

Eric BouÃ©-Grabot

List of Publications by Year in descending order

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218677

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#	ARTICLE	IF	CITATIONS
1	A Protein Kinase C Site Highly Conserved in P2X Subunits Controls the Desensitization Kinetics of P2X2 ATP-gated Channels. <i>Journal of Biological Chemistry</i> , 2000, 275, 10190-10195.	3.4	155
2	Nanobodies that block gating of the P2X7 ion channel ameliorate inflammation. <i>Science Translational Medicine</i> , 2016, 8, 366ra162.	12.4	139
3	Expression of GABA Receptor α -Subunits in Rat Brain. <i>Journal of Neurochemistry</i> , 1998, 70, 899-907.	3.9	131
4	PSD-95 expression controls L-DOPA dyskinesia through dopamine D1 receptor trafficking. <i>Journal of Clinical Investigation</i> , 2012, 122, 3977-3989.	8.2	110
5	ATP P2X Receptors Downregulate AMPA Receptor Trafficking and Postsynaptic Efficacy in Hippocampal Neurons. <i>Neuron</i> , 2014, 83, 417-430.	8.1	91
6	Functional and Biochemical Evidence for Heteromeric ATP-gated Channels Composed of P2X1 and P2X5 Subunits. <i>Journal of Biological Chemistry</i> , 1999, 274, 15415-15419.	3.4	84
7	Intracellular Cross Talk and Physical Interaction between Two Classes of Neurotransmitter-Gated Channels. <i>Journal of Neuroscience</i> , 2003, 23, 1246-1253.	3.6	79
8	Phosphoinositides Regulate P2X ₄ ATP-Gated Channels through Direct Interactions. <i>Journal of Neuroscience</i> , 2008, 28, 12938-12945.	3.6	78
9	Subunit-specific Coupling between β -Aminobutyric Acid Type A and P2X2 Receptor Channels. <i>Journal of Biological Chemistry</i> , 2004, 279, 52517-52525.	3.4	71
10	Functional Properties of Internalization-Deficient P2X4 Receptors Reveal a Novel Mechanism of Ligand-Gated Channel Facilitation by Ivermectin. <i>Molecular Pharmacology</i> , 2006, 69, 576-587.	2.3	71
11	Selective Inactivation of Striatal FosB/ Δ FosB-Expressing Neurons Alleviates L-DOPA-Induced Dyskinesia. <i>Biological Psychiatry</i> , 2016, 79, 354-361.	1.3	68
12	Modulation of Central Synapses by Astrocyte-Released ATP and Postsynaptic P2X Receptors. <i>Neural Plasticity</i> , 2017, 2017, 1-11.	2.2	62
13	Animal models of pain: Diversity and benefits. <i>Journal of Neuroscience Methods</i> , 2021, 348, 108997.	2.5	57
14	A β 2(R43Q) Mutation, Linked to Epilepsy in Humans, Alters GABA _A Receptor Assembly and Modifies Subunit Composition on the Cell Surface. <i>Journal of Biological Chemistry</i> , 2007, 282, 3819-3828.	3.4	55
15	Cross-talk and Co-trafficking between α 1/GABA Receptors and ATP-gated Channels. <i>Journal of Biological Chemistry</i> , 2004, 279, 6967-6975.	3.4	54
16	Cross-talk between P2X4 and β -Aminobutyric Acid, Type A Receptors Determines Synaptic Efficacy at a Central Synapse. <i>Journal of Biological Chemistry</i> , 2011, 286, 19993-20004.	3.4	53
17	Molecular and Electrophysiological Evidence for a GABA _C Receptor in Thyrotropin-Secreting Cells ¹ . <i>Endocrinology</i> , 2000, 141, 1627-1632.	2.8	48
18	P2X4 receptor channels form large noncytolytic pores in resting and activated microglia. <i>Glia</i> , 2012, 60, 728-737.	4.9	48

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19	An intracellular motif of P2X ₃ receptors is required for functional cross-talk with GABA _A receptors in nociceptive DRG neurons. <i>Journal of Neurochemistry</i> , 2007, 102, 1357-1368.	3.9	44
20	Aquaporin-4 Surface Trafficking Regulates Astrocytic Process Motility and Synaptic Activity in Health and Autoimmune Disease. <i>Cell Reports</i> , 2019, 27, 3860-3872.e4.	6.4	43
21	Unique Functional Properties of a Sensory Neuronal P2X ATP-Gated Channel from Zebrafish. <i>Journal of Neurochemistry</i> , 2002, 75, 1600-1607.	3.9	40
22	GAT-3 Dysfunction Generates Tonic Inhibition in External Globus Pallidus Neurons in Parkinsonian Rodents. <i>Cell Reports</i> , 2018, 23, 1678-1690.	6.4	39
23	An mRNA Encoding a Putative GABA-gated Chloride Channel Is Expressed in the Human Cardiac Conduction System. <i>Journal of Neurochemistry</i> , 1997, 68, 1382-1389.	3.9	33
24	Inhibition of P2X ₄ function by P2Y ₆ UDP receptors in microglia. <i>Glia</i> , 2013, 61, 2038-2049.	4.9	33
25	Increased surface P2X ₄ receptor regulates anxiety and memory in P2X ₄ internalization-defective knock-in mice. <i>Molecular Psychiatry</i> , 2021, 26, 629-644.	7.9	32
26	Agonist-dependent Endocytosis of γ -Aminobutyric Acid Type A (GABA _A) Receptors Revealed by a γ 2(R43Q) Epilepsy Mutation. <i>Journal of Biological Chemistry</i> , 2013, 288, 28254-28265.	3.4	30
27	Inhibitory Transmission in Locus Coeruleus Neurons Expressing GABA _A Receptor Epsilon Subunit Has a Number of Unique Properties. <i>Journal of Neurophysiology</i> , 2009, 102, 2312-2325.	1.8	26
28	Processed Pseudogenes Interfere with Reverse Transcriptase-Polymerase Chain Reaction Controls. <i>Analytical Biochemistry</i> , 1996, 237, 157-159.	2.4	25
29	Implication of Neuronal Versus Microglial P2X ₄ Receptors in Central Nervous System Disorders. <i>Neuroscience Bulletin</i> , 2020, 36, 1327-1343.	2.9	25
30	P2X-mediated AMPA receptor internalization and synaptic depression is controlled by two CaMKII phosphorylation sites on GluA1 in hippocampal neurons. <i>Scientific Reports</i> , 2016, 6, 31836.	3.3	24
31	Selective potentiation of homomeric P2X ₂ ionotropic ATP receptors by a fast non-genomic action of progesterone. <i>Neuropharmacology</i> , 2010, 58, 569-577.	4.1	22
32	Molecular diversity of GABA-gated chloride channels in the rat anterior pituitary. <i>Brain Research</i> , 1995, 704, 125-129.	2.2	21
33	A Dual Polybasic Motif Determines Phosphoinositide Binding and Regulation in the P2X Channel Family. <i>PLoS ONE</i> , 2012, 7, e40595.	2.5	18
34	Molecular and Electrophysiological Evidence for a GABA _C Receptor in Thyrotropin-Secreting Cells. <i>Endocrinology</i> , 2000, 141, 1627-1632.	2.8	18
35	A New Mechanism of Receptor Targeting by Interaction between Two Classes of Ligand-Gated Ion Channels. <i>Journal of Neuroscience</i> , 2016, 36, 1456-1470.	3.6	15
36	Cross-Talk between P2X and NMDA Receptors. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7187.	4.1	15

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37	P2X7 Receptors and TMEM16 Channels Are Functionally Coupled with Implications for Macropore Formation and Current Facilitation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6542.	4.1	10
38	Comparative Embryonic Spatio-Temporal Expression Profile Map of the Xenopus P2X Receptor Family. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 340.	3.7	9
39	Increased surface P2X4 receptors by mutant SOD1 proteins contribute to ALS pathogenesis in SOD1-G93A mice. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, .	5.4	8
40	Selective Knock-Down of P2X7ATP Receptor Function by Dominant-Negative Subunits. <i>Molecular Pharmacology</i> , 2004, 65, 646-654.	2.3	7
41	Interplay between ionotropic receptors modulates inhibitory synaptic strength. <i>Communicative and Integrative Biology</i> , 2011, 4, 706-709.	1.4	6
42	Role of Conserved Residues and F322 in the Extracellular Vestibule of the Rat P2X7 Receptor in Its Expression, Function and Dye Uptake Ability. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8446.	4.1	4
43	Editorial: Purinergic Signaling in Health and Disease. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 15.	3.7	3
44	Regulation of Intracellular pH in Rat Lactotrophs: Involvement of Anionic Exchangers*. <i>Endocrinology</i> , 1997, 138, 4191-4198.	2.8	2
45	Long distance effect on ligand-gated ion channels extracellular domain may affect interactions with the intracellular machinery. <i>Communicative and Integrative Biology</i> , 2014, 7, e27984.	1.4	2
46	P2X Electrophysiology and Surface Trafficking in Xenopus Oocytes. <i>Methods in Molecular Biology</i> , 2020, 2041, 243-259.	0.9	2
47	The enpp4 ectonucleotidase regulates kidney patterning signalling networks in Xenopus embryos. <i>Communications Biology</i> , 2021, 4, 1158.	4.4	0