Przemyslaw Sapieha

List of Publications by Year in Descending Order

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	It is time for a moonshot to find "Cures" for diabetic retinal disease.. *Progress in Retinal and Eye Research*, **2022**, 101051	20.5	0
61	Starvation-induced proteasome assemblies in the nucleus link amino acid supply to apoptosis. *Nature Communications*, **2021**, 12, 6984	17.4	5
60	Myeloid-resident neuropilin-1 promotes choroidal neovascularization while mitigating inflammation. *EMBO Molecular Medicine*, **2021**, 13, e11754	12	2
59	Pathological angiogenesis in retinopathy engages cellular senescence and is amenable to therapeutic elimination via BCL-xL inhibition. *Cell Metabolism*, **2021**, 33, 818-832.e7	24.6	10
58	Myeloid-resident neuropilin-1 influences brown adipose tissue in obesity. *Scientific Reports*, **2021**, 11, 15767	4.9	
57	eNOS controls angiogenic sprouting and retinal neovascularization through the regulation of endothelial cell polarity.. *Cellular and Molecular Life Sciences*, **2021**, 79, 1	10.3	1
56	miR-106b suppresses pathological retinal angiogenesis. *Aging*, **2020**, 12, 24836-24852	5.6	1
55	The effects of anti-VEGF and kinin B receptor blockade on retinal inflammation in laser-induced choroidal neovascularization. *British Journal of Pharmacology*, **2020**, 177, 1949-1966	8.6	13
54	The 10q26 Risk Haplotype of Age-Related Macular Degeneration Aggravates Subretinal Inflammation by Impairing Monocyte Elimination. *Immunity*, **2020**, 53, 429-441.e8	32.3	13
53	Neutrophil extracellular traps target senescent vasculature for tissue remodeling in retinopathy. *Science*, **2020**, 369,	33.3	49
52	RELi protocol: Optimization for protein extraction from white, brown and beige adipose tissues. *MethodsX*, **2019**, 6, 918-928	1.9	7
51	NOTCH1 signaling induces pathological vascular permeability in diabetic retinopathy. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 4538-4547	11.5	34
50	Effect of human very low-density lipoproteins on cardiotrophin-like cytokine factor 1 (CLCF1) activity. *Scientific Reports*, **2018**, 8, 3990	4.9	8
49	Cellular Senescence in Postmitotic Cells: Beyond Growth Arrest. *Trends in Cell Biology*, **2018**, 28, 595-607	18.3	78
48	Neuropilin-1 expression in adipose tissue macrophages protects against obesity and metabolic syndrome. *Science Immunology*, **2018**, 3,	28	27
47	Nogo-A inhibits vascular regeneration in ischemic retinopathy. *Glia*, **2018**, 66, 2079-2093	9	8
46	In Vivo Laser-Mediated Retinal Ganglion Cell Optoporation Using K1.1 Conjugated Gold Nanoparticles. *Nano Letters*, **2018**, 18, 6981-6988	11.5	34

45	Complement Factor H Inhibits CD47-Mediated Resolution of Inflammation. *Immunity*, **2017**, 46, 261-272	32.3	84
44	On phagocytes and macular degeneration. *Progress in Retinal and Eye Research*, **2017**, 61, 98-128	20.5	80
43	p75NTR and Its Ligand ProNGF Activate Paracrine Mechanisms Etiological to the Vascular, Inflammatory, and Neurodegenerative Pathologies of Diabetic Retinopathy. *Journal of Neuroscience*, **2016**, 36, 8826-41	6.6	42
42	Senescence-associated secretory phenotype contributes to pathological angiogenesis in retinopathy. *Science Translational Medicine*, **2016**, 8, 362ra144	17.5	124
41	Retinal lipid and glucose metabolism dictates angiogenesis through the lipid sensor Ffar1. *Nature Medicine*, **2016**, 22, 439-45	50.5	127
40	MicroRNA signatures in vitreous humour and plasma of patients with exudative AMD. *Oncotarget*, **2016**, 7, 19171-84	3.3	58
39	Retinal Vascular Development. *Essentials in Ophthalmology*, **2016**, 1-19	0.2	3
38	Truncated netrin-1 contributes to pathological vascular permeability in diabetic retinopathy. *Journal of Clinical Investigation*, **2016**, 126, 3006-22	15.9	25
37	Neuropilin-1-Expressing Microglia Are Associated With Nascent Retinal Vasculature Yet Dispensable for Developmental Angiogenesis **2016**, 57, 1530-6		26
36	Gut microbiota influences pathological angiogenesis in obesity-driven choroidal neovascularization. *EMBO Molecular Medicine*, **2016**, 8, 1366-1379	12	75
35	Neurovascular cross talk in diabetic retinopathy: Pathophysiological roles and therapeutic implications. *American Journal of Physiology - Heart and Circulatory Physiology*, **2016**, 311, H738-49	5.2	79
34	VEGF Requires the Receptor NRP-1 To Inhibit Lipopolysaccharide-Dependent Dendritic Cell Maturation. *Journal of Immunology*, **2016**, 197, 3927-3935	5.3	31
33	SYK is a target of lymphocyte-derived microparticles in the induction of apoptosis of human retinoblastoma cells. *Apoptosis: an International Journal on Programmed Cell Death*, **2015**, 20, 1613-22	5.4	8
32	ER Stress and Angiogenesis. *Cell Metabolism*, **2015**, 22, 560-75	24.6	89
31	Cell-specific optoporation with near-infrared ultrafast laser and functionalized gold nanoparticles. *Nanoscale*, **2015**, 7, 17836-47	7.7	32
30	Retinal neurons curb inflammation and enhance revascularization in ischemic retinopathies via proteinase-activated receptor-2. *American Journal of Pathology*, **2015**, 185, 581-95	5.8	20
29	Netrin-1 - DCC Signaling Systems and Age-Related Macular Degeneration. *PLoS ONE*, **2015**, 10, e0125548	3.7	2
28	Omega-3 supplementation combined with anti-vascular endothelial growth factor lowers vitreal levels of vascular endothelial growth factor in wet age-related macular degeneration. *American Journal of Ophthalmology*, **2014**, 158, 1071-78	4.9	22

27	Subcellular localization of coagulation factor II receptor-like 1 in neurons governs angiogenesis. *Nature Medicine*, **2014**, 20, 1165-73	50.5	46
26	Evaluation of the vitreous microbial contamination rate in office-based three-port microincision vitrectomy surgery using Retrector technology. *BMC Ophthalmology*, **2014**, 14, 58	2.3	4
25	Anti-proliferative and anti-tumour effects of lymphocyte-derived microparticles are neither species- nor tumour-type specific. *Journal of Extracellular Vesicles*, **2014**, 3,	16.4	11
24	Assessment of vascular regeneration in the CNS using the mouse retina. *Journal of Visualized Experiments*, **2014**, e51351	1.6	5
23	Neuropilin-1 mediates myeloid cell chemoattraction and influences retinal neuroimmune crosstalk. *Journal of Clinical Investigation*, **2014**, 124, 4807-22	15.9	52
22	Semaphorin 3F forms an anti-angiogenic barrier in outer retina. *FEBS Letters*, **2013**, 587, 1650-5	3.8	36
21	Neuronal ER stress impedes myeloid-cell-induced vascular regeneration through IRE1 degradation of netrin-1. *Cell Metabolism*, **2013**, 17, 353-71	24.6	55
20	Neuron-derived semaphorin 3A is an early inducer of vascular permeability in diabetic retinopathy via neuropilin-1. *Cell Metabolism*, **2013**, 18, 505-18	24.6	91
19	Neuronal sirtuin1 mediates retinal vascular regeneration in oxygen-induced ischemic retinopathy. *Angiogenesis*, **2013**, 16, 985-92	10.6	26
18	Systemic inflammation perturbs developmental retinal angiogenesis and neuroretinal function **2013**, 54, 8125-39		53
17	DNA sequence variants in PPARGC1A, a gene encoding a coactivator of the LCPUFA sensing PPAR-RXR transcription complex, are associated with NV AMD and AMD-associated loci in genes of complement and VEGF signaling pathways. *PLoS ONE*, **2013**, 8, e53155	3.7	21
16	Neovascularization in retinopathy of prematurity: opposing actions of neuronal factors GPR91 and semaphorins 3A. *Acta Paediatrica, International Journal of Paediatrics*, **2012**, 101, 819-26	3.1	15
15	Eyeing central neurons in vascular growth and reparative angiogenesis. *Blood*, **2012**, 120, 2182-94	2.2	74
14	Omega-3 polyunsaturated fatty acids preserve retinal function in type 2 diabetic mice. *Nutrition and Diabetes*, **2012**, 2, e36	4.7	43
13	Ghrelin modulates physiologic and pathologic retinal angiogenesis through GHSR-1a **2011**, 52, 5376-86		27
12	Resveratrol inhibits pathologic retinal neovascularization in Vldlr(-/-) mice **2011**, 52, 2809-16		65
11	Ischemic neurons prevent vascular regeneration of neural tissue by secreting semaphorin 3A. *Blood* , **2011**, 117, 6024-35	2.2	136
10	The Insulin/IGF-1 System in Neurodegeneration and Neurovascular Disease **2011**, 171-187		

9	5-Lipoxygenase metabolite 4-HDHA is a mediator of the antiangiogenic effect of ω3 polyunsaturated fatty acids. *Science Translational Medicine*, **2011**, 3, 69ra12	17.5	172
8	Short communication: PPAR gamma mediates a direct antiangiogenic effect of omega 3-PUFAs in proliferative retinopathy. *Circulation Research*, **2010**, 107, 495-500	15.7	77
7	Proliferative retinopathies: angiogenesis that blinds. *International Journal of Biochemistry and Cell Biology*, **2010**, 42, 5-12	5.6	105
6	Postnatal weight gain modifies severity and functional outcome of oxygen-induced proliferative retinopathy. *American Journal of Pathology*, **2010**, 177, 2715-23	5.8	67
5	The mouse retina as an angiogenesis model **2010**, 51, 2813-26		430
4	Retinopathy of prematurity: understanding ischemic retinal vasculopathies at an extreme of life. *Journal of Clinical Investigation*, **2010**, 120, 3022-32	15.9	171
3	Computer-aided quantification of retinal neovascularization. *Angiogenesis*, **2009**, 12, 297-301	10.6	119
2	Quantification of oxygen-induced retinopathy in the mouse: a model of vessel loss, vessel regrowth and pathological angiogenesis. *Nature Protocols*, **2009**, 4, 1565-73	18.8	451
1	The succinate receptor GPR91 in neurons has a major role in retinal angiogenesis. *Nature Medicine*, **2008**, 14, 1067-76	50.5	267