# Gennaro Schettini

List of Publications by Year
in descending order



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|---|---|---|---|
| 100 papers | 5,583 citations | 57758 44 h-index | 82547 72 g-index |
| 101 all docs | 101 docs citations | 101 times ranked | 5395 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Chemokines and Their Receptors in the Central Nervous System. Frontiers in Neuroendocrinology, 2001, 22, 147-184. | 5.2 | 348 |
| 2 | Characterization of chemokines and their receptors in the central nervous system: physiopathological implications. Journal of Neurochemistry, 2002, 82, 1311-1329. | 3.9 | 274 |
| 3 | Stromal cell-derived factor 1alpha stimulates human glioblastoma cell growth through the activation of both extracellular signal-regulated kinases 1/2 and Akt. Cancer Research, 2003, 63, 1969-74. | 0.9 | 272 |
| 4 | Glial and Neuronal Cells Express Functional Chemokine Receptor CXCR4 and Its Natural Ligand Stromal Cellâ€Derived Factor 1. Journal of Neurochemistry, 1999, 73, 2348-2357. | 3.9 | 197 |
| 5 | Generation of an Apoptotic Intracellular Peptide by Î³-Secretase Cleavage of Alzheimer's Amyloid ÃŸ Protein Precursor. Journal of Alzheimer's Disease, 2000, 2, 289-301. | 2.6 | 195 |
| 6 | Pyroglutamateâ€modified amyloid Î²â€peptides â€“ AÎ²N3(pE) â€“ strongly affect cultured neuron and astrocyte survival. Journal of Neurochemistry, 2002, 82, 1480-1489. | 3.9 | 179 |
| 7 | Stromal cellâ€derived factorâ€1Î± induces astrocyte proliferation through the activation of extracellular signalâ€regulated kinases 1/2 pathway. Journal of Neurochemistry, 2001, 77, 1226-1236. | 3.9 | 177 |
| 8 | Stromal cell-derived factor-1Î± (SDF-1Î±/CXCL12) stimulates ovarian cancer cell growth through the EGF receptor transactivation. Experimental Cell Research, 2005, 308, 241-253. | 2.6 | 153 |
| 9 | Expression of CXC chemokine receptors 1â€“5 and their ligands in human glioma tissues: Role of CXCR4 and SDF1 in glioma cell proliferation and migration. Neurochemistry International, 2006, 49, 423-432. | 3.8 | 144 |
| 10 | HIV-1 Tat Causes Apoptotic Death and Calcium Homeostasis Alterations in Rat Neurons. Biochemical and Biophysical Research Communications, 2001, 288, 301-308. | 2.1 | 128 |
| 11 | The Î²-Amyloid Precursor Protein APP Is Tyrosine-phosphorylated in Cells Expressing a Constitutively Active Form of the Abl Protoncogene. Journal of Biological Chemistry, 2001, 276, 19787-19792. | 3.4 | 111 |
| 12 | Signal Transduction through Tyrosine-phosphorylated C-terminal Fragments of Amyloid Precursor Protein via an Enhanced Interaction with Shc/Grb2 Adaptor Proteins in Reactive Astrocytes of Alzheimer's Disease Brain. Journal of Biological Chemistry, 2002, 277, 35282-35288. | 3.4 | 110 |
| 13 | Overexpression of Stromal Cellâ€“Derived Factor 1 and Its Receptor CXCR4 Induces Autocrine/Paracrine Cell Proliferation in Human Pituitary Adenomas. Clinical Cancer Research, 2008, 14, 5022-5032. | 7.0 | 104 |
| 14 | Expression of the Chemokine Receptor CXCR4 and Its Ligand Stromal Cellâ€Derived Factor 1 in Human Brain Tumors and Their Involvement in Glial Proliferation in Vitro. Annals of the New York Academy of Sciences, 2002, 973, 60-69. | 3.8 | 97 |
| 15 | Adenosine 3â€²,5â€²-Monophosphate (cAMP) and Calcium-Calmodulin Interrelation in the Control of Prolactin Secretion: Evidence for Dopamine Inhibition of cAMP Accumulation and Prolactin Release after Calcium Mobilization*. Endocrinology, 1983, 112, 1801-1807. | 2.8 | 88 |
| 16 | Chemokines and their receptors in the CNS: expression of CXCL12/SDF-1 and CXCR4 and their role in astrocyte proliferation. Toxicology Letters, 2003, 139, 181-189. | 0.8 | 88 |
| 17 | Expression of Somatostatin Receptor mRNA in Human Meningiomas and their Implication in in vitro Antiproliferative Activity. Journal of Neuro-Oncology, 2004, 66, 155-166. | 2.9 | 87 |
| 18 | Amyloid Precursor Protein and Presenilin1 Interact with the Adaptor GRB2 and Modulate ERK 1,2 Signaling. Journal of Biological Chemistry, 2007, 282, 13833-13844. | 3.4 | 83 |

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|---|---|---|---|
| 19 | CXCR4 Activation Induces Epidermal Growth Factor Receptor Transactivation in an Ovarian Cancer Cell Line. Annals of the New York Academy of Sciences, 2004, 1030, 162-169. | 3.8 | 80 |
| 20 | Intracellular Calcium Rise through L-Type Calcium Channels, as Molecular Mechanism for Prion Protein Fragment 106-126-Induced Astroglial Proliferation. Biochemical and Biophysical Research Communications, 1996, 228, 397-405. | 2.1 | 76 |
| 21 | Polydeoxyribonucleotides enhance the proliferation of human skin fibroblasts: Involvement of A2 purinergic receptor subtypes. Life Sciences, 1999, 64, 1661-1674. | 4.3 | 74 |
| 22 | Identification of Amino-Terminally and Phosphotyrosine-Modified Carboxy-Terminal Fragments of the Amyloid Precursor Protein in Alzheimer's Disease and Down's Syndrome Brain. Neurobiology of Disease, 2001, 8, 173-180. | 4.4 | 74 |
| 23 | Prion protein fragment 106-126 induces apoptotic cell death and impairment of L-type voltage-sensitive calcium channel activity in the GH3 cell line. , 1998, 54, 341-352. | | 73 |
| 24 | Somatostatin inhibition of adenylate cyclase activity in different brain areas. Brain Research, 1989, 492, 65-71. | 2.2 | 72 |
| 25 | Somatostatin Inhibits PC Cl3 Thyroid Cell Proliferation through the Modulation of Phosphotyrosine Phosphatase Activity. Journal of Biological Chemistry, 1996, 271, 6129-6136. | 3.4 | 70 |
| 26 | Expression of Chemokine Receptors in the Rat Brain<sup>a</sup>. Annals of the New York Academy of Sciences, 1999, 876, 201-209. | 3.8 | 68 |
| 27 | The amyloid precursor protein and its network of interacting proteins: physiological and pathological implications. Brain Research Reviews, 2005, 48, 257-264. | 9.0 | 66 |
| 28 | Apoptotic Cell Death and Impairment of L-Type Voltage-Sensitive Calcium Channel Activity in Rat Cerebellar Granule Cells Treated with the Prion Protein Fragment 106â€“126. Neurobiology of Disease, 2000, 7, 299-309. | 4.4 | 64 |
| 29 | Î²-Amyloid precursor protein metabolism: focus on the functions and degradation of its intracellular domain. Pharmacological Research, 2010, 62, 308-317. | 7.1 | 62 |
| 30 | Human Pancreatic Tumor Growth Hormone-Releasing Factor Stimulates Anterior Pituitary Adenylate Cyclase Activity, Adenosine 3â€²,5â€²-Monophosphate Accumulation, and Growth Hormone Release in a Calmodulin-Dependent Manner*. Endocrinology, 1984, 115, 1308-1314. | 2.8 | 60 |
| 31 | Contribution of two conserved glycine residues to fibrillogenesis of the 106â€“126 prion protein fragment. Evidence that a soluble variant of the 106â€“126 peptide is neurotoxic. Journal of Neurochemistry, 2003, 85, 62-72. | 3.9 | 60 |
| 32 | Phosphorylation of APPâ€CTFâ€AICD domains and interaction with adaptor proteins: signal transduction and/or transcriptional role â€“ relevance for Alzheimer pathology. Journal of Neurochemistry, 2010, 115, 1299-1308. | 3.9 | 60 |
| 33 | p38 MAP Kinase Mediates the Cell Death Induced by PrP106â€“126 in the SH-SY5Y Neuroblastoma Cells. Neurobiology of Disease, 2002, 9, 69-81. | 4.4 | 59 |
| 34 | Pharmacological evidence of supersensitivity of central serotonergic receptors involved in the control of prolactin secretion. European Journal of Pharmacology, 1981, 76, 9-13. | 3.5 | 57 |
| 35 | Somatostatin receptor 1 (SSTR1)-mediated inhibition of cell proliferation correlates with the activation of the MAP kinase cascade: role of the phosphotyrosine phosphatase SHP-2. Journal of Physiology (Paris), 2000, 94, 239-250. | 2.1 | 56 |
| 36 | Intracellular mechanisms mediating the neuronal death and astrogliosis induced by the prion protein fragment 106â€“126. International Journal of Developmental Neuroscience, 2000, 18, 481-492. | 1.6 | 56 |

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| 37 | The Expression of the Phosphotyrosine Phosphatase DEP-1/PTPÎ· Dictates the Responsivity of Glioma Cells to Somatostatin Inhibition of Cell Proliferation. Journal of Biological Chemistry, 2004, 279, 29004-29012. | 3.4 | 55 |
| 38 | CXCR4 and SDF1 expression in human meningiomas: A proliferative role in tumoral meningothelial cells in vitro1. Neuro-Oncology, 2007, 9, 3-11. | 1.2 | 53 |
| 39 | Inhibition of nuclear factor-?B activation induces apoptosis in cerebellar granule cells. Journal of Neuroscience Research, 2001, 66, 1064-1073. | 2.9 | 51 |
| 40 | The Activation of the Phosphotyrosine Phosphatase Î· (r-PTPÎ·) Is Responsible for the Somatostatin Inhibition of PC Cl3 Thyroid Cell Proliferation. Molecular Endocrinology, 2001, 15, 1838-1852. | 3.7 | 49 |
| 41 | Chemokine Stromal Cell-Derived Factor 1Î± Induces Proliferation and Growth Hormone Release in GH4C1 Rat Pituitary Adenoma Cell Line through Multiple Intracellular Signals. Molecular Pharmacology, 2006, 69, 539-546. | 2.3 | 49 |
| 42 | Somatostatin and SMS 201-995 reverse the impairment of cognitive functions induced by cysteamine depletion of brain somatostatin. European Journal of Pharmacology, 1988, 151, 399-407. | 3.5 | 48 |
| 43 | Characterization of the intracellular mechanisms mediating somatostatin and lanreotide inhibition of DNA synthesis and growth hormone release from dispersed human GH-secreting pituitary adenoma cells in vitro. Clinical Endocrinology, 2003, 59, 115-128. | 2.4 | 48 |
| 44 | The rat tyrosine phosphatase Î· increases cell adhesion by activating c-Src through dephosphorylation of its inhibitory phosphotyrosine residue. Oncogene, 2005, 24, 3187-3195. | 5.9 | 48 |
| 45 | The Differential Response of Protein Kinase A to Cyclic AMP in Discrete Brain Areas Correlates with the Abundance of Regulatory Subunit II. Journal of Neurochemistry, 1996, 66, 1752-1761. | 3.9 | 45 |
| 46 | Somatostatin Receptor Subtype-Dependent Regulation of Nitric Oxide Release: Involvement of Different Intracellular Pathways. Molecular Endocrinology, 2005, 19, 255-267. | 3.7 | 44 |
| 47 | Role of stromal cell-derived factor 1 (SDF1/CXCL12) in regulating anterior pituitary function. Journal of Molecular Endocrinology, 2007, 38, 383-389. | 2.5 | 42 |
| 48 | Antitumor activity of a new orally active organotin compound: a preliminary study in murine tumor models. Anti-Cancer Drugs, 2002, 13, 599-604. | 1.4 | 40 |
| 49 | In Vitro Studies on Basal and Stimulated Prolactin Release by Rat Anterior Pituitary: A Possible Role for Calmodulin*. Endocrinology, 1983, 112, 64-70. | 2.8 | 38 |
| 50 | The Effects of Maitotoxin on45Ca2+Flux and Hormone Release in GH3 Rat Pituitary Cells*. Endocrinology, 1985, 116, 622-627. | 2.8 | 38 |
| 51 | Isolation of a Long-Lastingeag-Related Gene-Type K<sup>+</sup>Current in MMQ Lactotrophs and Its Accommodating Role during Slow Firing and Prolactin Release. Journal of Neuroscience, 2002, 22, 3414-3425. | 3.6 | 38 |
| 52 | Î²25â€“35 Alters Calcium Homeostasis and Induces Neurotoxicity in Cerebellar Granule Cells. Journal of Neurochemistry, 1996, 66, 1995-2003. | 3.9 | 38 |
| 53 | CXC Receptor and Chemokine Expression in Human Meningioma: SDF1/CXCR4 Signaling Activates ERK1/2 and Stimulates Meningioma Cell Proliferation. Annals of the New York Academy of Sciences, 2006, 1090, 332-343. | 3.8 | 38 |
| 54 | RAPID AND LONG-LASTING SUPPRESSION OF PROLACTIN SECRETION AND SHRINKAGE OF PROLACTINOMAS AFTER INJECTION OF LONG-ACTING REPEATABLE FORM OF BROMOCRIPTINE (PARLODEL LAR). Clinical Endocrinology, 1990, 33, 161-170. | 2.4 | 35 |

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| 55 | Interleukin-1-Î² Modulation of Prolactin Secretion from Rat Anterior Pituitary Cells: Involvement of Adenylate Cyclase Activity and Calcium Mobilization*. Endocrinology, 1990, 126, 1435-1441. | 2.8 | 34 |
| 56 | The Type and the Localization of cAMP-dependent Protein Kinase Regulate Transmission of cAMP Signals to the Nucleus in Cortical and Cerebellar Granule Cells. Journal of Biological Chemistry, 1999, 274, 6546-6552. | 3.4 | 34 |
| 57 | Signal Transduction through Tyrosineâ€Phosphorylated Carboxyâ€Terminal Fragments of APP via an Enhanced Interaction with Shc/Grb2 Adaptor Proteins in Reactive Astrocytes of Alzheimer's Disease Brain. Annals of the New York Academy of Sciences, 2002, 973, 323-333. | 3.8 | 34 |
| 58 | Vasoactive Intestinal Peptide and Forskolin Stimulate Interleukin 6 Production by Rat Cortical Astrocytes in Culture via a Cyclic AMP-Dependent, Prostaglandin-Independent Mechanism. Journal of Neurochemistry, 2002, 63, 344-350. | 3.9 | 33 |
| 59 | The Phosphotyrosine Phosphatase Î· Mediates Somatostatin Inhibition of Glioma Proliferation via the Dephosphorylation of ERK1/2. Annals of the New York Academy of Sciences, 2004, 1030, 264-274. | 3.8 | 33 |
| 60 | SDF-1 Controls Pituitary Cell Proliferation through the Activation of ERK1/2 and the Ca2+-Dependent, Cytosolic Tyrosine Kinase Pyk2. Annals of the New York Academy of Sciences, 2006, 1090, 385-398. | 3.8 | 33 |
| 61 | Somatostatin inhibition of anterior pituitary adenylate cyclase activity: different sensitivity between male and female rats. Brain Research, 1988, 439, 322-329. | 2.2 | 32 |
| 62 | Basic Fibroblast Growth Factor Activates Endothelial Nitric-Oxide Synthase in CHO-K1 Cells via the Activation of Ceramide Synthesis. Molecular Pharmacology, 2003, 63, 297-310. | 2.3 | 32 |
| 63 | Somatostatin Inhibits Interleukin 6 Release from Rat Cortical Type I Astrocytes via the Inhibition of Adenylyl Cyclase. Biochemical and Biophysical Research Communications, 1997, 235, 242-248. | 2.1 | 31 |
| 64 | Age-related alterations of somatostatin gene expression in different rat brain areas. Brain Research, 1991, 557, 64-68. | 2.2 | 27 |
| 65 | Maitotoxin-Induced Intracellular Calcium Rise in PC 12 Cells: Involvement of Dihydropyridine-Sensitive and ?-Conotoxin-Sensitive Calcium Channels and Phosphoinositide Breakdown. Journal of Neurochemistry, 1992, 59, 679-688. | 3.9 | 26 |
| 66 | InÂvitro effect of human recombinant leptin and expression of leptin receptors on growth hormoneâ€secreting human pituitary adenomas. Clinical Endocrinology, 2002, 57, 449-455. | 2.4 | 25 |
| 67 | Apoptotic cell death influences the signaling activity of the amyloid precursor protein through ShcA and Grb2 adaptor proteins in neuroblastoma SH-SY5Y cells. Journal of Neurochemistry, 2004, 90, 1359-1370. | 3.9 | 24 |
| 68 | Intracellular Signalling Mediating HIV-1 gp120 Neurotoxicity. Cellular Signalling, 1998, 10, 75-84. | 3.6 | 22 |
| 69 | Adenylate cyclase activity of Î½-ras -k transformed rat epithelial thyroid cells. FEBS Letters, 1988, 228, 37-41. | 2.8 | 19 |
| 70 | Oncogene Transformation of PC Cl3 Clonal Thyroid Cell Line Induces an Autonomous Pattern of Proliferation That Correlates with a Loss of Basal and Stimulated Phosphotyrosine Phosphatase Activity*. Endocrinology, 1997, 138, 3756-3763. | 2.8 | 19 |
| 71 | Modulation by GTP of Basal and Agonist-Stimulated Striatal Adenylate Cyclase Activity Following Chronic Blockade of D1 and D2 Dopamine Receptors: Involvement of G Proteins in the Development of Receptor Supersensitivity. Journal of Neurochemistry, 1992, 59, 1667-1674. | 3.9 | 17 |
| 72 | Amyloid Precursor Protein Modulates ERK-1 and -2 Signaling. Annals of the New York Academy of Sciences, 2006, 1090, 455-465. | 3.8 | 17 |

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| 73 | Penfluridol Decreases Secretagogue-Induced TSH, GH, and LH Secretion in vitro:A Possible Role for Calcium-Calmodulin. Neuroendocrinology, 1983, 37, 229-234. | 2.5 | 16 |
| 74 | Effect of interleukin 1 beta on transducing mechanisms in 235-1 clonal pituitary cells. Biochemical and Biophysical Research Communications, 1988, 155, 1089-1096. | 2.1 | 16 |
| 75 | Synergistic Stimulation of Interleukin 6 Release and Gene Expression by Phorbol Esters and Interleukin 1β in Rat Cortical Astrocytes: Role of Protein Kinase C Activation and Blockade. Journal of Neurochemistry, 2002, 64, 1945-1953. | 3.9 | 16 |
| 76 | Bacterial Lipopolysaccharide Increases Interleukin-6 and Prostaglandin Release in Rat Cortical Type I Astrocytes by Different Mechanisms: Role of Anti-inflammatory Agents. Biochemical and Biophysical Research Communications, 1998, 250, 798-804. | 2.1 | 15 |
| 77 | Pattern of Distribution of Calcitonin Gene-Related Peptide in the Dorsal Root Ganglion of Animal Models of Diabetes Mellitus. Annals of the New York Academy of Sciences, 2006, 1084, 296-303. | 3.8 | 15 |
| 78 | Amyloid Precursor Protein and Presenilin 1 Interaction Studied by FRET in Human H4 Cells. Annals of the New York Academy of Sciences, 2007, 1096, 249-257. | 3.8 | 15 |
| 79 | Amino-Terminally Truncated Prion Protein PrP90-231 Induces Microglial Activation in Vitro. Annals of the New York Academy of Sciences, 2007, 1096, 258-270. | 3.8 | 15 |
| 80 | Effect of interleukin 1 beta on transducing mechanisms in 235-1 clonal pituitary cells. Biochemical and Biophysical Research Communications, 1988, 155, 1097-1104. | 2.1 | 14 |
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| 82 | Nuclear localization of ciliary neurotrophic factor in glial cells. Brain Research, 1999, 818, 565-569. | 2.2 | 14 |
| 83 | Pyrrolidinedithiocarbamate induces apoptosis in cerebellar granule cells: involvement of AP-1 and MAP kinases. Neurochemistry International, 2003, 43, 31-38. | 3.8 | 13 |
| 84 | Nitric Oxide Production Stimulated by the Basic Fibroblast Growth Factor Requires the Synthesis of Ceramide. Annals of the New York Academy of Sciences, 2002, 973, 94-104. | 3.8 | 12 |
| 85 | Interleukin 6 modulation of second messenger systems in anterior pituitary cells. Life Sciences, 1992, 51, 1243-1248. | 4.3 | 10 |
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| 87 | BACE1 Overexpression Regulates Amyloid Precursor Protein Cleavage and Interaction with the ShcA Adapter. Annals of the New York Academy of Sciences, 2004, 1030, 330-338. | 3.8 | 9 |
| 88 | Oncogene Transformation of PC Cl3 Clonal Thyroid Cell Line Induces an Autonomous Pattern of Proliferation That Correlates with a Loss of Basal and Stimulated Phosphotyrosine Phosphatase Activity. Endocrinology, 1997, 138, 3756-3763. | 2.8 | 9 |
| 89 | Agents that increase cellular cyclic AMP or calcium stimulate prolactin release from the 235-1 pituitary cell line. European Journal of Pharmacology, 1985, 109, 335-340. | 3.5 | 8 |
| 90 | Thrombin mutants with altered enzymatic activity have an impaired mitogenic effect on mouse fibroblasts and are inefficient modulators of stellation of rat cortical astrocytes. Biochimica Et Biophysica Acta - Molecular Cell Research, 1999, 1451, 173-186. | 4.1 | 7 |

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| 91 | Apoptotic Cell Death and Amyloid Precursor Protein Signaling in Neuroblastoma SHâ€SY5Y Cells. Annals of the New York Academy of Sciences, 2004, 1030, 339-347. | 3.8 | 7 |
| 92 | Dopaminergic Inhibition of Anterior Pituitary Adenylate Cyclase Activity and Prolactin Release: The Effects of Perturbing Calcium on Catalytic Adenylate Cyclase Activity. Neuroendocrinology, 1986, 44, 1-7. | 2.5 | 7 |
| 93 | Chemical denervation produces supersensitivity of central serotonergic receptors involved in the control of TSH secretion in the rat. Brain Research, 1983, 261, 349-352. | 2.2 | 6 |
| 94 | Calmodulin modulates prolactin secretion in vitro: Studies with calmodulin containing liposomes. Life Sciences, 1987, 41, 2437-2444. | 4.3 | 5 |
| 95 | Clinical management of prolactinomas: A ten-year experience. Medical Oncology and Tumor Pharmacotherapy, 1992, 9, 93-99. | 1.1 | 5 |
| 96 | Aniracetam improves behavioural responses and facilitates signal transduction in the rat brain. Journal of Psychopharmacology, 1994, 8, 109-117. | 4.0 | 4 |
| 97 | Chemokines, their Receptors and Significance in Brain Function. NeuroImmune Biology, 2008, , 242-273. | 0.2 | 4 |
| 98 | Interleukin-1 Modulation of Anterior Pituitary Function... Annals of the New York Academy of Sciences, 1990, 594, 489-491. | 3.8 | 3 |
| 99 | Immunofluorescence and biochemical techniques to detect nuclear localization of ciliary neurotrophic factor in glial cells. Brain Research Protocols, 2000, 5, 273-281. | 1.6 | 3 |
| 100 | Molecular Mechanisms Mediating Neuronal Cell Death in Experimental Models of Prion Diseases, in vitro. , 2005, , 273-297. | | 0 |