Luca Longhi

List of Publications by Year in descending order

37 papers	2,590 citations	279798 23 h-index	377865 34 g-index
39 all docs	39 docs citations	39 times ranked	2969 citing authors

#	Article	IF	Citations
1	Mild head injury increasing the brain's vulnerability to a second concussive impact. Journal of Neurosurgery, 2001, 95, 859-870.	1.6	278
2	Temporal Window of Vulnerability to Repetitive Experimental Concussive Brain Injury. Neurosurgery, 2005, 56, 364-374.	1.1	274
3	Motor and cognitive function evaluation following experimental traumatic brain injury. Neuroscience and Biobehavioral Reviews, 2004, 28, 365-378.	6.1	258
4	Vitamin E reduces amyloidosis and improves cognitive function in Tg2576 mice following repetitive concussive brain injury. Journal of Neurochemistry, 2004, 90, 758-764.	3.9	147
5	Human umbilical cord blood mesenchymal stem cells protect mice brain after trauma*. Critical Care Medicine, 2011, 39, 2501-2510.	0.9	130
6	Enhanced Neurofibrillary Tangle Formation, Cerebral Atrophy, and Cognitive Deficits Induced by Repetitive Mild Brain Injury in a Transgenic Tauopathy Mouse Model. Journal of Neurotrauma, 2005, 22, 1134-1141.	3.4	120
7	Intracranial Pressure After Subarachnoid Hemorrhage*. Critical Care Medicine, 2015, 43, 168-176.	0.9	117
8	C1-inhibitor attenuates neurobehavioral deficits and reduces contusion volume after controlled cortical impact brain injury in mice*. Critical Care Medicine, 2009, 37, 659-665.	0.9	116
9	NICEM consensus on neurological monitoring in acute neurological disease. Intensive Care Medicine, 2008, 34, 1362-1370.	8.2	115
10	Apolipoprotein E4 Influences Amyloid Deposition But Not Cell Loss after Traumatic Brain Injury in a Mouse Model of Alzheimer's Disease. Journal of Neuroscience, 2002, 22, 10083-10087.	3.6	108
11	Monitoring brain tissue oxygen tension in brain-injured patients reveals hypoxic episodes in normal-appearing and in peri-focal tissue. Intensive Care Medicine, 2007, 33, 2136-2142.	8.2	105
12	Time Course of Intracranial Hypertension after Traumatic Brain Injury. Journal of Neurotrauma, 2007, 24, 1339-1346.	3.4	95
13	Genetically Modified NT2N Human Neuronal Cells Mediate Long-Term Gene Expression as CNS Grafts In Vivo and Improve Functional Cognitive Outcome Following Experimental Traumatic Brain Injury. Journal of Neuropathology and Experimental Neurology, 2003, 62, 368-380.	1.7	84
14	Long-lasting protection in brain trauma by endotoxin preconditioning. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 1919-1929.	4.3	83
15	Ex VivoGene Therapy Using Targeted Engraftment of NGF-Expressing Human NT2N Neurons Attenuates Cognitive Deficits Following Traumatic Brain Injury in Mice. Journal of Neurotrauma, 2004, 21, 1723-1736.	3.4	82
16	Tumor Necrosis Factor in Traumatic Brain Injury: Effects of Genetic Deletion of p55 or p75 Receptor. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 1182-1189.	4.3	62
17	Changes of the GPR17 receptor, a new target for neurorepair, in neurons and glial cells in patients with traumatic brain injury. Purinergic Signalling, 2013, 9, 451-462.	2.2	54
18	Stem cell transplantation as a therapeutic strategy for traumatic brain injury. Transplant Immunology, 2005, 15, 143-148.	1.2	49

#	Article	IF	Citations
19	Mannose-Binding Lectin Is Expressed After Clinical and Experimental Traumatic Brain Injury and Its Deletion Is Protective*. Critical Care Medicine, 2014, 42, 1910-1918.	0.9	49
20	A Review and Rationale for the Use of Genetically Engineered Animals in the Study of Traumatic Brain Injury. Journal of Cerebral Blood Flow and Metabolism, 2001, 21, 1241-1258.	4.3	42
21	c-Jun N-Terminal Kinase Pathway Activation in Human and Experimental Cerebral Contusion. Journal of Neuropathology and Experimental Neurology, 2009, 68, 964-971.	1.7	38
22	Pharmacological inhibition of mannose-binding lectin ameliorates neurobehavioral dysfunction following experimental traumatic brain injury. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 938-950.	4.3	35
23	Brain Oxygen Tension, Oxygen Supply, and Oxygen Consumption During Arterial Hyperoxia in a Model of Progressive Cerebral Ischemia. Journal of Neurotrauma, 2001, 18, 163-174.	3.4	31
24	Cerebrospinal fluid pentraxin 3 early after subarachnoid hemorrhage is associated with vasospasm. Intensive Care Medicine, 2011, 37, 302-309.	8.2	25
25	Implementation of continuous qEEG in two neurointensive care units by intensivists: a feasibility study. Intensive Care Medicine, 2017, 43, 1067-1068.	8.2	24
26	Human brain trauma severity is associated with lectin complement pathway activation. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 794-807.	4.3	24
27	Hyperoxia in head injury. Current Opinion in Critical Care, 2004, 10, 105-109.	3.2	22
28	Neurodegeneration and neuroprotective strategies after traumatic brain injury. Drug Discovery Today Disease Mechanisms, 2005, 2, 409-418.	0.8	10
29	Moving from macro- to microcirculation in head injury*. Critical Care Medicine, 2004, 32, 1429-1430.	0.9	4
30	Cardiac Function Following Traumatic Brain Injury. Critical Care Medicine, 2017, 45, e1193-e1194.	0.9	2
31	Vitamin E reduces amyloidosis and improves cognitive function in Tg2576 mice following repetitive concussive brain injury. Journal of Neurochemistry, 2004, 90, 1541-1541.	3.9	1
32	The race for biomarkers in traumatic brain injury: What science promises and the clinicians still expect*. Critical Care Medicine, 2010, 38, 318-319.	0.9	1
33	Volatile Anesthetics Following Subarachnoid Hemorrhage. Critical Care Medicine, 2013, 41, e37.	0.9	1
34	Impact of traumatic lesions on intracerebral probe positioning. Intensive Care Medicine, 2008, 34, 1158-1159.	8.2	0
35	Multimodality monitoring. , 0, , 119-127.		0
36	Mannose-binding lectin deficiency reduces functional deficits and histological damage after experimental traumatic brain injury. Immunobiology, 2012, 217, 1185.	1.9	0

#	Article	IF	Citations
37	EEG reactivity predicts recovery of consciousness in patients with acute brain injury and signs of intracranial hypertension. Clinical Neurophysiology, 2019, 130, 1741-1742.	1.5	0