Isabel Ivorra

List of Publications by Year
in descending order

30 papers	1,189 citations	516561 16 h-index	477173 29 g-index
30 all docs	30 docs citations	30 times ranked	583 citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition by Ca2+ of inositol trisphosphate-mediated Ca2+ liberation: a possible mechanism for oscillatory release of Ca2+.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 260-264.	3.3	241
2	Caffeine inhibits inositol trisphosphateâ€mediated liberation of intracellular calcium in Xenopus oocytes.. Journal of Physiology, 1991, 433, 229-240.	1.3	198
3	Localized all-or-none calcium liberation by inositol trisphosphate. Science, 1990, 250, 977-979.	6.0	192
4	Confocal microfluorimetry of Ca2+ signals evoked in Xenopus oocytes by photoreleased inositol trisphosphate.. Journal of Physiology, 1993, 461, 133-165.	1.3	60
5	Incorporation of reconstituted acetylcholine receptors from Torpedo into the Xenopus oocyte membrane.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 8468-8472.	3.3	58
6	Effects of central or peripheral axotomy on membrane properties of sensory neurones in the petrosal ganglion of the cat.. Journal of Physiology, 1987, 391, 39-56.	1.3	56
7	Inositol 1,3,4,6-tetrakisphosphate mobilizes calcium in Xenopus oocytes with high potency. Biochemical Journal, 1991, 273, 317-321.	1.7	52
8	Characteristics of membrane currents evoked by photoreleased inositol trisphosphate in Xenopus oocytes. American Journal of Physiology - Cell Physiology, 1992, 263, C154-C165.	2.1	44
9	Inositol tetrakisphosphate liberates stored Ca2+ in Xenopus oocytes and facilitates responses to inositol trisphosphate.. Journal of Physiology, 1991, 433, 207-227.	1.3	41
10	Hemispheric asymmetry of macroscopic and elementary calcium signals mediated by InsP3inXenopusoocytes. Journal of Physiology, 1998, 511, 395-405.	1.3	28
11	The acetylcholinesterase inhibitor BW284c51 is a potent blocker of Torpedo nicotinic AchRs incorporated into the Xenopus oocyte membrane. British Journal of Pharmacology, 2005, 144, 88-97.	2.7	27
12	A slowly inactivating potassium current in native oocytes of Xenopus laevis. Proceedings of the Royal Society of London Series B, Containing Papers of A Biological Character, 1990, 238, 369-381.	1.8	25
13	Multiple inhibitory actions of lidocaine on <i>Torpedo</i> nicotinic acetylcholine receptors transplanted to <i>Xenopus</i> oocytes. Journal of Neurochemistry, 2011, 117, 1009-1019.	2.1	25
14	Functional Incorporation of P-Glycoprotein intoXenopusOocyte Plasma Membrane Fails to Elicit a Swelling-Evoked Conductance. Biochemical and Biophysical Research Communications, 1997, 237, 407-412.	1.0	21
15	Protein Orientation Affects the Efficiency of Functional Protein Transplantation into the Xenopus Oocyte Membrane. Journal of Membrane Biology, 2002, 185, 117-127.	1.0	17
16	Diverse inhibitory actions of quaternary ammonium cholinesterase inhibitors on Torpedo nicotinic ACh receptors transplanted to Xenopus oocytes. British Journal of Pharmacology, 2007, 151, 1280-1292.	2.7	16
17	Membrane currents in immature oocytes of the Rana perezi frog. Pflugers Archiv European Journal of Physiology, 1997, 434, 413-421.	1.3	14
18	Membrane properties of glossopharyngeal sensory neurons in the petrosal ganglion of the cat. Brain Research, 1987, 401, 340-346.	1.1	12

#	Article	IF	Citations
19	Functional transplantation of chloride channels from the human syncytiotrophoblast microvillous membrane to Xenopus oocytes. Pflugers Archiv European Journal of Physiology, 2002, 444, 685-691.	1.3	8
20	Structural and Functional Changes Induced in the Nicotinic Acetylcholine Receptor by Membrane Phospholipids. Journal of Molecular Neuroscience, 2006, 30, 121-124.	1.1	7
21	Nicotinic Acetylcholine Receptor Properties are Modulated by Surrounding Lipids: An In Vivo Study. Journal of Molecular Neuroscience, 2006, 30, 5-6.	1.1	7
22	Peimine, an Anti-Inflammatory Compound from Chinese Herbal Extracts, Modulates Muscle-Type Nicotinic Receptors. International Journal of Molecular Sciences, 2021, 22, 11287.	1.8	7
23	Muscle-Type Nicotinic Receptor Blockade by Diethylamine, the Hydrophilic Moiety of Lidocaine. Frontiers in Molecular Neuroscience, 2016, 9, 12.	1.4	6
24	Muscle-Type Nicotinic Receptor Modulation by 2,6-Dimethylaniline, a Molecule Resembling the Hydrophobic Moiety of Lidocaine. Frontiers in Molecular Neuroscience, 2016, 9, 127.	1.4	6
25	Mechanisms Underlying the Strong Inhibition of Muscle-Type Nicotinic Receptors by Tetracaine. Frontiers in Molecular Neuroscience, 2018, 11, 193.	1.4	6
26	Quaternary Ammonium Anticholinesterases Have Different Effects on Nicotinic Receptors: Is There a Single Binding Site?. Journal of Molecular Neuroscience, 2006, 30, 205-208.	1.1	5
27	Functional incorporation of exogenous proteins into the Xenopus oocyte membrane does not depend on intracellular calcium increase. Pflugers Archiv European Journal of Physiology, 2000, 440, 852-857.	1.3	4
28	Mechanisms of Blockade of the Muscle-Type Nicotinic Receptor by Benzocaine, a Permanently Uncharged Local Anesthetic. Neuroscience, 2020, 439, 62-79.	1.1	4
29	(31) BW284c51 blocks nicotinic acetylcholine receptors transplanted to Xenopus oocytes. Chemico-Biological Interactions, 2005, 157-158, 404-406.	1.7	2
30	Pharmacology of Muscle-Type Nicotinic Receptors. , 2019, , 267-276.		0