Xavier Guillonneau

List of Publications by Year
in descending order

62 papers	2,356 citations	236925 25 h-index	223800 46 g-index
66 all docs	66 docs citations	66 times ranked	3232 citing authors

#	Article	IF	Citations
1	Hypoxia Inhibits Subretinal Inflammation Resolution Thrombospondin-1 Dependently. International Journal of Molecular Sciences, 2022, 23, 681.	4.1	8
2	Modifications to the classical rat aortic ring model to allow vascular degeneration studies. STAR Protocols, 2021, 2, 100281.	1.2	2
3	Reproducing diabetic retinopathy features using newly developed human inducedâ€pluripotent stem cellâ€derived retinal MÃ¼ller glial cells. Glia, 2021, 69, 1679-1693.	4.9	11
4	Cover Image, Volume 69, Issue 7. Glia, 2021, 69, C1.	4.9	0
5	P2X7-deficiency improves plasticity and cognitive abilities in a mouse model of Tauopathy. Progress in Neurobiology, 2021, 206, 102139.	5.7	23
6	PDGF Receptor Alpha Signaling Is Key for MÃ¼ller Cell Homeostasis Functions. International Journal of Molecular Sciences, 2021, 22, 1174.	4.1	4
7	Inhibition of ocular neovascularization by novel anti-angiogenic compound. Experimental Eye Research, 2021, 213, 108861.	2.6	3
8	Glucagon-like Peptide 1 Receptor Agonists, Diabetic Retinopathy and Angiogenesis: The AngioSafe Type 2 Diabetes Study. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e1549-e1560.	3.6	45
9	IL-1Î² induces rod degeneration through the disruption of retinal glutamate homeostasis. Journal of Neuroinflammation, 2020, 17, 1.	7.2	172
10	The 10q26 Risk Haplotype of Age-Related Macular Degeneration Aggravates Subretinal Inflammation by Impairing Monocyte Elimination. Immunity, 2020, 53, 429-441.e8.	14.3	47
11	Insulin inhibits inflammation-induced cone death in retinal detachment. Journal of Neuroinflammation, 2020, 17, 358.	7.2	9
12	Disruption of profilin1 function suppresses developmental and pathological retinal neovascularization. Journal of Biological Chemistry, 2020, 295, 9618-9629.	3.4	11
13	Antagonist of nucleolin, N6L, inhibits neovascularization in mouse models of retinopathies. FASEB Journal, 2020, 34, 5851-5862.	0.5	10
14	Rescue of Defective Electroretinographic Responses in Dp71-Null Mice With AAV-Mediated Reexpression of Dp71. , 2020, 61, 11.		9
15	Mo-derived perivascular macrophage recruitment protects against endothelial cell death in retinal vein occlusion. Journal of Neuroinflammation, 2019, 16, 157.	7.2	18
16	Expression and localization of dystrophins and Î²-dystroglycan in the hypothalamic supraoptic nuclei of rat from birth to adulthood. Acta Histochemica, 2019, 121, 218-226.	1.8	7
17	CD36 Deficiency Inhibits Retinal Inflammation and Retinal Degeneration in Cx3cr1 Knockout Mice. Frontiers in Immunology, 2019, 10, 3032.	4.8	9
18	Evidence of the involvement of dystrophin Dp71 in corneal angiogenesis. Molecular Vision, 2019, 25, 714-721.	1.1	0

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19	Chronic exposure to tumor necrosis factor alpha induces retinal pigment epithelium cell dedifferentiation. Journal of Neuroinflammation, 2018, 15, 85.	7.2	25
20	Complement Factor H Inhibits CD47-Mediated Resolution of Inflammation. Immunity, 2017, 46, 261-272.	14.3	132
21	On phagocytes and macular degeneration. Progress in Retinal and Eye Research, 2017, 61, 98-128.	15.5	121
22	Col4a1 mutation generates vascular abnormalities correlated with neuronal damage in a mouse model of HANAC syndrome. Neurobiology of Disease, 2017, 100, 52-61.	4.4	9
23	Lebecetin, a Câ€type lectin, inhibits choroidal and retinal neovascularization. FASEB Journal, 2017, 31, 1107-1119.	0.5	17
24	Activated monocytes resist elimination by retinal pigment epithelium and downregulate their <scp>OTX</scp>2 expression via <scp>TNF</scp>â€Î±. Aging Cell, 2017, 16, 173-182.	6.7	37
25	Association of Choroidal Interleukin-17-Producing T Lymphocytes and Macrophages with Geographic Atrophy. Ophthalmologica, 2016, 236, 53-58.	1.9	12
26	Altered astrocyte morphology and vascular development in dystrophinâ€<scp>D</scp>p71â€null mice. Glia, 2016, 64, 716-729.	4.9	20
27	CC5 and CC8, two homologous disintegrins from Cerastes cerastes venom, inhibit in vitro and ex vivo angiogenesis. International Journal of Biological Macromolecules, 2016, 86, 670-680.	7.5	16
28	Subretinal mononuclear phagocytes induce cone segment loss via IL-1Î². ELife, 2016, 5, .	6.0	63
29	Apolipoprotein E promotes subretinal mononuclear phagocyte survival and chronic inflammation in ageâ€related macular degeneration. EMBO Molecular Medicine, 2015, 7, 211-226.	6.9	98
30	Experimental Branch Retinal Vein Occlusion Induces Upstream Pericyte Loss and Vascular Destabilization. PLoS ONE, 2015, 10, e0132644.	2.5	29
31	Upregulation of P2RX7 in<i>Cx3cr1</i>-Deficient Mononuclear Phagocytes Leads to Increased Interleukin-1Î² Secretion and Photoreceptor Neurodegeneration. Journal of Neuroscience, 2015, 35, 6987-6996.	3.6	77
32	Dystrophin Dp71 gene deletion induces retinal vascular inflammation and capillary degeneration. Human Molecular Genetics, 2015, 24, 3939-3947.	2.9	27
33	APOE Isoforms Control Pathogenic Subretinal Inflammation in Age-Related Macular Degeneration. Journal of Neuroscience, 2015, 35, 13568-13576.	3.6	75
34	Thinning of the RPE and choroid associated with T lymphocyte recruitment in aged and light-challenged mice. Molecular Vision, 2015, 21, 1051-9.	1.1	22
35	Involvement of Bcl-2-Associated Transcription Factor 1 in the Differentiation of Early-Born Retinal Cells. Journal of Neuroscience, 2014, 34, 1530-1541.	3.6	8
36	The familial dementia gene revisited: a missense mutation revealed by whole-exome sequencing identifies ITM2B as a candidate gene underlying a novel autosomal dominant retinal dystrophy in a large family. Human Molecular Genetics, 2014, 23, 491-501.	2.9	29

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37	Complement factor H and related proteins in age-related macular degeneration. Comptes Rendus - Biologies, 2014, 337, 178-184.	0.2	26
38	Photoreceptor toxicity of subretinal Mononuclear Phagocytes. Acta Ophthalmologica, 2014, 92, 0-0.	1.1	0
39	<scp>CCR</scp>2⁺ monocytes infiltrate atrophic lesions in ageâ€related macular disease and mediate photoreceptor degeneration in experimental subretinal inflammation in <i>Cx3cr1</i> deficient mice. EMBO Molecular Medicine, 2013, 5, 1775-1793.	6.9	245
40	Comment on â€œCcl2, Cx3cr1 and Ccl2/Cx3cr1 chemokine deficiencies are not sufficient to cause age-related retinal degenerationâ€• by Luhmann etÂ al. (Exp. Eye Res. 2013; 107: 80.doi: 10.1016). Experimental Eye Research, 2013, 111, 134-135.	2.6	9
41	Neonatal Hyperglycemia Inhibits Angiogenesis and Induces Inflammation and Neuronal Degeneration in the Retina. PLoS ONE, 2013, 8, e79545.	2.5	36
42	Delta-like 4 inhibits choroidal neovascularization despite opposing effects on vascular endothelium and macrophages. Angiogenesis, 2012, 15, 609-622.	7.2	24
43	MFGE8 Does Not Influence Chorio-Retinal Homeostasis or Choroidal Neovascularization in vivo. PLoS ONE, 2012, 7, e33244.	2.5	2
44	Temporal and spatial expression of CCN3 during retina development. Developmental Neurobiology, 2012, 72, 1363-1375.	3.0	6
45	A Regulatory Domain Is Required for Foxn4 Activity During Retinogenesis. Journal of Molecular Neuroscience, 2012, 46, 315-323.	2.3	6
46	Interleukin-1Î² Inhibition Prevents Choroidal Neovascularization and Does Not Exacerbate Photoreceptor Degeneration. American Journal of Pathology, 2011, 178, 2416-2423.	3.8	110
47	Ptf1a/Rbpj complex inhibits ganglion cell fate and drives the specification of all horizontal cell subtypes in the chick retina. Developmental Biology, 2011, 358, 296-308.	2.0	37
48	CCL2/CCR2 and CX3CL1/CX3CR1 chemokine axes and their possible involvement in age-related macular degeneration. Journal of Neuroinflammation, 2010, 7, 87.	7.2	81
49	TRPM1 Is Mutated in Patients with Autosomal-Recessive Complete Congenital Stationary Night Blindness. American Journal of Human Genetics, 2009, 85, 720-729.	6.2	207
50	CD36 Deficiency Leads to Choroidal Involution via COX2 Down-Regulation in Rodents. PLoS Medicine, 2008, 5, e39.	8.4	64
51	Use of suppression subtractive hybridization to identify genes regulated by ciliary neurotrophic factor in postnatal retinal explants. Molecular Vision, 2007, 13, 206-19.	1.1	15
52	Involvement of Pleiotrophin in CNTF-mediated differentiation of the late retinal progenitor cells. Developmental Biology, 2006, 298, 527-539.	2.0	32
53	Regulation of FGF soluble receptor type 1 (SR1) expression and distribution in developing, degenerating, and FGF2-treated retina. , 2000, 217, 24-36.		4
54	Regulation of proliferation-survival decisions is controlled by FGF1 secretion in retinal pigmented epithelial cells. Oncogene, 2000, 19, 4917-4929.	5.9	23

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55	Des cellules souches dans la rÃ©tine de mammifÃ¨res adultes.. Medecine/Sciences, 2000, 16, 998.	0.2	0
56	Both FGF1 and Bcl-x synthesis are necessary for the reduction of apoptosis in retinal pigmented epithelial cells by FGF2: role of the extracellular signal-regulated kinase 2. Oncogene, 1999, 18, 7584-7593.	5.9	55
57	RÃ©tinite pigmentaire 1 : caractÃ©risation du gÃ¨ne.. Medecine/Sciences, 1999, 15, 1313.	0.2	0
58	Paracrine Effects of Phosphorylated and Excreted FGF1 by Retinal Pigmented Epithelial Cells. Growth Factors, 1998, 15, 95-112.	1.7	19
59	Endogenous FGF1-induced Activation and Synthesis of Extracellular Signal-regulated Kinase 2 Reduce Cell Apoptosis in Retinal-pigmented Epithelial Cells. Journal of Biological Chemistry, 1998, 273, 22367-22373.	3.4	40
60	Fibroblast Growth Factor (FGF) Soluble Receptor 1 Acts as a Natural Inhibitor of FGF2 Neurotrophic Activity during Retinal Degeneration. Molecular Biology of the Cell, 1998, 9, 2785-2802.	2.1	50
61	FGF2-Stimulated Release of Endogenous FGF1 Is Associated with Reduced Apoptosis in Retinal Pigmented Epithelial Cells. Experimental Cell Research, 1997, 233, 198-206.	2.6	27
62	In vitro changes in plasma membrane heparan sulfate proteoglycans and in perlecan expression participate in the regulation of fibroblast growth factor 2 mitogenic activity. , 1996, 166, 170-187.		28