

Francesca Biagioni

List of Publications by Year in descending order

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Version: 2024-02-01

100
papers

3,331
citations

117625

34
h-index

168389

53
g-index

102
all docs

102
docs citations

102
times ranked

7097
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of norepinephrine in epilepsy: from the bench to the bedside. <i>Neuroscience and Biobehavioral Reviews</i> , 2004, 28, 507-524.	6.1	156
2	Induction of Dickkopf-1, a Negative Modulator of the Wnt Pathway, Is Required for the Development of Ischemic Neuronal Death. <i>Journal of Neuroscience</i> , 2005, 25, 2647-2657.	3.6	127
3	Endogenous Activation of mGlu5 Metabotropic Glutamate Receptors Contributes to the Development of Nigro-Striatal Damage Induced by 1-Methyl-4-Phenyl-1,2,3,6-Tetrahydropyridine in Mice. <i>Journal of Neuroscience</i> , 2004, 24, 828-835.	3.6	113
4	Pharmacological Activation of mGlu4 Metabotropic Glutamate Receptors Reduces Nigrostriatal Degeneration in Mice Treated with 1-Methyl-4-Phenyl-1,2,3,6-Tetrahydropyridine. <i>Journal of Neuroscience</i> , 2006, 26, 7222-7229.	3.6	108
5	Induction of the Wnt Antagonist, Dickkopf-1, Contributes to the Development of Neuronal Death in Models of Brain Focal Ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 264-276.	4.3	108
6	EGF Decreases the Abundance of MicroRNAs That Restrain Oncogenic Transcription Factors. <i>Science Signaling</i> , 2010, 3, ra43.	3.6	100
7	Induction of the Wnt Inhibitor, Dickkopf-1, Is Associated with Neurodegeneration Related to Temporal Lobe Epilepsy. <i>Epilepsia</i> , 2007, 48, 694-705.	5.1	91
8	Pentraxin 3 Induces Vascular Endothelial Dysfunction Through a P-selectin/Matrix Metalloproteinase-1 Pathway. <i>Circulation</i> , 2015, 131, 1495-1505.	1.6	89
9	miR-10b*, a master inhibitor of the cell cycle, is downregulated in human breast tumours. <i>EMBO Molecular Medicine</i> , 2012, 4, 1214-1229.	6.9	85
10	ccf-mtDNA as a Potential Link Between the Brain and Immune System in Neuro-Immunological Disorders. <i>Frontiers in Immunology</i> , 2019, 10, 1064.	4.8	83
11	mTOR-Dependent Cell Proliferation in the Brain. <i>BioMed Research International</i> , 2017, 2017, 1-14.	1.9	70
12	The inflammatory protein Pentraxin 3 in cardiovascular disease. <i>Immunity and Ageing</i> , 2016, 13, 25.	4.2	69
13	Rapamycin inhibits the growth of glioblastoma. <i>Brain Research</i> , 2013, 1495, 37-51.	2.2	68
14	Occurrence of neuronal inclusions combined with increased nigral expression of α -synuclein within dopaminergic neurons following treatment with amphetamine derivatives in mice. <i>Brain Research Bulletin</i> , 2005, 65, 405-413.	3.0	65
15	Transcriptional integration of mitogenic and mechanical signals by Myc and YAP. <i>Genes and Development</i> , 2017, 31, 2017-2022.	5.9	65
16	Epigenetic Effects Induced by Methamphetamine and Methamphetamine-Dependent Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-28.	4.0	63
17	Protective role of group-II metabotropic glutamate receptors against nigro-striatal degeneration induced by 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine in mice. <i>Neuropharmacology</i> , 2003, 45, 155-166.	4.1	60
18	EGF induces microRNAs that target suppressors of cell migration: miR-15b targets <i>MTSS1</i> in breast cancer. <i>Science Signaling</i> , 2015, 8, ra29.	3.6	57

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19	The Wnt Antagonist, Dickkopf-1, as a Target for the Treatment of Neurodegenerative Disorders. <i>Neurochemical Research</i> , 2008, 33, 2401-2406.	3.3	55
20	The Autophagy Status of Cancer Stem Cells in Glioblastoma Multiforme: From Cancer Promotion to Therapeutic Strategies. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3824.	4.1	52
21	The Effects of Amphetamine and Methamphetamine on the Release of Norepinephrine, Dopamine and Acetylcholine From the Brainstem Reticular Formation. <i>Frontiers in Neuroanatomy</i> , 2019, 13, 48.	1.7	52
22	Potential Antidepressant Effects of <i>Scutellaria baicalensis</i> , <i>Herichium erinaceus</i> and <i>Rhodiola rosea</i> . <i>Antioxidants</i> , 2020, 9, 234.	5.1	51
23	Cooperation Between MYC and β -Catenin in Liver Tumorigenesis Requires Yap/Taz. <i>Hepatology</i> , 2020, 72, 1430-1443.	7.3	51
24	The role of autophagy in epileptogenesis and in epilepsy-induced neuronal alterations. <i>Journal of Neural Transmission</i> , 2015, 122, 849-862.	2.8	50
25	Promiscuous Roles of Autophagy and Proteasome in Neurodegenerative Proteinopathies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3028.	4.1	50
26	Phytochemicals Bridging Autophagy Induction and Alpha-Synuclein Degradation in Parkinsonism. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3274.	4.1	48
27	Enhanced Tau Phosphorylation in the Hippocampus of Mice Treated with 3,4-Methylenedioxymethamphetamine (Ecstasy). <i>Journal of Neuroscience</i> , 2008, 28, 3234-3245.	3.6	45
28	mTOR Modulates Methamphetamine-Induced Toxicity through Cell Clearing Systems. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-22.	4.0	45
29	A Sentinel in the Crosstalk Between the Nervous and Immune System: The (Immuno)-Proteasome. <i>Frontiers in Immunology</i> , 2019, 10, 628.	4.8	45
30	Epilepsy and Alzheimer's Disease: Potential mechanisms for an association. <i>Brain Research Bulletin</i> , 2020, 160, 107-120.	3.0	45
31	Genetic or pharmacological blockade of noradrenaline synthesis enhances the neurochemical, behavioral, and neurotoxic effects of methamphetamine. <i>Journal of Neurochemistry</i> , 2008, 105, 471-483.	3.9	44
32	The Neuroanatomy of the Reticular Nucleus Locus Coeruleus in Alzheimer's Disease. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 80.	1.7	44
33	The Autophagoproteasome a Novel Cell Clearing Organelle in Baseline and Stimulated Conditions. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 78.	1.7	38
34	Interdependency Between Autophagy and Synaptic Vesicle Trafficking: Implications for Dopamine Release. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 299.	2.9	38
35	Compartment-dependent mitochondrial alterations in experimental ALS, the effects of mitophagy and mitochondriogenesis. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 434.	3.7	35
36	The role of Locus Coeruleus in neuroinflammation occurring in Alzheimer's disease. <i>Brain Research Bulletin</i> , 2019, 153, 47-58.	3.0	35

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37	TREM Receptors Connecting Bowel Inflammation to Neurodegenerative Disorders. <i>Cells</i> , 2019, 8, 1124.	4.1	35
38	New Insights into the Potential Roles of 3-Iodothyronamine (TIAM) and Newly Developed Thyronamine-Like TAAR1 Agonists in Neuroprotection. <i>Frontiers in Pharmacology</i> , 2017, 8, 905.	3.5	34
39	The Multi-Faceted Effect of Curcumin in Glioblastoma from Rescuing Cell Clearance to Autophagy-Independent Effects. <i>Molecules</i> , 2020, 25, 4839.	3.8	33
40	Locus Coeruleus Modulates Neuroinflammation in Parkinsonism and Dementia. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8630.	4.1	32
41	Activation of brain metabolism and fos during limbic seizures: The role of Locus Coeruleus. <i>Neurobiology of Disease</i> , 2008, 30, 388-399.	4.4	31
42	Ambiguous Effects of Autophagy Activation Following Hypoperfusion/Ischemia. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2756.	4.1	31
43	Molecular Mechanisms Linking ALS/FTD and Psychiatric Disorders, the Potential Effects of Lithium. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 450.	3.7	31
44	Cell Clearing Systems as Targets of Polyphenols in Viral Infections: Potential Implications for COVID-19 Pathogenesis. <i>Antioxidants</i> , 2020, 9, 1105.	5.1	31
45	Merging the Multi-Target Effects of Phytochemicals in Neurodegeneration: From Oxidative Stress to Protein Aggregation and Inflammation. <i>Antioxidants</i> , 2020, 9, 1022.	5.1	31
46	Methamphetamine persistently increases alpha-synuclein and suppresses gene promoter methylation within striatal neurons. <i>Brain Research</i> , 2019, 1719, 157-175.	2.2	28
47	Systematic Morphometry of Catecholamine Nuclei in the Brainstem. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 98.	1.7	26
48	The role of autophagy on the survival of dopamine neurons. <i>Current Topics in Medicinal Chemistry</i> , 2009, 9, 869-79.	2.1	26
49	Downregulation of microRNAs 145-3p and 145-5p Is a Long-term Predictor of Postmenopausal Breast Cancer Risk: The ORDET Prospective Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014, 23, 2471-2481.	2.5	24
50	Cell Clearing Systems Bridging Neuro-Immunity and Synaptic Plasticity. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2197.	4.1	24
51	Rapamycin promotes differentiation increasing β -III-tubulin, NeuN, and NeuroD while suppressing nestin expression in glioblastoma cells. <i>Oncotarget</i> , 2017, 8, 29574-29599.	1.8	24
52	Neuronal inclusions in degenerative disorders. <i>Brain Research Bulletin</i> , 2005, 65, 275-290.	3.0	23
53	Loss of spinal motor neurons and alteration of alpha-synuclein immunostaining in MPTP induced Parkinsonism in mice. <i>Journal of Chemical Neuroanatomy</i> , 2012, 44, 76-85.	2.1	23
54	Prion Protein in Glioblastoma Multiforme. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5107.	4.1	23

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55	mTOR-Related Cell-Clearing Systems in Epileptic Seizures, an Update. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1642.	4.1	23
56	The emerging role of m-TOR up-regulation in brain Astrocytoma. <i>Histology and Histopathology</i> , 2017, 32, 413-431.	0.7	23
57	Loud Noise Exposure Produces DNA, Neurotransmitter and Morphological Damage within Specific Brain Areas. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 49.	1.7	22
58	Rapamycin Ameliorates Defects in Mitochondrial Fission and Mitophagy in Glioblastoma Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5379.	4.1	22
59	The effects of proteasome on baseline and methamphetamine-dependent dopamine transmission. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 102, 308-317.	6.1	21
60	5-HT _{2C} serotonin receptor blockade prevents tau protein hyperphosphorylation and corrects the defect in hippocampal synaptic plasticity caused by a combination of environmental stressors in mice. <i>Pharmacological Research</i> , 2015, 99, 258-268.	7.1	18
61	Dissecting Molecular Features of Gliomas: Genetic Loci and Validated Biomarkers. <i>International Journal of Molecular Sciences</i> , 2020, 21, 685.	4.1	18
62	A Focus on the Beneficial Effects of Alpha Synuclein and a Re-Appraisal of Synucleinopathies. <i>Current Protein and Peptide Science</i> , 2018, 19, 598-611.	1.4	17
63	The Role of Cellular Prion Protein in Promoting Stemness and Differentiation in Cancer. <i>Cancers</i> , 2021, 13, 170.	3.7	16
64	Vacuolar Protein Sorting Genes in Parkinson's Disease: A Re-appraisal of Mutations Detection Rate and Neurobiology of Disease. <i>Frontiers in Neuroscience</i> , 2016, 10, 532.	2.8	15
65	Neuroprotective Effects of Curcumin in Methamphetamine-Induced Toxicity. <i>Molecules</i> , 2021, 26, 2493.	3.8	15
66	Autophagy as a gateway for the effects of methamphetamine: From neurotransmitter release and synaptic plasticity to psychiatric and neurodegenerative disorders. <i>Progress in Neurobiology</i> , 2021, 204, 102112.	5.7	15
67	Quantitative Ultrastructural Morphometry and Gene Expression of mTOR-Related Mitochondriogenesis within Glioblastoma Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4570.	4.1	14
68	Motor Neurons Pathology After Chronic Exposure to MPTP in Mice. <i>Neurotoxicity Research</i> , 2020, 37, 298-313.	2.7	13
69	mTOR Modulates Intercellular Signals for Enlargement and Infiltration in Glioblastoma Multiforme. <i>Cancers</i> , 2020, 12, 2486.	3.7	13
70	Intermittent Dopaminergic Stimulation causes Behavioral Sensitization in the Addicted Brain and Parkinsonism. <i>International Review of Neurobiology</i> , 2009, 88, 371-398.	2.0	12
71	Brain diseases and tumorigenesis: The good and bad cops of pentraxin3. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 69, 70-74.	2.8	11
72	In search for a gold-standard procedure to count motor neurons in the spinal cord. <i>Histology and Histopathology</i> , 2018, 33, 1021-1046.	0.7	11

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73	The Monoamine Brainstem Reticular Formation as a Paradigm for Re-Defining Various Phenotypes of Parkinson's Disease Owing Genetic and Anatomical Specificity. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 102.	3.7	9
74	Cell to Cell Spreading of Misfolded Proteins as a Therapeutic Target in Motor Neuron Disease. <i>Current Medicinal Chemistry</i> , 2014, 21, 3508-3534.	2.4	9
75	Degeneration of cholinergic basal forebrain nuclei after focally evoked status epilepticus. <i>Neurobiology of Disease</i> , 2019, 121, 76-94.	4.4	8
76	Cell-Clearing Systems Bridging Repeat Expansion Proteotoxicity and Neuromuscular Junction Alterations in ALS and SBMA. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4021.	4.1	7
77	Chronic MPTP in Mice Damage-specific Neuronal Phenotypes within Dorsal Laminae of the Spinal Cord. <i>Neurotoxicity Research</i> , 2021, 39, 156-169.	2.7	7
78	Norepinephrine Protects against Methamphetamine Toxicity through α_2 -Adrenergic Receptors Promoting LC3 Compartmentalization. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7232.	4.1	7
79	The neurobiology of dysautonomia in Parkinson's disease. <i>Archives Italiennes De Biologie</i> , 2013, 151, 203-18.	0.4	6
80	Plastic Changes in the Spinal Cord in Motor Neuron Disease. <i>BioMed Research International</i> , 2014, 2014, 1-14.	1.9	5
81	A Re-Appraisal of Pathogenic Mechanisms Bridging Wet and Dry Age-Related Macular Degeneration Leads to Reconsider a Role for Phytochemicals. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5563.	4.1	5
82	The Autophagy-Related Organelle Autophagosome Is Suppressed within Ischemic Penumbra. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10364.	4.1	5
83	Spreading of Alpha Synuclein from Glioblastoma Cells towards Astrocytes Correlates with Stem-like Properties. <i>Cancers</i> , 2022, 14, 1417.	3.7	5
84	In Pancreatic Adenocarcinoma Alpha-Synuclein Increases and Marks Peri-Neural Infiltration. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3775.	4.1	5
85	Motor neuron pathology and behavioral alterations at late stages in a SMA mouse model. <i>Brain Research</i> , 2012, 1442, 66-75.	2.2	4
86	Ultrastructural characterization of peripheral denervation in a mouse model of Type III spinal muscular atrophy. <i>Journal of Neural Transmission</i> , 2021, 128, 771-791.	2.8	4
87	Lactoferrin Protects against Methamphetamine Toxicity by Modulating Autophagy and Mitochondrial Status. <i>Nutrients</i> , 2021, 13, 3356.	4.1	4
88	Protective effects of long-term lithium administration in a slowly progressive SMA mouse model. <i>Archives Italiennes De Biologie</i> , 2018, 155, 253-274.	0.4	4
89	Occurrence of Total and Proteinase K-Resistant Alpha-Synuclein in Glioblastoma Cells Depends on mTOR Activity. <i>Cancers</i> , 2022, 14, 1382.	3.7	4
90	Dopamine Stimulation via Infusion in the Lateral Ventricle. <i>Annals of the New York Academy of Sciences</i> , 2006, 1074, 337-343.	3.8	3

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91	Neurons other than motor neurons in motor neuron disease. <i>Histology and Histopathology</i> , 2017, 32, 1115-1123.	0.7	3
92	Autophagy-Based Hypothesis on the Role of Brain Catecholamine Response During Stress. <i>Frontiers in Psychiatry</i> , 2020, 11, 569248.	2.6	2
93	An attempt to dissect a peripheral marker based on cell pathology in Parkinson's disease. <i>Journal of Neural Transmission</i> , 2021, 128, 1599-1610.	2.8	2
94	Stoichiometric Analysis of Shifting in Subcellular Compartmentalization of HSP70 within Ischemic Penumbra. <i>Molecules</i> , 2021, 26, 3578.	3.8	2
95	Inhibition of Autophagy In Vivo Extends Methamphetamine Toxicity to Mesencephalic Cell Bodies. <i>Pharmaceuticals</i> , 2021, 14, 1003.	3.8	2
96	Mitochondrial Serine Protease HTRA2 p.G399S in a Female with Di George Syndrome and Parkinson's Disease. <i>Parkinson's Disease</i> , 2018, 2018, 1-6.	1.1	2
97	Detailing the ultrastructure's increase of prion protein in pancreatic adenocarcinoma. <i>World Journal of Gastroenterology</i> , 2021, 27, 7324-7339.	3.3	2
98	The neurobiology of the spinal cord in experimental parkinsonism and Parkinson's disease. <i>Archives Italiennes De Biologie</i> , 2013, 151, 219-34.	0.4	2
99	Morphology, clearing efficacy, and mTOR dependency of the organelle autophagoproteasome. <i>European Journal of Histochemistry</i> , 2021, 65, .	1.5	1
100	Within the Ischemic Penumbra, Sub-Cellular Compartmentalization of Heat Shock Protein 70 Overlaps with Autophagy Proteins and Fails to Merge with Lysosomes. <i>Molecules</i> , 2022, 27, 3122.	3.8	1