# Ezio Giacobini

List of Publications by Year
in descending order



| 103 | 7,537 | 93792 39 | 62345 84 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 105 | 105 | 105 | 9225 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Reimagining cholinergic therapy for Alzheimerâ€™s disease. Brain, 2022, 145, 2250-2275. | 3.7 | 50 |
| 2 | Future avenues for Alzheimer's disease detection and therapy: liquid biopsy, intracellular signaling modulation, systems pharmacology drug discovery. Neuropharmacology, 2021, 185, 108081. | 2.0 | 27 |
| 3 | Î²-Secretase1 biological markers for Alzheimerâ€™s disease: state-of-art of validation and qualification. Alzheimer's Research and Therapy, 2020, 12, 130. | 3.0 | 16 |
| 4 | Sex and Gender Differences in the Brain Cholinergic System and in the Response to Therapy of Alzheimer Disease with Cholinesterase Inhibitors. Current Alzheimer Research, 2018, 15, 1077-1084. | 0.7 | 61 |
| 5 | The cholinergic system in the pathophysiology and treatment of Alzheimerâ€™s disease. Brain, 2018, 141, 1917-1933. | 3.7 | 1,008 |
| 6 | Sex differences in Alzheimer disease â€” the gateway to precision medicine. Nature Reviews Neurology, 2018, 14, 457-469. | 4.9 | 573 |
| 7 | The biomarker-based diagnosis of Alzheimer's disease. 1â€”ethical and societal issues. Neurobiology of Aging, 2017, 52, 132-140. | 1.5 | 39 |
| 8 | Strategic roadmap for an early diagnosis of Alzheimer's disease based on biomarkers. Lancet Neurology, The, 2017, 16, 661-676. | 4.9 | 464 |
| 9 | A Study of AÎ² Oligomers in the Temporal Cortex and Cerebellum of Patients with Neuropathologically Confirmed Alzheimer's Disease Compared to Aged Controls. Neurodegenerative Diseases, 2016, 16, 398-406. | 0.8 | 14 |
| 10 | Advances in the therapy of Alzheimerâ€™s disease: targeting amyloid beta and tau and perspectives for the future. Expert Review of Neurotherapeutics, 2015, 15, 83-105. | 1.4 | 64 |
| 11 | A new roadmap for drug development for Alzheimer's disease. Nature Reviews Drug Discovery, 2014, 13, 156-156. | 21.5 | 54 |
| 12 | Alzheimer disease therapyâ€”moving from amyloid-Î² to tau. Nature Reviews Neurology, 2013, 9, 677-686. | 4.9 | 421 |
| 13 | Phenserine Efficacy in Alzheimer's Disease. Journal of Alzheimer's Disease, 2011, 22, 1201-1208. | 1.2 | 62 |
| 14 | Why Do So Many Drugs for Alzheimer's Disease Fail in Development? Time for New Methods and New Practices?. Journal of Alzheimer's Disease, 2008, 15, 303-325. | 1.2 | 125 |
| 15 | One Hundred Years after the Discovery of Alzheimer's Disease. A Turning Point for Therapy?. Journal of Alzheimer's Disease, 2007, 12, 37-52. | 1.2 | 89 |
| 16 | Cholinesterases in human brain: the effect of cholinesterase inhibitors on Alzheimer's disease and related disorders. , 2006, , 235-264. | | 35 |
| 17 | Cholinesterase inhibitors: new roles and therapeutic alternatives. Pharmacological Research, 2004, 50, 433-440. | 3.1 | 482 |
| 18 | Drugs that target cholinesterases. , 2004, , 11-36. | | 17 |

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| 19 | Cholinesterases: new roles in brain function and in Alzheimer's disease. Neurochemical Research, 2003, 28, 515-522. | 1.6 | 294 |
| 20 | Cholinergic function and Alzheimer's disease. International Journal of Geriatric Psychiatry, 2003, 18, S1-S5. | 1.3 | 245 |
| 21 | Inhibition of acetyl- and butyryl-cholinesterase in the cerebrospinal fluid of patients with Alzheimer's disease by rivastigmine: correlation with cognitive benefit. Journal of Neural Transmission, 2002, 109, 1053-1065. | 1.4 | 196 |
| 22 | Do Cholinesterase Inhibitors Have Disease-Modifying Effects in Alzheimer??s Disease?. CNS Drugs, 2001, 15, 85-91. | 2.7 | 66 |
| 23 | Selective Inhibitors of Butyrylcholinesterase. Drugs and Aging, 2001, 18, 891-898. | 1.3 | 128 |
| 24 | Cholinesterase inhibitors stabilize Alzheimer disease. , 2000, 25, 1185-1190. | | 57 |
| 25 | Cholinesterase Inhibitors Stabilize Alzheimer's Disease. Annals of the New York Academy of Sciences, 2000, 920, 321-327. | 1.8 | 108 |
| 26 | Metrifonate: A Cholinesterase Inhibitor for Alzheimer's Disease Therapy. CNS Neuroscience & Therapeutics, 1999, 5, 13-26. | 4.0 | 5 |
| 27 | Cholinergic foundations of Alzheimer's disease therapy. Journal of Physiology (Paris), 1998, 92, 283-287. | 2.1 | 53 |
| 28 | Invited Review Cholinesterase inhibitors for Alzheimerâ€™s disease therapy: from tacrine to future applications. Neurochemistry International, 1998, 32, 413-419. | 1.9 | 196 |
| 29 | Pharmacological Basis of Cholinergic Therapy in Alzheimer Disease. , 1998, , 153-157. | | 0 |
| 30 | From Molecular Structure to Alzheimer Therapy.. The Japanese Journal of Pharmacology, 1997, 74, 225-241. | 1.2 | 88 |
| 31 | Metrifonate. Drugs and Aging, 1997, 11, 497. | 1.3 | 2 |
| 32 | From Molecular Structure to Alzheimer Therapy. The Japanese Journal of Pharmacology, 1997, 74, 225-241. | 1.2 | 11 |
| 33 | Nicotinic Agonist Modulation of Neurotransmitter Levels in the Rat Frontoparietal Cortex. The Japanese Journal of Pharmacology, 1997, 74, 139-146. | 1.2 | 5 |
| 34 | Cholinesterase Inhibitors Do More than Inhibit Cholinesterase. , 1997, , 187-204. | | 17 |
| 35 | Alzheimer Disease. Advances in Experimental Medicine and Biology, 1997, , 235-245. | 0.8 | 16 |
| 36 | Chapter 30 New trends in cholinergic therapy for Alzheimer disease: nicotinic agonists or cholinesterase inhibitors?. Progress in Brain Research, 1996, 109, 311-323. | 0.9 | 28 |

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| 37 | A microdialysis study of the effects of the nicotinic agonist RJR-2403 on cortical release of acetylcholine and biogenic amines. Neurochemical Research, 1996, 21, 1181-1186. | 1.6 | 40 |
| 38 | Cholinesterase inhibitors increase secretion of APPs in rat brain cortex. NeuroReport, 1995, 6, 633-636. | 0.6 | 162 |
| 39 | Metrifonate effects on acetylcholine and biogenic amines in rat cortex. Neurochemical Research, 1995, 20, 1081-1088. | 1.6 | 43 |
| 40 | 5-Fluoronicotine, noranhydroecgonine, and pyridyl-methylpyrrolidine release acetylcholine and biogenic amines in rat cortex in vivo. Neurochemical Research, 1995, 20, 1089-1094. | 1.6 | 13 |
| 41 | Effect of MDL 73,745 on acetylcholine and biogenic amine levels in rat cortex. European Journal of Pharmacology, 1995, 276, 93-99. | 1.7 | 26 |
| 42 | Cellular Acetylcholine Receptor Expression in the Brain of Patients with Alzheimerâ€™s and Parkinsonâ€™s Dementia. Advances in Behavioral Biology, 1995, , 63-67. | 0.2 | 3 |
| 43 | Alzheimer Disease: Major Neurotransmitter Deficits. Can they be Corrected?. Advances in Behavioral Biology, 1995, , 429-436. | 0.2 | 0 |
| 44 | Effects of nicotine on levels of acetylcholine and biogenic amines in rat cortex. Drug Development Research, 1994, 31, 108-119. | 1.4 | 30 |
| 45 | Therapy for Alzheimer's disease. Molecular Neurobiology, 1994, 9, 115-118. | 1.9 | 11 |
| 46 | Trimethylsilylated trifluoromethyl ketones, a novel class of acetylcholinesterase inhibitors: biochemical and pharmacological profile of MDL 73,745. Biochemical Society Transactions, 1994, 22, 758-763. | 1.6 | 22 |
| 47 | Second and Third Generation Cholinesterase Inhibitors: From Preclinical Studies to Clinical Efficacy. , 1994, , 155-171. | | 25 |
| 48 | Muscarinic receptors mediate attenuation of extracellular acetylcholine levels in rat cerebral cortex after cholinesterase inhibition. Neuroscience Letters, 1993, 158, 205-208. | 1.0 | 27 |
| 49 | Chapter 55: Pharmacotherapy of Alzheimer disease: new drugs and novel strategies. Progress in Brain Research, 1993, 98, 447-454. | 0.9 | 30 |
| 50 | Nicotine, Parkinson's and Alzheimer's Disease. Reviews in the Neurosciences, 1992, 3, 25-44. | 1.4 | 22 |
| 51 | Differential inhibition of acetylcholinesterase molecular forms in normal and Alzheimer disease brain. Brain Research, 1992, 589, 307-312. | 1.1 | 40 |
| 52 | Preferential inhibition of acetylcholinesterase molecular forms in rat brain. Neurochemical Research, 1992, 17, 489-495. | 1.6 | 43 |
| 53 | Cholinomimetic Replacement of Cholinergic Function in Alzheimer Disease. Advances in Behavioral Biology, 1992, , 19-34. | 0.2 | 6 |
| 54 | Muscarinic cholinoceptive neurons in the frontal cortex in Alzheimer's disease. Brain Research Bulletin, 1991, 27, 631-636. | 1.4 | 38 |

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| 55 | Nicotinic cholinoceptive neurons of the frontal cortex are reduced in Alzheimer's disease. Neurobiology of Aging, 1991, 12, 259-262. | 1.5 | 153 |
| 56 | Nucleus basalis lesions decrease Î±-and Î±-bungarotoxins binding in rat cortex. NeuroReport, 1991, 2, 177-180. | 0.6 | 5 |
| 57 | Cellular Distribution and Expression of Cortical Acetylcholine Receptors in Aging and Alzheimer's Diseasea. Annals of the New York Academy of Sciences, 1991, 640, 189-192. | 1.8 | 20 |
| 58 | The Second Generation of Cholinesterase Inhibitors: Pharmacological Aspects. , 1991, , 247-262. | | 28 |
| 59 | Cerebrospinal fluid choline levels are decreased in Parkinson's disease. Annals of Neurology, 1990, 27, 683-685. | 2.8 | 21 |
| 60 | Effects of metrifonate, a long-acting cholinesterease inhibitor, in alzheimer disease: Report of an open trial. Drug Development Research, 1990, 19, 425-434. | 1.4 | 85 |
| 61 | Chapter 34 The cholinergic system in Alzheimer disease. Progress in Brain Research, 1990, 84, 321-332. | 0.9 | 82 |
| 62 | Choline levels are increased in cerebrospinal fluid of Alzheimer patients. Neurobiology of Aging, 1989, 10, 45-50. | 1.5 | 36 |
| 63 | Chapter 33 The cholinergic receptor system of the human brain: neurochemical and pharmacological aspects in aging and Alzheimer. Progress in Brain Research, 1989, 79, 335-343. | 0.9 | 39 |
| 64 | Mechanisms of cholinesterase inhibition in senile dementia of the alzheimer type: Clinical, pharmacological, and therapeutic aspects. Drug Development Research, 1988, 12, 163-195. | 1.4 | 189 |
| 65 | Pharmacokinetics and pharmacodynamics of acetylcholinesterase inhibition: Can acetylcholine levels in the brain be improved in alzheimer's disease?. Drug Development Research, 1988, 14, 235-246. | 1.4 | 21 |
| 66 | Brain morphological measures and CSF acetylcholine in Alzheimer dementia. Psychiatry Research, 1988, 23, 111-114. | 1.7 | 2 |
| 67 | Cerebrospinal fluid choline, and acetylcholinesterase activity in familial vs. non-familial Alzheimer's disease patients. Archives of Gerontology and Geriatrics, 1988, 7, 111-117. | 1.4 | 12 |
| 68 | Chapter 8 Carbonic Anhydrase: The First Marker of Glial Development. Current Topics in Developmental Biology, 1987, 21, 207-215. | 1.0 | 7 |
| 69 | Aging of cholinergic synapses in the avian iris. Part Iâ€"Biochemical studies. Neurobiology of Aging, 1987, 8, 123-129. | 1.5 | 4 |
| 70 | Brain Acetylcholine â€" A View From the Cerebrospinal Fluid. , 1987, , 85-101. | | 7 |
| 71 | Modulation of brain acetylcholine levels with cholinesterase inhibitors as a treatment of Alzheimer disease.. Keio Journal of Medicine, 1987, 36, 381-391. | 0.5 | 18 |
| 72 | Experimental maternal hyperpipecolatemia decreases DNA in the mouse brain. International Journal of Developmental Neuroscience, 1986, 4, 113-118. | 0.7 | 1 |

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| 73 | Brain acetylcholineâ€"a view from the cerebrospinal fluid (CSF). Neurobiology of Aging, 1986, 7, 392-396. | 1.5 | 12 |
| 74 | Relation of brain regional physostigmine concentration to cholinesterase activity and acetylcholine and choline levels in rat. Neurochemical Research, 1986, 11, 1037-1048. | 1.6 | 61 |
| 75 | Development of Peripheral Parasympathetic Neurons and Synapses. , 1986, , 29-67. | | 0 |
| 76 | Distribution of pipecolic acid and proline in the developing rat brain and peripheral organs. International Journal of Developmental Neuroscience, 1985, 3, 379-384. | 0.7 | 4 |
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| 79 | Aging of Autonomic Synapses. Advances in Cellular Neurobiology, 1982, 3, 173-214. | 1.0 | 7 |
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| 82 | Time course of appearance of?-bungarotoxin binding sites during development of chick ciliary ganglion and iris. Neurochemical Research, 1978, 3, 465-478. | 1.6 | 76 |
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| 84 | VALIDITY OF SINGLE NEURON CHEMICAL ANALYSIS. , 1978, , 3-17. | | 2 |
| 85 | Activity of Enzymes Related to Neurotransmission in Neuronal and Glial Fractions. International Journal of Neuroscience, 1973, 5, 87-90. | 0.8 | 22 |
| 86 | Dopaâ€decarboxylase in Autonomic and Sensory Ganglia of the Cat. Acta Physiologica Scandinavica, 1971, 82, 209-217. | 2.3 | 13 |
| 87 | Catecholâ€Oâ€Methyltransferase in Autonomic and Sensory Ganglia of the Cat. Acta Physiologica Scandinavica, 1969, 75, 523-529. | 2.3 | 9 |
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| 89 | Monoamine Oxidase in Sympathetic Ganglia of the Cat. Acta Physiologica Scandinavica, 1968, 74, 513-520. | 2.3 | 34 |
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| 91 | Cholinesterase Activity in Innervated and Denervated Sympathetic Ganglion Cells of the Cat. Acta Physiologica Scandinavica, 1967, 69, 355-361. | 2.3 | 29 |
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| 93 | Variations of Glycolytic Intermediates, Phosphate Compounds and Pyridine Nucleotides after Prolonged Stimulation of an Isolated Crustacean Neurone. Acta Physiologica Scandinavica, 1966, 66, 49-57. | 2.3 | 24 |
| 94 | The Action of Tricarboxylic Acid Cycle Intermediates and Glutamate on the Impulse Activity and Respiration of the Crayfish Stretch Receptor Neurone. Acta Physiologica Scandinavica, 1966, 66, 58-66. | 2.3 | 11 |
| 95 | Pyruvate, Glutamate and Tricarboxylic Acid Intermediates in the Crustacean Stretch Receptor Neurone after Prolonged Impulse Activity. Acta Physiologica Scandinavica, 1966, 66, 247-248. | 2.3 | 8 |
| 96 | Use of microgasometric techniques in pharmacological studies. Biochemical Pharmacology, 1962, 9, 155-164. | 2.0 | 5 |
| 97 | A CYTOCHEMICAL STUDY OF THE LOCALIZATION OF CARBONIC ANHYDRASE IN THE NERVOUS SYSTEM. Journal of Neurochemistry, 1962, 9, 169-177. | 2.1 | 247 |
| 98 | Cholinesterase in Muscles: A Histochemical and Microgasornetric Study. Acta Pharmacologica Et Toxicologica, 1960, 17, 94-105. | 0.0 | 28 |
| 99 | Quantitative Determination of Cholinesterase in Individual Spinal Ganglion Cells. Acta Physiologica Scandinavica, 1959, 45, 238-254. | 2.3 | 40 |
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| 101 | QUANTITATIVE DETERMINATION OF CHOLINESTERASE IN INDIVIDUAL SYMPATHETIC CELLS. Journal of Neurochemistry, 1957, 1, 234-244. | 2.1 | 57 |
| 102 | Quantitative Determination of Acetylcholinesterase Activity in Individual Nerve Cells. Nature, 1956, 177, 185-186. | 13.7 | 37 |
| 103 | Histochemical Demonstration of AChE Activity in Isolated Nerve Cells. Acta Physiologica Scandinavica, 1956, 36, 276-290. | 2.3 | 60 |