

Susanna Genedani

List of Publications by Year in descending order

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99
papers

3,721
citations

136740

32
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138251

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101
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101
docs citations

101
times ranked

4276
citing authors

#	ARTICLE	IF	CITATIONS
1	Homocysteine and A2A-D2 Receptor-Receptor Interaction at Striatal Astrocyte Processes. Journal of Molecular Neuroscience, 2018, 65, 456-466.	1.1	27
2	A2A-D2 receptor-receptor interaction modulates gliotransmitter release from striatal astrocyte processes. Journal of Neurochemistry, 2017, 140, 268-279.	2.1	60
3	Acute isoproterenol induces anxiety-like behavior in rats and increases plasma content of extracellular vesicles. Physiology and Behavior, 2015, 142, 79-84.	1.0	9
4	On the role of the extracellular space on the holistic behavior of the brain. Reviews in the Neurosciences, 2015, 26, 489-506.	1.4	34
5	In Vitro Effects of Cocaine on Tunneling Nanotube Formation and Extracellular Vesicle Release in Glioblastoma Cell Cultures. Journal of Molecular Neuroscience, 2015, 55, 42-50.	1.1	32
6	Information handling by the brain: proposal of a new "paradigm" involving the roamer type of volume transmission and the tunneling nanotube type of wiring transmission. Journal of Neural Transmission, 2014, 121, 1431-1449.	1.4	22
7	Neural Damage Biomarkers during Open Carotid Surgery versus Endovascular Approach. Annals of Vascular Surgery, 2014, 28, 1671-1679.	0.4	1
8	Volume Transmission and the Russian-Doll Organization of Brain Cell Networks. , 2014, , 103-119.		5
9	"Neuro-Semeiotics" and "Free-Energy Minimization" Suggest a Unified Perspective for Integrative Brain Actions: Focus on Receptor Heteromers and Roamer Type of Volume Transmission. Current Protein and Peptide Science, 2014, 15, 703-718.	0.7	6
10	Neuropeptide S stimulates human monocyte chemotaxis via NPS receptor activation. Peptides, 2013, 39, 16-20.	1.2	19
11	A New Interpretative Paradigm for Conformational Protein Diseases. Current Protein and Peptide Science, 2013, 14, 141-160.	0.7	5
12	Neuronal correlates to consciousness. The "Hall of Mirrors" metaphor describing consciousness as an epiphenomenon of multiple dynamic mosaics of cortical functional modules. Brain Research, 2012, 1476, 3-21.	1.1	23
13	Aspects on the integrative actions of the brain from neural networks to "brain-body medicine". Journal of Receptor and Signal Transduction Research, 2012, 32, 163-180.	1.3	8
14	Microvesicle and tunneling nanotube mediated intercellular transfer of g-protein coupled receptors in cell cultures. Experimental Cell Research, 2012, 318, 603-613.	1.2	70
15	Bioinformatics and mathematical modelling in the study of receptor-receptor interactions and receptor oligomerization. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 1267-1283.	1.4	17
16	Putrescine reverses aconitine-induced arrhythmia in rats. Journal of Pharmacy and Pharmacology, 2011, 41, 651-653.	1.2	20
17	Possible new targets for GPCR modulation: allosteric interactions, plasma membrane domains, intercellular transfer and epigenetic mechanisms. Journal of Receptor and Signal Transduction Research, 2011, 31, 315-331.	1.3	20
18	Astrocytes and Glioblastoma cells release exosomes carrying mtDNA. Journal of Neural Transmission, 2010, 117, 1-4.	1.4	530

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19	Differential Sensitivity of A2A and Especially D2 Receptor Trafficking to Cocaine Compared with Lipid Rafts in Cotransfected CHO Cell Lines. Novel Actions of Cocaine Independent of the DA Transporter. <i>Journal of Molecular Neuroscience</i> , 2010, 41, 347-357.	1.1	23
20	Understanding wiring and volume transmission. <i>Brain Research Reviews</i> , 2010, 64, 137-159.	9.1	242
21	A New Hypothesis of Pathogenesis Based on the Divorce between Mitochondria and their Host Cells: Possible Relevance for Alzheimers Disease. <i>Current Alzheimer Research</i> , 2010, 7, 307-322.	0.7	32
22	β-Amyloid Fibrillation and/or Hyperhomocysteinemia Modify Striatal Patterns of Hyaluronic Acid and Dermatan Sulfate: Possible Role in the Pathogenesis of Alzheimers Disease. <i>Current Alzheimer Research</i> , 2010, 7, 150-157.	0.7	18
23	Receptorâ€“receptor interactions: A novel concept in brain integration. <i>Progress in Neurobiology</i> , 2010, 90, 157-175.	2.8	57
24	An integrated view on the role of receptor mosaics at perisynaptic level: focus on adenosine A_{2A}, dopamine D₂, cannabinoid CB₁, and metabotropic glutamate mGlu₅ receptors. <i>Journal of Receptor and Signal Transduction Research</i> , 2010, 30, 355-369.	1.3	30
25	Common key-signals in learning and neurodegeneration: focus on excito-amino acids, Î²-amyloid peptides and Î±-synuclein. <i>Journal of Neural Transmission</i> , 2009, 116, 953-974.	1.4	8
26	Theoretical Considerations on the Topological Organization of Receptor Mosaics. <i>Current Protein and Peptide Science</i> , 2009, 10, 559-569.	0.7	17
27	Structural plasticity in G-protein coupled receptors as demonstrated by the allosteric actions of homocysteine and computer-assisted analysis of disordered domains. <i>Brain Research Reviews</i> , 2008, 58, 459-474.	9.1	42
28	Understanding neuronal molecular networks builds on neuronal cellular network architecture. <i>Brain Research Reviews</i> , 2008, 58, 379-399.	9.1	36
29	Receptorâ€“receptor interactions within receptor mosaics. Impact on neuropsychopharmacology. <i>Brain Research Reviews</i> , 2008, 58, 415-452.	9.1	192
30	Opposite patterns of age-associated changes in neurons and glial cells of the thalamus of human brain. <i>Neurobiology of Aging</i> , 2008, 29, 926-936.	1.5	15
31	Influence of f-MLP, ACTH(1â€“24) and CRH on in vitro Chemotaxis of Monocytes from Centenarians. <i>NeuroImmunoModulation</i> , 2008, 15, 285-289.	0.9	18
32	Integrative Action of Receptor Mosaics: Relevance of Receptor Topology and Allosteric Modulators. <i>Journal of Receptor and Signal Transduction Research</i> , 2008, 28, 543-565.	1.3	7
33	The Nigro-Striatal DA Neurons and Mechanisms of Their Degeneration in Parkinsonâ€™s Disease. , 2008, , 121-144.		1
34	Hyper-Homocysteinemia Alters Amyloid Peptide-Clusterin Interactions and Neuroglial Network Morphology and Function in the Caudate After Intrastratial Injection of Amyloid Peptides. <i>Current Alzheimer Research</i> , 2007, 4, 305-313.	0.7	7
35	Role of Cooperativity in Protein Folding and Protein Mosaic Assemblage Relevance for Protein Conformational Diseases. <i>Current Protein and Peptide Science</i> , 2007, 8, 460-470.	0.7	17
36	Aripiprazole: Effectiveness and safety under naturalistic conditions.. <i>Experimental and Clinical Psychopharmacology</i> , 2007, 15, 569-575.	1.3	14

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37	Adenosine receptorâ€“dopamine receptor interactions in the basal ganglia and their relevance for brain function. <i>Physiology and Behavior</i> , 2007, 92, 210-217.	1.0	239
38	Possible Relevance of Receptor-Receptor Interactions between Viral- and Host-Coded Receptors for Viral-Induced Disease. <i>Scientific World Journal, The</i> , 2007, 7, 1073-1081.	0.8	1
39	Adenosine A_{2A} receptors, dopamine D₂ receptors and their interactions in Parkinson's disease. <i>Movement Disorders</i> , 2007, 22, 1990-2017.	2.2	145
40	From the Golgiâ€“Cajal mapping to the transmitter-based characterization of the neuronal networks leading to two modes of brain communication: Wiring and volume transmission. <i>Brain Research Reviews</i> , 2007, 55, 17-54.	9.1	205
41	One century of progress in neuroscience founded on Golgi and Cajal's outstanding experimental and theoretical contributions. <i>Brain Research Reviews</i> , 2007, 55, 167-189.	9.1	30
42	AÎ² peptides as one of the crucial volume transmission signals in the trophic units and their interactions with homocysteine. Physiological implications and relevance for Alzheimerâ€™s disease. <i>Journal of Neural Transmission</i> , 2007, 114, 21-31.	1.4	36
43	Intramembrane receptorâ€“receptor interactions: a novel principle in molecular medicine. <i>Journal of Neural Transmission</i> , 2007, 114, 49-75.	1.4	113
44	Allosteric Modulation of Dopamine D2Receptors by Homocysteine. <i>Journal of Proteome Research</i> , 2006, 5, 3077-3083.	1.8	53
45	Volume transmission and wiring transmission from cellular to molecular networks: history and perspectives. <i>Acta Physiologica</i> , 2006, 187, 329-344.	1.8	104
46	On the Existence of a Global Molecular Network Enmeshing the Whole Central Nervous System: Physiological and Pathological Implications. <i>Current Protein and Peptide Science</i> , 2006, 7, 3-15.	0.7	29
47	The Concept of Protein Mosaics: Physiological Role and Relevance for Prion Disease. <i>Current Proteomics</i> , 2006, 3, 171-179.	0.1	5
48	How Proteins Come Together in the Plasma Membrane and Function in Macromolecular Assemblies: Focus on Receptor Mosaics. <i>Journal of Molecular Neuroscience</i> , 2005, 26, 133-154.	1.1	28
49	Computer-Assisted Image Analysis of Caveolin-1 Involvement in the Internalization Process of Adenosine A_{2A} Dopamine D₂ Receptor Heterodimers. <i>Journal of Molecular Neuroscience</i> , 2005, 26, 177-184.	1.1	35
50	Existence and Theoretical Aspects of Homomeric and Heteromeric Dopamine Receptor Complexes and Their Relevance for Neurological Diseases. <i>NeuroMolecular Medicine</i> , 2005, 7, 061-078.	1.8	21
51	Studies on homocysteine plasma levels in Alzheimer's patients. Relevance for neurodegeneration. <i>Journal of Neural Transmission</i> , 2005, 112, 163-169.	1.4	44
52	Energy gradients for the homeostatic control of brain ECF composition and for VT signal migration: introduction of the tide hypothesis. <i>Journal of Neural Transmission</i> , 2005, 112, 45-63.	1.4	37
53	New Methods to Evaluate Colocalization of Fluorophores in Immunocytochemical Preparations as Exemplified by a Study on A2A and D2 Receptors in Chinese Hamster Ovary Cells. <i>Journal of Histochemistry and Cytochemistry</i> , 2005, 53, 941-953.	1.3	43
54	On the Nested Hierarchical Organization of CNS: Basic Characteristics of Neuronal Molecular Networks. <i>Lecture Notes in Computer Science</i> , 2004, , 24-54.	1.0	21

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55	Effect of late treatment with $\hat{1}^3$ -hydroxybutyrate on the histological and behavioral consequences of transient brain ischemia in the rat. <i>European Journal of Pharmacology</i> , 2004, 485, 183-191.	1.7	22
56	Studies on homocysteine and dehydroepiandrosterone sulphate plasma levels in alzheimerâ€™s disease patients and in Parkinsonâ€™s disease patients. <i>Neurotoxicity Research</i> , 2004, 6, 327-332.	1.3	39
57	Influence of mirtazapine on the sexual behavior of male rats. <i>Psychopharmacology</i> , 2004, 171, 250-258.	1.5	20
58	Effect of $\hat{1}^3$ -hydroxybutyrate in two rat models of focal cerebral damage. <i>Brain Research</i> , 2003, 986, 181-190.	1.1	52
59	Molecular characterization of a defensin in the IZD-MB-0503 cell line derived from immunocytes of the insect <i>Mamestra brassicae</i> (Lepidoptera). <i>Biology of the Cell</i> , 2003, 95, 53-57.	0.7	16
60	Atypical antipsychotics in the therapy of bipolar disorders: efficacy and safety. <i>Expert Review of Neurotherapeutics</i> , 2002, 2, 363-376.	1.4	1
61	Pharmacological manipulation of brain galaninergic system and sexual behavior in male mice. <i>Psychopharmacology</i> , 2002, 160, 325-330.	1.5	12
62	Effectiveness of clozapine and olanzapine: a comparison in severe, psychotically ill patients. <i>International Journal of Neuropsychopharmacology</i> , 2001, 4, 135-7.	1.0	2
63	Influence of SAME on the modifications of brain polyamine levels in an animal model of depression. <i>NeuroReport</i> , 2001, 12, 3939-3942.	0.6	43
64	Neuroprotective effect of $\hat{1}^3$ -hydroxybutyrate in transient global cerebral ischemia in the rat. <i>European Journal of Pharmacology</i> , 2000, 397, 75-84.	1.7	36
65	Immunomodulation by recombinant human interleukin-8 and its signal transduction pathways in invertebrate hemocytes. <i>Cellular and Molecular Life Sciences</i> , 2000, 57, 506-513.	2.4	49
66	Influence of S-adenosyl-L-methionine on chronic mild stress-induced anhedonia in castrated rats. <i>British Journal of Pharmacology</i> , 1999, 127, 645-654.	2.7	66
67	Influence of antineoplastic drugs on morphine analgesia and on morphine tolerance. <i>European Journal of Pharmacology</i> , 1999, 367, 13-17.	1.7	3
68	Blockade of the polyamine site of NMDA receptors produces antinociception and enhances the effect of morphine, in mice. <i>European Journal of Pharmacology</i> , 1996, 298, 51-55.	1.7	50
69	Cytokines and invertebrate immune responses. <i>Biology of the Cell</i> , 1995, 85, 87-91.	0.7	51
70	Cytokines and invertebrate immune responses. , 1995, 85, 87.		29
71	ACTH-(11-24) antagonizes ACTH-(1-24)-induced behavioral syndrome. <i>Neuropeptides</i> , 1994, 26, 241-244.	0.9	1
72	Differential modulation of invertebrate hemocyte motility by CRF, ACTH, and its fragments. <i>Peptides</i> , 1994, 15, 203-206.	1.2	48

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73	Influence of ifenprodil on the ACTH-induced behavioral syndrome in rats. <i>European Journal of Pharmacology</i> , 1994, 252, 77-80.	1.7	9
74	Influence of endorphins on the migration of molluscan hemocytes. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1994, 107, 79-81.	0.5	2
75	The locomotor activity of human monocytes is affected by neuropeptides of the stress response. <i>Pharmacological Research</i> , 1992, 25, 302-303.	3.1	0
76	Neuropeptides of the Stress Response and Monocyte Motility. <i>Annals of the New York Academy of Sciences</i> , 1992, 663, 494-496.	1.8	4
77	Influence of CRF and β -MSH on the migration of human monocytes in vitro. <i>Neuropeptides</i> , 1992, 23, 99-102.	0.9	29
78	Antidiuretic and nephrotoxic effects of putrescine in rats. <i>Pharmacological Research</i> , 1991, 23, 95-103.	3.1	7
79	Ischemia- and reperfusion-induced arrhythmias are prevented by putrescine. <i>European Journal of Pharmacology</i> , 1991, 194, 7-10.	1.7	13
80	ACTH(1-24) stimulates the migration of human monocytes in vitro. <i>Peptides</i> , 1990, 11, 1305-1307.	1.2	16
81	Putrescine has anti-arrhythmic effects in rat models of arrhythmia. <i>Pharmacological Research</i> , 1990, 22, 125-126.	3.1	4
82	ODC-polyamine system is involved in morphine analgesia. <i>Life Sciences</i> , 1989, 44, 525-531.	2.0	6
83	Effect of castration and testosterone in experimental models of depression in mice. <i>Behavioral Neuroscience</i> , 1989, 103, 1148-1150.	0.6	36
84	Study on the mechanism(s) of action of the shake-inducing effect of putrescine. <i>Pharmacological Research Communications</i> , 1988, 20, 176.	0.2	0
85	Treatment with polyamine synthesis inhibitors reduces the positive inotropic effect of ouabain, noradrenaline and calcium. <i>Pharmacological Research Communications</i> , 1988, 20, 23-35.	0.2	10
86	Acute alkalosis, but not acute hypocalcemia, increases panic behavior in an animal model. <i>Physiology and Behavior</i> , 1987, 41, 357-360.	1.0	6
87	Putrescine has hypothermic and antipyretic activity, in rats. <i>Life Sciences</i> , 1986, 38, 1293-1298.	2.0	4
88	Effects on long-term sensitivity to pain and morphine of stress induced in the newborn rat by pain or manipulation. <i>Physiology and Behavior</i> , 1986, 37, 827-831.	1.0	18
89	Behavioral activity and active avoidance learning and retention in rats neonatally exposed to painful stimuli. <i>Physiology and Behavior</i> , 1986, 36, 553-555.	1.0	14
90	Effect of polyamines on perfused rat heart contractility. <i>Pharmacological Research Communications</i> , 1986, 18, 503-512.	0.2	3

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91	Effect of polyamines on perfused rat heart contractility. <i>Pharmacological Research Communications</i> , 1985, 17, 873-881.	0.2	3
92	Putrescine has analgesic activity, in rats. <i>Life Sciences</i> , 1984, 34, 2407-2412.	2.0	18
93	Effect of \pm -difluoromethylornithine (DFMO) on the behavioral syndrome induced by intracerebroventricular injection of ACTH1 \hat{c} 24, in rats. <i>Neuropeptides</i> , 1984, 4, 247-250.	0.9	4
94	Sex-linked differences in avoidance learning in the offspring of rats treated with nicotine during pregnancy. <i>Psychopharmacology</i> , 1983, 80, 93-95.	1.5	47
95	Oxolinic Acid \hat{c} Trimethoprim Combination: Effects on DNA Synthesis and on Viability of <i>Escherichia coli</i> . <i>Chemotherapy</i> , 1983, 29, 24-27.	0.8	6
96	Trimethoprim enhances the antibacterial activity of nalidixic and oxolinic acids and delays the emergence of resistance. <i>Experientia</i> , 1980, 36, 243-244.	1.2	8
97	Pharmacological interferences in the protein synthesis during the fetal or neonatal period, in the rat: Behavioral outcomes in the adulthood. <i>Pharmacological Research Communications</i> , 1980, 12, 227-232.	0.2	3
98	Superior avoidance learning in the offspring of rats treated with an anabolic steroid during pregnancy. <i>Experientia</i> , 1979, 35, 635-635.	1.2	1
99	Behavioural effects of naloxone in rats. <i>Experientia</i> , 1978, 34, 771-772.	1.2	37