

# Richard H W Funk

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

345  
citations

933447

10  
h-index

839539

18  
g-index

21  
all docs

21  
docs citations

21  
times ranked

556  
citing authors

#	ARTICLE	IF	CITATIONS
1	A short review on the influence of magnetic fields on neurological diseases. <i>Frontiers in Bioscience - Scholar</i> , 2021, 13, 181.	2.1	7
2	VEGF-Trap is a potent modulator of vasoregenerative responses and protects dopaminergic amacrine network integrity in degenerative ischemic neovascular retinopathy. <i>Journal of Neurochemistry</i> , 2020, 153, 390-412.	3.9	10
3	Photobiomodulation Mediates Neuroprotection against Blue Light Induced Retinal Photoreceptor Degeneration. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2370.	4.1	30
4	The human platysma contains numerous muscle spindles. <i>Journal of Anatomy</i> , 2018, 232, 146-151.	1.5	15
5	Alternative Routes to Perfuse the Optic Nerve Head. , 2017, 58, 3575.		0
6	Improved Imaging of Magnetically Labeled Cells Using Rotational Magnetomotive Optical Coherence Tomography. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 444.	2.5	6
7	Effects of Narrow-band IR and of Water-Filtered Infrared A on Fibroblasts. <i>Photochemistry and Photobiology</i> , 2016, 92, 475-487.	2.5	7
8	Stress responses of human retinal pigment epithelial cells to glyoxal. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2016, 254, 2361-2372.	1.9	11
9	Imaging of nanoparticle-labeled stem cells using magnetomotive optical coherence tomography, laser speckle reflectometry, and light microscopy. <i>Journal of Biomedical Optics</i> , 2015, 20, 036018.	2.6	7
10	Thermo-responsive cell culture carriers based on poly(vinyl methyl ether)-the effect of biomolecular ligands to balance cell adhesion and stimulated detachment. <i>Science and Technology of Advanced Materials</i> , 2015, 16, 045003.	6.1	15
11	Sutureless Fixation of Amniotic Membrane for Therapy of Ocular Surface Disorders. <i>PLoS ONE</i> , 2015, 10, e0125035.	2.5	27
12	Potent Stimulation of Blood Flow in Fingers of Volunteers after Local Short-Term Treatment with Low-Frequency Magnetic Fields from a Novel Device. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-9.	1.2	9
13	Phospho-NHE3 forms membrane patches and interacts with beta-actin to sense and maintain constant direction during cell migration. <i>Experimental Cell Research</i> , 2014, 324, 13-29.	2.6	14
14	NHE3 phosphorylation via PKC $\zeta$ marks the polarity and orientation of directionally migrating cells. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 4653-4663.	5.4	10
15	Tissue Engineering of the Corneal Endothelium: A Review of Carrier Materials. <i>Journal of Functional Biomaterials</i> , 2013, 4, 178-208.	4.4	33
16	Hyperspectral imaging - A new modality for eye diagnostics. <i>Biomedizinische Technik</i> , 2012, 57, .	0.8	12
17	Effects of Temperature and Water-Filtered Infrared-A Alone or in Combination on Healthy and Glyoxal-Stressed Fibroblast Cultures. <i>Oxidative Medicine and Cellular Longevity</i> , 2012, 2012, 1-8.	4.0	5
18	Author Response: Effects of Fibroblastic and Endothelial Extracellular Matrices on Corneal Endothelial Cells. , 2010, 51, 6906.		0

#	ARTICLE	IF	CITATIONS
19	Effects of advanced glycation end productsâ€”inductor glyoxal and hydrogen peroxide as oxidative stress factors on rat retinal organ cultures and neuroprotection by UKâ€”14,304. Journal of Neurochemistry, 2008, 106, 1876-1887.	3.9	19
20	Immunohistochemical investigations on the differentiation marker protein E11 in rat calvaria, calvaria cell culture and the osteoblastic cell line ROS 17/2.8. Histochemistry and Cell Biology, 1999, 111, 61-69.	1.7	70
21	Characterisation of caveolins from cartilage: expression of caveolin-1, -2 and -3 in chondrocytes and in alginate cell culture of the rat tibia. Histochemistry and Cell Biology, 1999, 112, 41-49.	1.7	38