

Andrea Mazzatenta

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,657
citations

516710

16
h-index

302126

39
g-index

43
all docs

43
docs citations

43
times ranked

2821
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanomaterials for Neural Interfaces. <i>Advanced Materials</i> , 2009, 21, 3970-4004.	21.0	460
2	Interfacing Neurons with Carbon Nanotubes: Electrical Signal Transfer and Synaptic Stimulation in Cultured Brain Circuits. <i>Journal of Neuroscience</i> , 2007, 27, 6931-6936.	3.6	329
3	Bestrophin-2 is a candidate calcium-activated chloride channel involved in olfactory transduction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 12929-12934.	7.1	115
4	Asymmetries of the human social brain in the visual, auditory and chemical modalities. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 895-914.	4.0	97
5	Cathodal transcutaneous spinal direct current stimulation (tsDCS) improves motor unit recruitment in healthy subjects. <i>Neuroscience Letters</i> , 2014, 578, 75-79.	2.1	75
6	Volatile organic compounds (VOCs) fingerprint of Alzheimer's disease. <i>Respiratory Physiology and Neurobiology</i> , 2015, 209, 81-84.	1.6	72
7	Pathologies currently identified by exhaled biomarkers. <i>Respiratory Physiology and Neurobiology</i> , 2013, 187, 128-134.	1.6	54
8	Smell and Taste in Severe CoViD-19: Self-Reported vs. Testing. <i>Frontiers in Medicine</i> , 2020, 7, 589409.	2.6	53
9	The companion dog as a unique translational model for aging. <i>Seminars in Cell and Developmental Biology</i> , 2017, 70, 141-153.	5.0	42
10	Hyperpolarization-Activated Cyclic Nucleotide-Gated Channels in Mouse Vomeronasal Sensory Neurons. <i>Journal of Neurophysiology</i> , 2008, 100, 576-586.	1.8	33
11	Electrophysiological Properties and Modeling of Murine Vomeronasal Sensory Neurons in Acute Slice Preparations. <i>Chemical Senses</i> , 2006, 31, 425-435.	2.0	31
12	Effects of hyperoxic exposure on signal transduction pathways in the lung. <i>Respiratory Physiology and Neurobiology</i> , 2015, 209, 106-114.	1.6	28
13	Real time analysis of volatile organic compounds (VOCs) in centenarians. <i>Respiratory Physiology and Neurobiology</i> , 2015, 209, 47-51.	1.6	27
14	Non-invasive Assessment of Exhaled Breath Pattern in Patients with Multiple Chemical Sensibility Disorder. <i>Advances in Experimental Medicine and Biology</i> , 2013, 756, 179-188.	1.6	19
15	In the carotid body, galanin is a signal for neurogenesis in young, and for neurodegeneration in the old and in drug-addicted subjects. <i>Frontiers in Physiology</i> , 2014, 5, 427.	2.8	18
16	Real-Time Breath Analysis in Type 2 Diabetes Patients During Cognitive Effort. <i>Advances in Experimental Medicine and Biology</i> , 2013, 788, 247-253.	1.6	17
17	Olfactory phenotypic expression unveils human aging. <i>Oncotarget</i> , 2016, 7, 19193-19200.	1.8	16
18	Italian Expert Consensus on Clinical and Therapeutic Management of Multiple Chemical Sensitivity (MCS). <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11294.	2.6	15

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19	Transcranial Direct Current Stimulation and Cerebral Vasomotor Reserve: A Study in Healthy Subjects. <i>Journal of Neuroimaging</i> , 2015, 25, 571-574.	2.0	14
20	Olfactory Event-Related Potentials and Exhaled Organic Volatile Compounds: The Slow Link Between Olfactory Perception and Breath Metabolic Response. A Pilot Study on Phenylethyl Alcohol and Vaseline Oil. <i>Brain Sciences</i> , 2019, 9, 84.	2.3	14
21	Selective Expression of Galanin in Neuronal-Like Cells of the Human Carotid Body. <i>Advances in Experimental Medicine and Biology</i> , 2015, 860, 315-323.	1.6	13
22	A comparative morphometric analysis of the optic nerve in two cetacean species, the striped dolphin (<i>Stenella coeruleoalba</i>) and fin whale (<i>Balaenoptera physalus</i>). <i>Visual Neuroscience</i> , 2001, 18, 319-325.	1.0	12
23	The Potential Hedonic Role of Olfaction in Sexual Selection and its Dominance in Visual Cross-Modal Interactions. <i>Perception</i> , 2010, 39, 1322-1329.	1.2	11
24	Voltage-activated current properties of male and female mouse vomeronasal sensory neurons: sexually dichotomous?. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2004, 190, 491-499.	1.6	10
25	Male isolation: A behavioral representation of the pheromonal "female effect"™ in donkey (<i>Equus</i>) Tj ETQq1 1 0,784314 ggBT /Ov	2.1	9
26	Please Don't! The Automatic Extrapolation of Dangerous Intentions. <i>PLoS ONE</i> , 2012, 7, e49011.	2.5	8
27	Coexpression of Galanin and Nestin in the Chemoreceptor Cells of the Human Carotid Body. <i>Advances in Experimental Medicine and Biology</i> , 2015, 885, 77-82.	1.6	8
28	Behavior of Martina Franca donkey breed jenny-and-foal dyad in the neonatal period. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2019, 33, 81-89.	1.2	8
29	Volatile organic compounds (VOCs) in exhaled breath as a marker of hypoxia in multiple chemical sensitivity. <i>Physiological Reports</i> , 2021, 9, e15034.	1.7	8
30	Inhibition of Peripheral Dopamine Metabolism and the Ventilatory Response to Hypoxia in the Rat. <i>Advances in Experimental Medicine and Biology</i> , 2014, 837, 9-17.	1.6	6
31	Antioxidant treatment for impaired hypoxic ventilatory responses in experimental diabetes in the rat. <i>Respiratory Physiology and Neurobiology</i> , 2018, 255, 30-38.	1.6	6
32	Electrophysiological and olfactometric evaluation of long-term COVID-19. <i>Physiological Reports</i> , 2021, 9, e14992.	1.7	6
33	Cloning of an olfactory sensory neuron-specific protein in the land snail (<i>Eobania vermiculata</i>). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, S46-9.	2.6	4
34	Chemosensitiveness and Breath Physiology in Anosmia. <i>Advances in Experimental Medicine and Biology</i> , 2014, 837, 35-39.	1.6	4
35	Swelling of Erectile Nasal Tissue Induced by Human Sexual Pheromone. <i>Advances in Experimental Medicine and Biology</i> , 2015, 885, 25-30.	1.6	4
36	Tissue Dynamics of the Carotid Body Under Chronic Hypoxia: A Computational Study. <i>Advances in Experimental Medicine and Biology</i> , 2015, 860, 25-39.	1.6	4

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37	Maternal Phylogenetic Relationships and Genetic Variation among Rare, Phenotypically Similar Donkey Breeds. <i>Genes</i> , 2021, 12, 1109.	2.4	3
38	Perception of Social Odor and Gender-Related Differences Investigated Through the Use of Transfer Entropy and Embodied Medium. <i>Frontiers in Systems Neuroscience</i> , 2021, 15, 650528.	2.5	2
39	The secretory senescence of the senses of smell and taste. <i>Journal of Gerontology and Geriatrics</i> , 2020, 68, 91-98.	0.5	1
40	Olfactory Response to Altitude Hypoxia: A Pilot Study During a Himalayan Trek. <i>Advances in Experimental Medicine and Biology</i> , 2022, , .	1.6	0
41	Is Skull-Vibration-Induced Nystagmus Modified with Aging?. <i>Audiology Research</i> , 2022, 12, 132-142.	1.8	0