Francesca Biagioni

List of Publications by Year
in descending order

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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	Spreading of Alpha Synuclein from Glioblastoma Cells towards Astrocytes Correlates with Stem-like Properties. Cancers, 2022, 14, 1417.	3.7	5
2	Occurrence of Total and Proteinase K-Resistant Alpha-Synuclein in Glioblastoma Cells Depends on mTOR Activity. Cancers, 2022, 14, 1382.	3.7	4
3	In Pancreatic Adenocarcinoma Alpha-Synuclein Increases and Marks Peri-Neural Infiltration. International Journal of Molecular Sciences, 2022, 23, 3775.	4.1	5
4	Within the Ischemic Penumbra, Sub-Cellular Compartmentalization of Heat Shock Protein 70 Overlaps with Autophagy Proteins and Fails to Merge with Lysosomes. Molecules, 2022, 27, 3122.	3.8	1
5	Chronic MPTP in Mice Damage-specific Neuronal Phenotypes within Dorsal Laminae of the Spinal Cord. Neurotoxicity Research, 2021, 39, 156-169.	2.7	7
6	Neuroprotective Effects of Curcumin in Methamphetamine-Induced Toxicity. Molecules, 2021, 26, 2493.	3.8	15
7	Rapamycin Ameliorates Defects in Mitochondrial Fission and Mitophagy in Glioblastoma Cells. International Journal of Molecular Sciences, 2021, 22, 5379.	4.1	22
8	Ultrastructural characterization of peripheral denervation in a mouse model of Type III spinal muscular atrophy. Journal of Neural Transmission, 2021, 128, 771-791.	2.8	4
9	An attempt to dissect a peripheral marker based on cell pathology in Parkinson's disease. Journal of Neural Transmission, 2021, 128, 1599-1610.	2.8	2
10	Stoichiometric Analysis of Shifting in Subcellular Compartmentalization of HSP70 within Ischemic Penumbra. Molecules, 2021, 26, 3578.	3.8	2
11	Morphology, clearing efficacy, and mTOR dependency of the organelle autophagoproteasome. European Journal of Histochemistry, 2021, 65, .	1.5	1
12	Norepinephrine Protects against Methamphetamine Toxicity through Î²2-Adrenergic Receptors Promoting LC3 Compartmentalization. International Journal of Molecular Sciences, 2021, 22, 7232.	4.1	7
13	Inhibition of Autophagy In Vivo Extends Methamphetamine Toxicity to Mesencephalic Cell Bodies. Pharmaceuticals, 2021, 14, 1003.	3.8	2
14	The Autophagy-Related Organelle Autophagoproteasome Is Suppressed within Ischemic Penumbra. International Journal of Molecular Sciences, 2021, 22, 10364.	4.1	5
15	Autophagy as a gateway for the effects of methamphetamine: From neurotransmitter release and synaptic plasticity to psychiatric and neurodegenerative disorders. Progress in Neurobiology, 2021, 204, 102112.	5.7	15
16	Lactoferrin Protects against Methamphetamine Toxicity by Modulating Autophagy and Mitochondrial Status. Nutrients, 2021, 13, 3356.	4.1	4
17	The Role of Cellular Prion Protein in Promoting Stemness and Differentiation in Cancer. Cancers, 2021, 13, 170.	3.7	16
18	Detailing the ultrastructureâ€™s increase of prion protein in pancreatic adenocarcinoma. World Journal of Gastroenterology, 2021, 27, 7324-7339.	3.3	2

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19	Motor Neurons Pathology After Chronic Exposure to MPTP in Mice. Neurotoxicity Research, 2020, 37, 298-313.	2.7	13
20	Locus Coeruleus Modulates Neuroinflammation in Parkinsonism and Dementia. International Journal of Molecular Sciences, 2020, 21, 8630.	4.1	32
21	Cell Clearing Systems as Targets of Polyphenols in Viral Infections: Potential Implications for COVID-19 Pathogenesis. Antioxidants, 2020, 9, 1105.	5.1	31
22	A Re-Appraisal of Pathogenic Mechanisms Bridging Wet and Dry Age-Related Macular Degeneration Leads to Reconsider a Role for Phytochemicals. International Journal of Molecular Sciences, 2020, 21, 5563.	4.1	5
23	Autophagy-Based Hypothesis on the Role of Brain Catecholamine Response During Stress. Frontiers in Psychiatry, 2020, 11, 569248.	2.6	2
24	Merging the Multi-Target Effects of Phytochemicals in Neurodegeneration: From Oxidative Stress to Protein Aggregation and Inflammation. Antioxidants, 2020, 9, 1022.	5.1	31
25	The Multi-Faceted Effect of Curcumin in Glioblastoma from Rescuing Cell Clearance to Autophagy-Independent Effects. Molecules, 2020, 25, 4839.	3.8	33
26	mTOR Modulates Intercellular Signals for Enlargement and Infiltration in Glioblastoma Multiforme. Cancers, 2020, 12, 2486.	3.7	13
27	Epilepsy and Alzheimerâ€™s Disease: Potential mechanisms for an association. Brain Research Bulletin, 2020, 160, 107-120.	3.0	45
28	Cell-Clearing Systems Bridging Repeat Expansion Proteotoxicity and Neuromuscular Junction Alterations in ALS and SBMA. International Journal of Molecular Sciences, 2020, 21, 4021.	4.1	7
29	Potential Antidepressant Effects of Scutellaria baicalensis, Hericium erinaceus and Rhodiola rosea. Antioxidants, 2020, 9, 234.	5.1	51
30	mTOR-Related Cell-Clearing Systems in Epileptic Seizures, an Update. International Journal of Molecular Sciences, 2020, 21, 1642.	4.1	23
31	Quantitative Ultrastructural Morphometry and Gene Expression of mTOR-Related Mitochondriogenesis within Glioblastoma Cells. International Journal of Molecular Sciences, 2020, 21, 4570.	4.1	14
32	Cooperation Between MYC and Î²â€Catenin in Liver Tumorigenesis Requires Yap/Taz. Hepatology, 2020, 72, 1430-1443.	7.3	51
33	Dissecting Molecular Features of Gliomas: Genetic Loci and Validated Biomarkers. International Journal of Molecular Sciences, 2020, 21, 685.	4.1	18
34	Promiscuous Roles of Autophagy and Proteasome in Neurodegenerative Proteinopathies. International Journal of Molecular Sciences, 2020, 21, 3028.	4.1	50
35	The Autophagy Status of Cancer Stem Cells in Gliobastoma Multiforme: From Cancer Promotion to Therapeutic Strategies. International Journal of Molecular Sciences, 2019, 20, 3824.	4.1	52
36	The role of Locus Coeruleus in neuroinflammation occurring in Alzheimerâ€™s disease. Brain Research Bulletin, 2019, 153, 47-58.	3.0	35

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37	Phytochemicals Bridging Autophagy Induction and Alpha-Synuclein Degradation in Parkinsonism. International Journal of Molecular Sciences, 2019, 20, 3274.	4.1	48
38	Prion Protein in Glioblastoma Multiforme. International Journal of Molecular Sciences, 2019, 20, 5107.	4.1	23
39	Molecular Mechanisms Linking ALS/FTD and Psychiatric Disorders, the Potential Effects of Lithium. Frontiers in Cellular Neuroscience, 2019, 13, 450.	3.7	31
40	TREM Receptors Connecting Bowel Inflammation to Neurodegenerative Disorders. Cells, 2019, 8, 1124.	4.1	35
41	Methamphetamine persistently increases alpha-synuclein and suppresses gene promoter methylation within striatal neurons. Brain Research, 2019, 1719, 157-175.	2.2	28
42	The Effects of Amphetamine and Methamphetamine on the Release of Norepinephrine, Dopamine and Acetylcholine From the Brainstem Reticular Formation. Frontiers in Neuroanatomy, 2019, 13, 48.	1.7	52
43	ccf-mtDNA as a Potential Link Between the Brain and Immune System in Neuro-Immunological Disorders. Frontiers in Immunology, 2019, 10, 1064.	4.8	83
44	The effects of proteasome on baseline and methamphetamine-dependent dopamine transmission. Neuroscience and Biobehavioral Reviews, 2019, 102, 308-317.	6.1	21
45	Cell Clearing Systems Bridging Neuro-Immunity and Synaptic Plasticity. International Journal of Molecular Sciences, 2019, 20, 2197.	4.1	24
46	A Sentinel in the Crosstalk Between the Nervous and Immune System: The (Immuno)-Proteasome. Frontiers in Immunology, 2019, 10, 628.	4.8	45
47	Degeneration of cholinergic basal forebrain nuclei after focally evoked status epilepticus. Neurobiology of Disease, 2019, 121, 76-94.	4.4	8
48	A Focus on the Beneficial Effects of Alpha Synuclein and a Re-Appraisal of Synucleinopathies. Current Protein and Peptide Science, 2018, 19, 598-611.	1.4	17
49	mTOR Modulates Methamphetamine-Induced Toxicity through Cell Clearing Systems. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-22.	4.0	45
50	Ambiguous Effects of Autophagy Activation Following Hypoperfusion/Ischemia. International Journal of Molecular Sciences, 2018, 19, 2756.	4.1	31
51	Interdependency Between Autophagy and Synaptic Vesicle Trafficking: Implications for Dopamine Release. Frontiers in Molecular Neuroscience, 2018, 11, 299.	2.9	38
52	Epigenetic Effects Induced by Methamphetamine and Methamphetamine-Dependent Oxidative Stress. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-28.	4.0	63
53	Mitochondrial Serine Protease HTRA2 p.G399S in a Female with Di George Syndrome and Parkinsonâ€™s Disease. Parkinson's Disease, 2018, 2018, 1-6.	1.1	2
54	Protective effects of long-term lithium administration in a slowly progressive SMA mouse model. Archives Italiennes De Biologie, 2018, 155, 253-274.	0.4	4

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55	In search for a gold-standard procedure to count motor neurons in the spinal cord. Histology and Histopathology, 2018, 33, 1021-1046.	0.7	11
56	Transcriptional integration of mitogenic and mechanical signals by Myc and YAP. Genes and Development, 2017, 31, 2017-2022.	5.9	65
57	New Insights into the Potential Roles of 3-Iodothyronamine (T1AM) and Newly Developed Thyronamine-Like TAAR1 Agonists in Neuroprotection. Frontiers in Pharmacology, 2017, 8, 905.	3.5	34
58	Loud Noise Exposure Produces DNA, Neurotransmitter and Morphological Damage within Specific Brain Areas. Frontiers in Neuroanatomy, 2017, 11, 49.	1.7	22
59	The Neuroanatomy of the Reticular Nucleus Locus Coeruleus in Alzheimerâ€™s Disease. Frontiers in Neuroanatomy, 2017, 11, 80.	1.7	44
60	Systematic Morphometry of Catecholamine Nuclei in the Brainstem. Frontiers in Neuroanatomy, 2017, 11, 98.	1.7	26
61	The Monoamine Brainstem Reticular Formation as a Paradigm for Re-Defining Various Phenotypes of Parkinsonâ€™s Disease Owing Genetic and Anatomical Specificity. Frontiers in Cellular Neuroscience, 2017, 11, 102.	3.7	9
62	mTOR-Dependent Cell Proliferation in the Brain. BioMed Research International, 2017, 2017, 1-14.	1.9	70
63	The emerging role of m-TOR up-regulation in brain Astrocytoma. Histology and Histopathology, 2017, 32, 413-431.	0.7	23
64	Neurons other than motor neurons in motor neuron disease. Histology and Histopathology, 2017, 32, 1115-1123.	0.7	3
65	Rapamycin promotes differentiation increasing Î²III-tubulin, NeuN, and NeuroD while suppressing nestin expression in glioblastoma cells. Oncotarget, 2017, 8, 29574-29599.	1.8	24
66	The Autophagoproteasome a Novel Cell Clearing Organelle in Baseline and Stimulated Conditions. Frontiers in Neuroanatomy, 2016, 10, 78.	1.7	38
67	Vacuolar Protein Sorting Genes in Parkinson's Disease: A Re-appraisal of Mutations Detection Rate and Neurobiology of Disease. Frontiers in Neuroscience, 2016, 10, 532.	2.8	15
68	The inflammatory protein Pentraxin 3 in cardiovascular disease. Immunity and Ageing, 2016, 13, 25.	4.2	69
69	Compartment-dependent mitochondrial alterations in experimental ALS, the effects of mitophagy and mitochondriogenesis. Frontiers in Cellular Neuroscience, 2015, 9, 434.	3.7	35
70	EGF induces microRNAs that target suppressors of cell migration: miR-15b targets MTSS1 in breast cancer. Science Signaling, 2015, 8, ra29.	3.6	57
71	The role of autophagy in epileptogenesis and in epilepsy-induced neuronal alterations. Journal of Neural Transmission, 2015, 122, 849-862.	2.8	50
72	Pentraxin 3 Induces Vascular Endothelial Dysfunction Through a P-selectin/Matrix Metalloproteinase-1 Pathway. Circulation, 2015, 131, 1495-1505.	1.6	89

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73	5-HT2C serotonin receptor blockade prevents tau protein hyperphosphorylation and corrects the defect in hippocampal synaptic plasticity caused by a combination of environmental stressors in mice. Pharmacological Research, 2015, 99, 258-268.	7.1	18
74	Brain diseases and tumorigenesis: The good and bad cops of pentraxin3. International Journal of Biochemistry and Cell Biology, 2015, 69, 70-74.	2.8	11
75	Plastic Changes in the Spinal Cord in Motor Neuron Disease. BioMed Research International, 2014, 2014, 1-14.	1.9	5
76	Downregulation of microRNAs 145-3p and 145-5p Is a Long-term Predictor of Postmenopausal Breast Cancer Risk: The ORDET Prospective Study. Cancer Epidemiology Biomarkers and Prevention, 2014, 23, 2471-2481.	2.5	24
77	Cell to Cell Spreading of Misfolded Proteins as a Therapeutic Target in Motor Neuron Disease. Current Medicinal Chemistry, 2014, 21, 3508-3534.	2.4	9
78	Rapamycin inhibits the growth of glioblastoma. Brain Research, 2013, 1495, 37-51.	2.2	68
79	The neurobiology of dysautonomia in Parkinson's disease. Archives Italiennes De Biologie, 2013, 151, 203-18.	0.4	6
80	The neurobiology of the spinal cord in experimental parkinsonism and Parkinson's disease. Archives Italiennes De Biologie, 2013, 151, 219-34.	0.4	2
81	miRâ€10b*, a master inhibitor of the cell cycle, is downâ€regulated in human breast tumours. EMBO Molecular Medicine, 2012, 4, 1214-1229.	6.9	85
82	Loss of spinal motor neurons and alteration of alpha-synuclein immunostaining in MPTP induced Parkinsonism in mice. Journal of Chemical Neuroanatomy, 2012, 44, 76-85.	2.1	23
83	Motor neuron pathology and behavioral alterations at late stages in a SMA mouse model. Brain Research, 2012, 1442, 66-75.	2.2	4
84	EGF Decreases the Abundance of MicroRNAs That Restrain Oncogenic Transcription Factors. Science Signaling, 2010, 3, ra43.	3.6	100
85	Induction of the Wnt Antagonist, Dickkopf-1, Contributes to the Development of Neuronal Death in Models of Brain Focal Ischemia. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 264-276.	4.3	108
86	Intermittent Dopaminergic Stimulation causes Behavioral Sensitization in the Addicted Brain and Parkinsonism. International Review of Neurobiology, 2009, 88, 371-398.	2.0	12
87	The role of autophagy on the survival of dopamine neurons. Current Topics in Medicinal Chemistry, 2009, 9, 869-79.	2.1	26
88	The Wnt Antagonist, Dickkopf-1, as a Target for the Treatment of Neurodegenerative Disorders. Neurochemical Research, 2008, 33, 2401-2406.	3.3	55
89	Genetic or pharmacological blockade of noradrenaline synthesis enhances the neurochemical, behavioral, and neurotoxic effects of methamphetamine. Journal of Neurochemistry, 2008, 105, 471-483.	3.9	44
90	Activation of brain metabolism and fos during limbic seizures: The role of Locus Coeruleus. Neurobiology of Disease, 2008, 30, 388-399.	4.4	31

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91	Enhanced Tau Phosphorylation in the Hippocampus of Mice Treated with 3,4-Methylenedioxymethamphetamine (â€œEcstasyâ€). Journal of Neuroscience, 2008, 28, 3234-3245.	3.6	45
92	Induction of the Wnt Inhibitor, Dickkopf-1, Is Associated with Neurodegeneration Related to Temporal Lobe Epilepsy. Epilepsia, 2007, 48, 694-705.	5.1	91
93	Pharmacological Activation of mGlu4 Metabotropic Glutamate Receptors Reduces Nigrostriatal Degeneration in Mice Treated with 1-Methyl-4-Phenyl-1,2,3,6-Tetrahydropyridine. Journal of Neuroscience, 2006, 26, 7222-7229.	3.6	108
94	Dopamine Stimulation via Infusion in the Lateral Ventricle. Annals of the New York Academy of Sciences, 2006, 1074, 337-343.	3.8	3
95	Induction of Dickkopf-1, a Negative Modulator of the Wnt Pathway, Is Required for the Development of Ischemic Neuronal Death. Journal of Neuroscience, 2005, 25, 2647-2657.	3.6	127
96	Neuronal inclusions in degenerative disorders. Brain Research Bulletin, 2005, 65, 275-290.	3.0	23
97	Occurrence of neuronal inclusions combined with increased nigral expression of Î±-synuclein within dopaminergic neurons following treatment with amphetamine derivatives in mice. Brain Research Bulletin, 2005, 65, 405-413.	3.0	65
98	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. Journal of Neuroscience, 2004, 24, 828-835.	3.6	113
99	The role of norepinephrine in epilepsy: from the bench to the bedside. Neuroscience and Biobehavioral Reviews, 2004, 28, 507-524.	6.1	156
100	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. Neuropharmacology, 2003, 45, 155-166.	4.1	60