

Przemyslaw Sapieha

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6784190/przemyslaw-sapieha-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

62

papers

3,841

citations

32

h-index

61

g-index

65

ext. papers

4,594

ext. citations

13.3

avg, IF

5.11

L-index

#	Paper	IF	Citations
62	Quantification of oxygen-induced retinopathy in the mouse: a model of vessel loss, vessel regrowth and pathological angiogenesis. <i>Nature Protocols</i> , 2009 , 4, 1565-73	18.8	451
61	The mouse retina as an angiogenesis model 2010 , 51, 2813-26		430
60	The succinate receptor GPR91 in neurons has a major role in retinal angiogenesis. <i>Nature Medicine</i> , 2008 , 14, 1067-76	50.5	267
59	5-Lipoxygenase metabolite 4-HDHA is a mediator of the antiangiogenic effect of ω polyunsaturated fatty acids. <i>Science Translational Medicine</i> , 2011 , 3, 69ra12	17.5	172
58	Retinopathy of prematurity: understanding ischemic retinal vasculopathies at an extreme of life. <i>Journal of Clinical Investigation</i> , 2010 , 120, 3022-32	15.9	171
57	Ischemic neurons prevent vascular regeneration of neural tissue by secreting semaphorin 3A. <i>Blood</i> , 2011 , 117, 6024-35	2.2	136
56	Retinal lipid and glucose metabolism dictates angiogenesis through the lipid sensor Ffar1. <i>Nature Medicine</i> , 2016 , 22, 439-45	50.5	127
55	Senescence-associated secretory phenotype contributes to pathological angiogenesis in retinopathy. <i>Science Translational Medicine</i> , 2016 , 8, 362ra144	17.5	124
54	Computer-aided quantification of retinal neovascularization. <i>Angiogenesis</i> , 2009 , 12, 297-301	10.6	119
53	Proliferative retinopathies: angiogenesis that blinds. <i>International Journal of Biochemistry and Cell Biology</i> , 2010 , 42, 5-12	5.6	105
52	Neuron-derived semaphorin 3A is an early inducer of vascular permeability in diabetic retinopathy via neuropilin-1. <i>Cell Metabolism</i> , 2013 , 18, 505-18	24.6	91
51	ER Stress and Angiogenesis. <i>Cell Metabolism</i> , 2015 , 22, 560-75	24.6	89
50	Complement Factor H Inhibits CD47-Mediated Resolution of Inflammation. <i>Immunity</i> , 2017 , 46, 261-272	32.3	84
49	On phagocytes and macular degeneration. <i>Progress in Retinal and Eye Research</i> , 2017 , 61, 98-128	20.5	80
48	Neurovascular cross talk in diabetic retinopathy: Pathophysiological roles and therapeutic implications. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016 , 311, H738-49	5.2	79
47	Cellular Senescence in Postmitotic Cells: Beyond Growth Arrest. <i>Trends in Cell Biology</i> , 2018 , 28, 595-607	18.3	78
46	Short communication: PPAR gamma mediates a direct antiangiogenic effect of omega 3-PUFAs in proliferative retinopathy. <i>Circulation Research</i> , 2010 , 107, 495-500	15.7	77

45	Gut microbiota influences pathological angiogenesis in obesity-driven choroidal neovascularization. <i>EMBO Molecular Medicine</i> , 2016 , 8, 1366-1379	12	75
44	Eyeing central neurons in vascular growth and reparative angiogenesis. <i>Blood</i> , 2012 , 120, 2182-94	2.2	74
43	Postnatal weight gain modifies severity and functional outcome of oxygen-induced proliferative retinopathy. <i>American Journal of Pathology</i> , 2010 , 177, 2715-23	5.8	67
42	Resveratrol inhibits pathologic retinal neovascularization in Vldlr(-/-) mice 2011 , 52, 2809-16		65
41	MicroRNA signatures in vitreous humour and plasma of patients with exudative AMD. <i>Oncotarget</i> , 2016 , 7, 19171-84	3.3	58
40	Neuronal ER stress impedes myeloid-cell-induced vascular regeneration through IRE1 α degradation of netrin-1. <i>Cell Metabolism</i> , 2013 , 17, 353-71	24.6	55
39	Systemic inflammation perturbs developmental retinal angiogenesis and neuroretinal function 2013 , 54, 8125-39		53
38	Neuropilin-1 mediates myeloid cell chemoattraction and influences retinal neuroimmune crosstalk. <i>Journal of Clinical Investigation</i> , 2014 , 124, 4807-22	15.9	52
37	Neutrophil extracellular traps target senescent vasculature for tissue remodeling in retinopathy. <i>Science</i> , 2020 , 369,	33.3	49
36	Subcellular localization of coagulation factor II receptor-like 1 in neurons governs angiogenesis. <i>Nature Medicine</i> , 2014 , 20, 1165-73	50.5	46
35	Omega-3 polyunsaturated fatty acids preserve retinal function in type 2 diabetic mice. <i>Nutrition and Diabetes</i> , 2012 , 2, e36	4.7	43
34	p75NTR and Its Ligand ProNGF Activate Paracrine Mechanisms Etiological to the Vascular, Inflammatory, and Neurodegenerative Pathologies of Diabetic Retinopathy. <i>Journal of Neuroscience</i> , 2016 , 36, 8826-41	6.6	42
33	Semaphorin 3F forms an anti-angiogenic barrier in outer retina. <i>FEBS Letters</i> , 2013 , 587, 1650-5	3.8	36
32	NOTCH1 signaling induces pathological vascular permeability in diabetic retinopathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 4538-4547	11.5	34
31	In Vivo Laser-Mediated Retinal Ganglion Cell Optoporation Using K1.1 Conjugated Gold Nanoparticles. <i>Nano Letters</i> , 2018 , 18, 6981-6988	11.5	34
30	Cell-specific optoporation with near-infrared ultrafast laser and functionalized gold nanoparticles. <i>Nanoscale</i> , 2015 , 7, 17836-47	7.7	32
29	VEGF Requires the Receptor NRP-1 To Inhibit Lipopolysaccharide-Dependent Dendritic Cell Maturation. <i>Journal of Immunology</i> , 2016 , 197, 3927-3935	5.3	31
28	Neuropilin-1 expression in adipose tissue macrophages protects against obesity and metabolic syndrome. <i>Science Immunology</i> , 2018 , 3,	28	27

27	Ghrelin modulates physiologic and pathologic retinal angiogenesis through GHSR-1a 2011 , 52, 5376-86		27
26	Neuronal sirtuin1 mediates retinal vascular regeneration in oxygen-induced ischemic retinopathy. <i>Angiogenesis</i> , 2013 , 16, 985-92	10.6	26
25	Neuropilin-1-Expressing Microglia Are Associated With Nascent Retinal Vasculature Yet Dispensable for Developmental Angiogenesis 2016 , 57, 1530-6		26
24	Truncated netrin-1 contributes to pathological vascular permeability in diabetic retinopathy. <i>Journal of Clinical Investigation</i> , 2016 , 126, 3006-22	15.9	25
23	Omega-3 supplementation combined with anti-vascular endothelial growth factor lowers vitreal levels of vascular endothelial growth factor in wet age-related macular degeneration. <i>American Journal of Ophthalmology</i> , 2014 , 158, 1071-78	4.9	22
22	DNA sequence variants in PPARGC1A, a gene encoding a coactivator of the β LCPUFA sensing PPAR-RXR transcription complex, are associated with NV AMD and AMD-associated loci in genes of complement and VEGF signaling pathways. <i>PLoS ONE</i> , 2013 , 8, e53155	3.7	21
21	Retinal neurons curb inflammation and enhance revascularization in ischemic retinopathies via proteinase-activated receptor-2. <i>American Journal of Pathology</i> , 2015 , 185, 581-95	5.8	20
20	Neovascularization in retinopathy of prematurity: opposing actions of neuronal factors GPR91 and semaphorins 3A. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2012 , 101, 819-26	3.1	15
19	The effects of anti-VEGF and kinin B receptor blockade on retinal inflammation in laser-induced choroidal neovascularization. <i>British Journal of Pharmacology</i> , 2020 , 177, 1949-1966	8.6	13
18	The 10q26 Risk Haplotype of Age-Related Macular Degeneration Aggravates Subretinal Inflammation by Impairing Monocyte Elimination. <i>Immunity</i> , 2020 , 53, 429-441.e8	32.3	13
17	Anti-proliferative and anti-tumour effects of lymphocyte-derived microparticles are neither species- nor tumour-type specific. <i>Journal of Extracellular Vesicles</i> , 2014 , 3,	16.4	11
16	Pathological angiogenesis in retinopathy engages cellular senescence and is amenable to therapeutic elimination via BCL-xL inhibition. <i>Cell Metabolism</i> , 2021 , 33, 818-832.e7	24.6	10
15	SYK is a target of lymphocyte-derived microparticles in the induction of apoptosis of human retinoblastoma cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015 , 20, 1613-22	5.4	8
14	Effect of human very low-density lipoproteins on cardiotrophin-like cytokine factor 1 (CLCF1) activity. <i>Scientific Reports</i> , 2018 , 8, 3990	4.9	8
13	Nogo-A inhibits vascular regeneration in ischemic retinopathy. <i>Glia</i> , 2018 , 66, 2079-2093	9	8
12	RELi protocol: Optimization for protein extraction from white, brown and beige adipose tissues. <i>MethodsX</i> , 2019 , 6, 918-928	1.9	7
11	Assessment of vascular regeneration in the CNS using the mouse retina. <i>Journal of Visualized Experiments</i> , 2014 , e51351	1.6	5
10	Starvation-induced proteasome assemblies in the nucleus link amino acid supply to apoptosis. <i>Nature Communications</i> , 2021 , 12, 6984	17.4	5

9	Evaluation of the vitreous microbial contamination rate in office-based three-port microincision vitrectomy surgery using Retrector technology. <i>BMC Ophthalmology</i> , 2014 , 14, 58	2.3	4
8	Retinal Vascular Development. <i>Essentials in Ophthalmology</i> , 2016 , 1-19	0.2	3
7	Netrin-1 - DCC Signaling Systems and Age-Related Macular Degeneration. <i>PLoS ONE</i> , 2015 , 10, e0125548	3.7	2
6	Myeloid-resident neuropilin-1 promotes choroidal neovascularization while mitigating inflammation. <i>EMBO Molecular Medicine</i> , 2021 , 13, e11754	12	2
5	miR-106b suppresses pathological retinal angiogenesis. <i>Aging</i> , 2020 , 12, 24836-24852	5.6	1
4	eNOS controls angiogenic sprouting and retinal neovascularization through the regulation of endothelial cell polarity.. <i>Cellular and Molecular Life Sciences</i> , 2021 , 79, 1	10.3	1
3	It is time for a moonshot to find "Cures" for diabetic retinal disease.. <i>Progress in Retinal and Eye Research</i> , 2022 , 101051	20.5	0
2	The Insulin/IGF-1 System in Neurodegeneration and Neurovascular Disease 2011 , 171-187		
1	Myeloid-resident neuropilin-1 influences brown adipose tissue in obesity. <i>Scientific Reports</i> , 2021 , 11, 15767	4.9	