

Bruno Saubamea

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,864
citations

201674

27
h-index

265206

42
g-index

53
all docs

53
docs citations

53
times ranked

3068
citing authors

#	ARTICLE	IF	CITATIONS
1	Deletion of Astroglial Connexins Weakens the Blood–Brain Barrier. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 1457-1467.	4.3	185
2	Translation in astrocyte distal processes sets molecular heterogeneity at the gliovascular interface. <i>Cell Discovery</i> , 2017, 3, 17005.	6.7	130
3	Two-Dimensional Subrecoil Laser Cooling. <i>Physical Review Letters</i> , 1994, 73, 1915-1918.	7.8	106
4	Three-Dimensional Laser Cooling of Helium Beyond the Single-Photon Recoil Limit. <i>Physical Review Letters</i> , 1995, 75, 4194-4197.	7.8	104
5	In situ protein expression in tumour spheres: development of an immunostaining protocol for confocal microscopy. <i>BMC Cancer</i> , 2010, 10, 106.	2.6	67
6	Heterogeneity in the Rat Brain Vasculature Revealed by Quantitative Confocal Analysis of Endothelial Barrier Antigen and P-Glycoprotein Expression. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 81-92.	4.3	66
7	Opioid Transport by ATP-Binding Cassette Transporters at the Blood-Brain Barrier: Implications for Neuropsychopharmacology. <i>Current Pharmaceutical Design</i> , 2011, 17, 2829-2842.	1.9	63
8	Effect of chronic exposure to morphine on the rat blood–brain barrier: focus on the P-glycoprotein. <i>Journal of Neurochemistry</i> , 2008, 107, 647-657.	3.9	60
9	Cwp19 Is a Novel Lytic Transglycosylase Involved in Stationary-Phase Autolysis Resulting in Toxin Release in <i>Clostridium difficile</i> . <i>MBio</i> , 2018, 9, .	4.1	60
10	Priming Dental Pulp Stem Cells from Human Exfoliated Deciduous Teeth with Fibroblast Growth Factor-2 Enhances Mineralization Within Tissue-Engineered Constructs Implanted in Craniofacial Bone Defects. <i>Stem Cells Translational Medicine</i> , 2019, 8, 844-857.	3.3	56
11	Immune Quiescence of the Brain Is Set by Astroglial Connexin 43. <i>Journal of Neuroscience</i> , 2015, 35, 4427-4439.	3.6	55
12	Isolation and differential transcriptome of vascular smooth muscle cells and mid-capillary pericytes from the rat brain. <i>Scientific Reports</i> , 2018, 8, 12272.	3.3	55
13	Purification of Mouse Brain Vessels. <i>Journal of Visualized Experiments</i> , 2015, , e53208.	0.3	54
14	Loss of EBP50 stimulates EGFR activity to induce EMT phenotypic features in biliary cancer cells. <i>Oncogene</i> , 2012, 31, 1376-1388.	5.9	50
15	Blood–brain and retinal barriers show dissimilar ABC transporter impacts and concealed effect of P-glycoprotein on a novel verapamil influx carrier. <i>British Journal of Pharmacology</i> , 2016, 173, 497-510.	5.4	50
16	Coherent Manipulation of Atomic Wave Packets by Adiabatic Transfer. <i>Physical Review Letters</i> , 1997, 78, 4185-4188.	7.8	49
17	Direct Measurement of The Spatial Correlation Function of Ultracold Atoms. <i>Physical Review Letters</i> , 1997, 79, 3146-3149.	7.8	49
18	Cannabidiol Increases Proliferation, Migration, Tubulogenesis, and Integrity of Human Brain Endothelial Cells through TRPV2 Activation. <i>Molecular Pharmaceutics</i> , 2019, 16, 1312-1326.	4.6	44

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19	Modified Receptor Internalization upon Coexpression of 5-HT1B Receptor and 5-HT2B Receptors. <i>Molecular Pharmacology</i> , 2007, 71, 1463-1474.	2.3	43
20	Ezrin-Radixin-Moesin-Binding Phosphoprotein (EBP50), an Estrogen-Inducible Scaffold Protein, Contributes to Biliary Epithelial Cell Proliferation. <i>American Journal of Pathology</i> , 2009, 174, 869-880.	3.8	40
21	The Sarcoglycan complex is expressed in the cerebrovascular system and is specifically regulated by astroglial Cx30 channels. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 9.	3.7	35
22	Identification of plasma membrane autoantigens in autoimmune hepatitis type 1 using a proteomics tool. <i>Hepatology</i> , 2008, 47, 937-948.	7.3	34
23	Transport of Biogenic Amine Neurotransmitters at the Mouse Blood-Retina and Blood-Brain Barriers by Uptake1 and Uptake2. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 1989-2001.	4.3	34
24	Expression and function of Abcg4 in the mouse blood-brain barrier: role in restricting the brain entry of amyloid- β peptide. <i>Scientific Reports</i> , 2017, 7, 13393.	3.3	34
25	Neuroglobin Gene Therapy Prevents Optic Atrophy and Preserves Durably Visual Function in Harlequin Mice. <i>Molecular Therapy</i> , 2014, 22, 1096-1109.	8.2	30
26	Human very Small Embryonic-like Cells Support Vascular Maturation and Therapeutic Revascularization Induced by Endothelial Progenitor Cells. <i>Stem Cell Reviews and Reports</i> , 2017, 13, 552-560.	5.6	29
27	Experimental Investigation of Nonergodic Effects in Subrecoil Laser Cooling. <i>Physical Review Letters</i> , 1999, 83, 3796-3799.	7.8	27
28	Egfl7 Represses the Vasculogenic Potential of Human Endothelial Progenitor Cells. <i>Stem Cell Reviews and Reports</i> , 2018, 14, 82-91.	5.6	26
29	Transcriptome Analysis of PPAR β Target Genes Reveals the Involvement of Lysyl Oxidase in Human Placental Cytotrophoblast Invasion. <i>PLoS ONE</i> , 2013, 8, e79413.	2.5	23
30	Bioprosthetic Total Artificial Heart Induces a Profile of Acquired Hemocompatibility With Membranes Recellularization. <i>Journal of the American College of Cardiology</i> , 2017, 70, 404-406.	2.8	23
31	Hypoxia interferes with aryl hydrocarbon receptor pathway in hCMEC/D3 human cerebral microvascular endothelial cells. <i>Journal of Neurochemistry</i> , 2015, 132, 373-383.	3.9	22
32	Airway Mucus Restricts Neisseria meningitidis Away from Nasopharyngeal Epithelial Cells and Protects the Mucosa from Inflammation. <i>MSphere</i> , 2019, 4, .	2.9	20
33	Megalencephalic leukoencephalopathy with subcortical cysts is a developmental disorder of the gliovascular unit. <i>ELife</i> , 2021, 10, .	6.0	19
34	Dual Effects of Resveratrol on Arterial Damage Induced By Insulin Resistance in Aged Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014, 69A, 260-269.	3.6	17
35	Gender and strain contributions to the variability of buprenorphine-related respiratory toxicity in mice. <i>Toxicology</i> , 2013, 305, 99-108.	4.2	14
36	The functional dlt operon of <i>Clostridium butyricum</i> controls the d-alanylation of cell wall components and influences cell septation and vancomycin-induced lysis. <i>Anaerobe</i> , 2015, 35, 105-114.	2.1	12

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37	Molecular and Functional Study of Transient Receptor Potential Vanilloid 1-4 at the Rat and Human Bloodâ€‘Brain Barrier Reveals Interspecies Differences. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 578514.	3.7	11
38	[11C]bexlopatone brain kinetics is not influenced by Bcrp function at the bloodâ€‘brain barrier: A PET study using Bcrp TGEM knockout rats. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 50, 520-525.	4.0	10
39	Preparing the Astrocyte Perivascular Endfeet Transcriptome to Investigate Astrocyte Molecular Regulations at the Brainâ€‘Vascular Interface. <i>Methods in Molecular Biology</i> , 2019, 1938, 105-116.	0.9	10
40	Determination of sets of covarying gene expression using graph analysis on pairwise expression ratios. <i>Bioinformatics</i> , 2019, 35, 258-265.	4.1	9
41	Femtosecond and excimer laser-assisted endothelial keratoplasty (FELEK): A new technique of endothelial transplantation. <i>Journal Francais D'Ophtalmologie</i> , 2014, 37, 211-219.	0.4	8
42	Carbon Dioxide Laser Saturation Spectroscopy and the Hyperfine Structure of Monosubstituted Ozone ^{16O16O17O} and ^{16O17O16O} . <i>Journal of Molecular Spectroscopy</i> , 1998, 188, 142-147.	1.2	7
43	Low energy electron collisions on OCS: differential vibrational cross sections and Sâˆ’ production around 1 eV. <i>Chemical Physics</i> , 1994, 188, 339-345.	1.9	6
44	Exotic quantum dark states. <i>European Physical Journal D</i> , 1999, 7, 279.	1.3	4
45	Collision spectroscopy with aligned and oriented atoms. VII. Initial orbital alignment effects in H ₂ +Na (3p) resonant charge transfer. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1993, 26, L353-L358.	1.5	3
46	Modifications of physical and functional integrity of the blood-brain barrier in an inducible mouse model of neurodegeneration. <i>Neuropharmacology</i> , 2021, 191, 108588.	4.1	3
47	Endoglin Is an Endothelial Housekeeper against Inflammation: Insight in ECFC-Related Permeability through LIMK/Cofilin Pathway. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8837.	4.1	3
48	Evidence for intestinal heterogenic expression of di-tripeptides transporter PepT1 during experimental cryptosporidiosis in neonatal rats. <i>Parasitology Research</i> , 2009, 104, 985-991.	1.6	2
49	A new technique of endothelial graft: the femtosecond and excimer lasers-assisted endothelial keratoplasty (FELEK). <i>Acta Ophthalmologica</i> , 2013, 91, e497-e499.	1.1	2
50	Recent Advances in Subrecoil Laser Cooling. , 1994, , .		1
51	Comparative expression of lysyl oxidases in early and late first trimester placentas and their implication in villous trophoblast differentiation. <i>Placenta</i> , 2014, 35, A109.	1.5	0