Elisabetta Mantuano

List of Publications by Year
in descending order

34 papers	1,285 citations	361413 20 h-index	395702 33 g-index
34 all docs	34 docs citations	34 times ranked	1750 citing authors

#	Article	IF	Citations
1	A Soluble PrPC Derivative and Membrane-Anchored PrPC in Extracellular Vesicles Attenuate Innate Immunity by Engaging the NMDA-R/LRP1 Receptor Complex. Journal of Immunology, 2022, 208, 85-96.	0.8	10
2	Cellular prion protein in human plasmaâ€"derived extracellular vesicles promotes neurite outgrowth via the NMDA receptorâ€"LRP1 receptor system. Journal of Biological Chemistry, 2022, 298, 101642.	3.4	3
3	A multimolecular signaling complex including PrPCand LRP1 is strictly dependent on lipid rafts and is essential for the function of tissue plasminogen activator. Journal of Neurochemistry, 2020, 152, 468-481.	3.9	24
4	A soluble derivative of PrPC activates cell-signaling and regulates cell physiology through LRP1 and the NMDA receptor. Journal of Biological Chemistry, 2020, 295, 14178-14188.	3.4	17
5	Tissue-type plasminogen activator selectively inhibits multiple toll-like receptors in CSF-1-differentiated macrophages. PLoS ONE, 2019, 14, e0224738.	2.5	12
6	Tissue-type plasminogen activator neutralizes LPS but not protease-activated receptor-mediated inflammatory responses to plasmin. Journal of Leukocyte Biology, 2019, 105, 729-740.	3.3	17
7	Fibrinolysis protease receptors promote activation of astrocytes to express pro-inflammatory cytokines. Journal of Neuroinflammation, 2019, 16, 257.	7.2	19
8	The Urokinase Receptor Induces a Mesenchymal Gene Expression Signature in Glioblastoma Cells and Promotes Tumor Cell Survival in Neurospheres. Scientific Reports, 2018, 8, 2982.	3.3	50
9	PAI1 blocks effects of tissue-type plasminogen activator on cell-signaling and physiology mediated by the NMDA receptor. Journal of Cell Science, 2018, 131, .	2.0	10
10	Ionotropic glutamate receptors activate cell signaling in response to glutamate in Schwann cells. FASEB Journal, 2017, 31, 1744-1755.	0.5	25
11	Tissue-type plasminogen activator regulates macrophage activation and innate immunity. Blood, 2017, 130, 1364-1374.	1.4	49
12	Expression of LDL receptor-related proteins (LRPs) in common solid malignancies correlates with patient survival. PLoS ONE, 2017, 12, e0186649.	2.5	36
13	The activities of LDL Receptor-related Protein-1 (LRP1) compartmentalize into distinct plasma membrane microdomains. Molecular and Cellular Neurosciences, 2016, 76, 42-51.	2.2	17
14	Evidence that LDL receptor-related protein 1 acts as an early injury detection receptor and activates c-Jun in Schwann cells. NeuroReport, 2016, 27, 1305-1311.	1.2	18
15	LDL receptor-related protein-1 regulates NFÎºB and microRNA-155 in macrophages to control the inflammatory response. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1369-1374.	7.1	106
16	The NMDA receptor functions independently and as an LRP1 co-receptor to promote Schwann cell survival and migration. Journal of Cell Science, 2015, 128, 3478-88.	2.0	43
17	Antihypertensive and neuroprotective effects of catestatin in spontaneously hypertensive rats: Interaction with GABAergic transmission in amygdala and brainstem. Neuroscience, 2014, 270, 48-57.	2.3	29
18	LDL receptor-related protein-1 is a sialic-acid-independent receptor for myelin-associated glycoprotein that functions in neurite outgrowth inhibition by MAG and CNS myelin. Journal of Cell Science, 2013, 126, 209-220.	2.0	58

#	Article	IF	Citations
19	Schwann Cell LRP1 Regulates Remak Bundle Ultrastructure and Axonal Interactions to Prevent Neuropathic Pain. Journal of Neuroscience, 2013, 33, 5590-5602.	3.6	62
20	LRP1 Assembles Unique Co-receptor Systems to Initiate Cell Signaling in Response to Tissue-type Plasminogen Activator and Myelin-associated Glycoprotein. Journal of Biological Chemistry, 2013, 288, 34009-34018.	3.4	76
21	Low-Density Lipoprotein Receptor Related protein-1 (LRP1)-Dependent Cell Signaling Promotes Neurotrophic Activity in Embryonic Sensory Neurons. PLoS ONE, 2013, 8, e75497.	2.5	15
22	Mammalian Target of Rapamycin Complex 2 (mTORC2) Is a Critical Determinant of Bladder Cancer Invasion. PLoS ONE, 2013, 8, e81081.	2.5	35
23	A New 4-phenyl-1,8-naphthyridine Derivative Affects Carcinoma Cell Proliferation by Impairing Cell Cycle Progression and Inducing Apoptosis. Anti-Cancer Agents in Medicinal Chemistry, 2012, 12, 653-662.	1.7	11
24	The Unfolded Protein Response Is a Major Mechanism by Which LRP1 Regulates Schwann Cell Survival after Injury. Journal of Neuroscience, 2011, 31, 13376-13385.	3.6	49
25	Erythropoietin promotes Schwann cell migration and assembly of the provisional extracellular matrix by recruiting Î²1 integrin to the cell surface. Glia, 2010, 58, 399-409.	4.9	22
26	Low Density Lipoprotein Receptor-related Protein (LRP1) Regulates Rac1 and RhoA Reciprocally to Control Schwann Cell Adhesion and Migration. Journal of Biological Chemistry, 2010, 285, 14259-14266.	3.4	68
27	Ligand Binding to LRP1 Transactivates Trk Receptors by a Src Family Kinaseâ€"Dependent Pathway. Science Signaling, 2009, 2, ra18.	3.6	113
28	Molecular Dissection of the Human Î±2-Macroglobulin Subunit Reveals Domains with Antagonistic Activities in Cell Signaling. Journal of Biological Chemistry, 2008, 283, 19904-19911.	3.4	45
29	The Hemopexin Domain of Matrix Metalloproteinase-9 Activates Cell Signaling and Promotes Migration of Schwann Cells by Binding to Low-Density Lipoprotein Receptor-Related Protein. Journal of Neuroscience, 2008, 28, 11571-11582.	3.6	155
30	17Î²-Estradiol and soy phytochemicals selectively induce a type 2 polarization in mesenteric lymph nodes of ovariectomized rats. Menopause, 2008, 15, 718-725.	2.0	8
31	Soy Phytochemicals Decrease Nonsmall Cell Lung Cancer Growth In Female Athymic Mice. Journal of Nutrition, 2008, 138, 1360-1364.	2.9	30
32	Effects of a phytoestrogen-containing soy extract on the growth-inhibitory activity of ICI 182 780 in an experimental model of estrogen-dependent breast cancer. Endocrine-Related Cancer, 2007, 14, 317-324.	3.1	6
33	Benzoyl and/or benzyl substituted 1,2,3-triazoles as potassium channel activators. VIII. European Journal of Medicinal Chemistry, 2005, 40, 521-528.	5.5	47
34	Benzoyl and/or Benzyl Substituted 1,2,3-Triazoles as Potassium Channel Activators. Part 8.. ChemInform, 2005, 36, no.	0.0	0