoreceptors. <i>Journal of Physiology</i> , 2002, 542, 89-97.	2.9	56
8	Inhibition of Lipid Peroxidation by N-Acetylserotonin and Its Role in Retinal Physiology. <i>Biochemical and Biophysical Research Communications</i> , 1997, 233, 778-780.	2.1	44
9	New N-n-Propyl-Substituted 3-Aryl- and 3-Cyclohexylpiperidines as Partial Agonists at the D4 Dopamine Receptor. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 161-168.	6.4	36
10	<i>In vivo</i> visualization of transplanted pancreatic islets by MRI: comparison between <i>in vivo</i> , histological and electron microscopy findings. <i>Contrast Media and Molecular Imaging</i> , 2009, 4, 135-142.	0.8	32
11	Magnetic carbon nanotubes: a new tool for shepherding mesenchymal stem cells by magnetic fields. <i>Nanomedicine</i> , 2011, 6, 43-54.	3.3	32
12	Co-Transplantation of Endothelial Progenitor Cells and Pancreatic Islets to Induce Long-Lasting Normoglycemia in Streptozotocin-Treated Diabetic Rats. <i>PLoS ONE</i> , 2014, 9, e94783.	2.5	30
13	Melatonin Prevents Cyclosporine-induced Nephrotoxicity in Isolated and Perfused Rat Kidney. <i>Free Radical Research</i> , 2002, 36, 357-363.	3.3	29
14	Neurotoxic and Neuroprotective Role of Exosomes in Parkinson's Disease. <i>Current Pharmaceutical Design</i> , 2020, 25, 4510-4522.	1.9	17
15	A New Threat to Dopamine Neurons: The Downside of Artificial Light. <i>Neuroscience</i> , 2020, 432, 216-228.	2.3	13
16	N-n-Propyl-Substituted 3-(Dimethylphenyl)piperidines Display Novel Discriminative Properties between Dopamine Receptor Subtypes: A Synthesis and Receptor Binding Studies. <i>Journal of Medicinal Chemistry</i> , 1998, 41, 4933-4938.	6.4	12
17	Regulation of Bcl-2 Protein Expression during Oxidative Stress in Neuronal and in Endothelial Cells. <i>Biochemical and Biophysical Research Communications</i> , 1999, 260, 522-526.	2.1	12
18	Synthesis and dopaminergic properties of the two enantiomers of 3-(3,4-dimethylphenyl)-1-propylpiperidine, a potent and selective dopamine D4 receptor ligand. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001, 11, 223-226.	2.2	8

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19	Dopamine agonists and analogues have an antiproliferative effect on CHO-K1 cells. <i>Neurotoxicity Research</i> , 1999, 1, 285-297.	2.7	7
20	Quantum dots labelling allows detection of the homing of mesenchymal stem cells administered as immunomodulatory therapy in an experimental model of pancreatic islets transplantation. <i>Journal of Anatomy</i> , 2017, 230, 381-388.	1.5	7
21	Stem Cell-Based Immunomodulation in Type 1 Diabetes: Beyond the Regenerative Approach. <i>Current Pharmaceutical Design</i> , 2011, 17, 3229-3242.	1.9	4