

Philippe Brabet

List of Publications by Year in descending order

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47
papers

2,439
citations

257450

24
h-index

223800

46
g-index

48
all docs

48
docs citations

48
times ranked

2736
citing authors

#	ARTICLE	IF	CITATIONS
1	Ulcerative colitis and adenocarcinoma of the colon in $\text{G}\hat{\pm}\text{i}2$ -deficient mice. <i>Nature Genetics</i> , 1995, 10, 143-150.	21.4	390
2	Alternative Splicing in the N-terminal Extracellular Domain of the Pituitary Adenylate Cyclase-activating Polypeptide (PACAP) Receptor Modulates Receptor Selectivity and Relative Potencies of PACAP-27 and PACAP-38 in Phospholipase C Activation. <i>Journal of Biological Chemistry</i> , 1996, 271, 22146-22151.	3.4	205
3	Caspase Inhibitors, but not c-Jun NH2-Terminal Kinase Inhibitor Treatment, Prevent Cisplatin-Induced Hearing Loss. <i>Cancer Research</i> , 2004, 64, 9217-9224.	0.9	188
4	PAC1 receptor-deficient mice display impaired insulinotropic response to glucose and reduced glucose tolerance. <i>Journal of Clinical Investigation</i> , 2000, 105, 1307-1315.	8.2	175
5	Dissociation between Light-Induced Phase Shift of the Circadian Rhythm and Clock Gene Expression in Mice Lacking the Pituitary Adenylate Cyclase Activating Polypeptide Type 1 Receptor. <i>Journal of Neuroscience</i> , 2001, 21, 4883-4890.	3.6	154
6	Anti-inflammatory role in septic shock of pituitary adenylate cyclase-activating polypeptide receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 1053-1058.	7.1	114
7	The human OPA1delTTAG mutation induces premature age-related systemic neurodegeneration in mouse. <i>Brain</i> , 2012, 135, 3599-3613.	7.6	94
8	Pituitary Adenylate Cyclase-Activating Polypeptide Inhibits Food Intake in Mice Through Activation of the Hypothalamic Melanocortin System. <i>Neuropsychopharmacology</i> , 2009, 34, 424-435.	5.4	91
9	Altered Social Behavior in Pituitary Adenylate Cyclase-Activating Polypeptide Type I Receptor-Deficient Mice. <i>Journal of Neuroscience</i> , 2004, 24, 8786-8795.	3.6	74
10	Mutations in IMPG1 Cause Vitelliform Macular Dystrophies. <i>American Journal of Human Genetics</i> , 2013, 93, 571-578.	6.2	71
11	Expression of the Opa1 Mitochondrial Protein in Retinal Ganglion Cells: Its Downregulation Causes Aggregation of the Mitochondrial Network. , 2005, 46, 4288.		68
12	$\text{Gi}2?$ protein deficiency: A model for inflammatory bowel disease. <i>Journal of Clinical Immunology</i> , 1995, 15, S101-S105.	3.8	67
13	Deafness and Cochlear Fibrocyte Alterations in Mice Deficient for the Inner Ear Protein Otospiralin. <i>Molecular and Cellular Biology</i> , 2005, 25, 847-853.	2.3	59
14	Mild deficits in mice lacking pituitary adenylate cyclase-activating polypeptide receptor type 1 (PAC1) performing on memory tasks. <i>Molecular Brain Research</i> , 2000, 84, 79-89.	2.3	54
15	Mice lacking the PACAP type I receptor have impaired photic entrainment and negative masking. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 295, R2050-R2058.	1.8	45
16	VPAC2 Receptors Mediate Vasoactive Intestinal Peptide-Induced Neuroprotection against Neonatal Excitotoxic Brain Lesions in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 314, 745-752.	2.5	41
17	Screening Genes of the Retinoid Metabolism: Novel LRAT Mutation in Leber Congenital Amaurosis. <i>American Journal of Ophthalmology</i> , 2006, 142, 702-704.	3.3	39
18	Physiological and pathological roles of FATP-mediated lipid droplets in Drosophila and mice retina. <i>PLoS Genetics</i> , 2018, 14, e1007627.	3.5	38

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19	Pituitary Adenylate Cyclase-Activating Polypeptide Receptors Mediating Insulin Secretion in Rodent Pancreatic Islets Are Coupled to Adenylate Cyclase But Not to PLC. <i>Endocrinology</i> , 2002, 143, 1253-1259.	2.8	34
20	Neuroblastoma Differentiation Involves the Expression of Two Isoforms of the β -Subunit of Go. <i>Journal of Neurochemistry</i> , 1990, 54, 1310-1320.	3.9	32
21	Up-regulation of the PACAP type-1 receptor (PAC1) promoter by neurotrophins in rat PC12 cells and mouse cerebellar granule cells via the Ras/mitogen-activated protein kinase cascade. <i>Journal of Neurochemistry</i> , 2004, 82, 1199-1207.	3.9	31
22	New Lipophenol Antioxidants Reduce Oxidative Damage in Retina Pigment Epithelial Cells. <i>Antioxidants</i> , 2018, 7, 197.	5.1	29
23	Natural models for retinitis pigmentosa: progressive retinal atrophy in dog breeds. <i>Human Genetics</i> , 2019, 138, 441-453.	3.8	29
24	Disruption of the $Gi2\beta$ locus in embryonic stem cells and mice: a modified hit and run strategy with detection by a PCR dependent on gap repair. <i>Transgenic Research</i> , 1993, 2, 345-355.	2.4	27
25	Synthesis and Evaluation of Polyunsaturated Fatty Acid-Phenol Conjugates as Anti-Carbonyl Stress Lipophenols. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 4548-4561.	2.4	27
26	Induction of Type I PACAP Receptor Expression by the New Zinc Finger Protein Zac1 and p53. <i>Annals of the New York Academy of Sciences</i> , 1998, 865, 49-58.	3.8	24
27	A Truncated Form of Rod Photoreceptor PDE6 β -Subunit Causes Autosomal Dominant Congenital Stationary Night Blindness by Interfering with the Inhibitory Activity of the β -Subunit. <i>PLoS ONE</i> , 2014, 9, e95768.	2.5	24
28	Transcription of the mouse PAC1 receptor gene: cell-specific expression and regulation by Zac1. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2002, 1576, 157-162.	2.4	21
29	Multiple species and isoforms of Bordetella pertussis toxin substrates. <i>Biochemical and Biophysical Research Communications</i> , 1988, 152, 1185-1192.	2.1	19
30	Go, a major brain GTP binding protein in search of a function: purification, immunological and biochemical characteristics. <i>Biochimie</i> , 1987, 69, 339-349.	2.6	18
31	Granule Cell Survival is Deficient in PAC1 ^{+/+} Mutant Cerebellum. <i>Journal of Molecular Neuroscience</i> , 2008, 36, 38-44.	2.3	18
32	Fatp1 Deficiency Affects Retinal Light Response and Dark Adaptation, and Induces Age-Related Alterations. <i>PLoS ONE</i> , 2012, 7, e50231.	2.5	15
33	Phloroglucinol protects retinal pigment epithelium and photoreceptor against all-trans-retinal-induced toxicity and inhibits A2E formation. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 1651-1663.	3.6	14
34	New lipophenols prevent carbonyl and oxidative stresses involved in macular degeneration. <i>Free Radical Biology and Medicine</i> , 2021, 162, 367-382.	2.9	14
35	FATP1 Inhibits 11-cis Retinol Formation via Interaction with the Visual Cycle Retinoid Isomerase RPE65 and Lecithin:Retinol Acyltransferase. <i>Journal of Biological Chemistry</i> , 2010, 285, 18759-18768.	3.4	13
36	Localization of the Human Pituitary Adenylate Cyclase-Activating Polypeptide Receptor (PACAP1-R) Gene to 7p15-p14 by Fluorescence in Situ Hybridization. <i>Genomics</i> , 1996, 38, 100-102.	2.9	11

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37	Advanced late-onset retinitis pigmentosa with dominant-acting D477G RPE65 mutation is responsive to oral synthetic retinoid therapy. <i>BMJ Open Ophthalmology</i> , 2020, 5, e000462.	1.6	11
38	Isopropyl- α -phloroglucinol-DHA protects outer retinal cells against lethal dose of all- <i>trans</i> -retinal. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 5057-5069.	3.6	11
39	Simple and Efficient: Validation of a Cotton Wick Electrode for Animal Electroretinography. <i>Ophthalmic Research</i> , 2011, 45, 174-179.	1.9	9
40	Bis-allylic Deuterated DHA Alleviates Oxidative Stress in Retinal Epithelial Cells. <i>Antioxidants</i> , 2019, 8, 447.	5.1	8
41	Preclinical pharmacology of a lipophenol in a mouse model of light-induced retinopathy. <i>Experimental and Molecular Medicine</i> , 2020, 52, 1090-1101.	7.7	8
42	Targeting of the $Gi2\pm$ Gene in es cells with Replacement and Insertion Vectors. <i>Journal of Receptors and Signal Transduction</i> , 1993, 13, 619-637.	1.2	7
43	Fatty acid transport protein 1 regulates retinoid metabolism and photoreceptor development in mouse retina. <i>PLoS ONE</i> , 2017, 12, e0180148.	2.5	6
44	Formulation and Evaluation of SNEDDS Loaded with Original Lipophenol for the Oral Route to Prevent Dry AMD and Stragardt's Disease. <i>Pharmaceutics</i> , 2022, 14, 1029.	4.5	6
45	Screening genes of the visual cycle <i>RGR</i> , <i>RBP1</i> and <i>RBP3</i> identifies rare sequence variations. <i>Ophthalmic Genetics</i> , 2010, 31, 200-204.	1.2	3
46	Endogenous Pituitary Adenylate Cyclase-Activating Polypeptide (PACAP) Plays a Protective Effect Against Noise-Induced Hearing Loss. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 658990.	3.7	2
47	Retinitis Punctata Albescens and RLBP1-Allied Phenotypes. <i>Ophthalmology Science</i> , 2021, 1, 100052.	2.5	1