Yossi Mandel

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1457051/publications.pdf

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27	1,101	933447	610901
papers	citations	10	24
		h-index	g-index

27	27	27	1666
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cortical responses to prosthetic retinal stimulation are significantly affected by the light-adaptive state of the surrounding normal retina. Journal of Neural Engineering, 2021, 18, 026024.	3.5	1
2	Evaluation and Optimization of Methods for Generating High-Resolution Retinotopic Maps Using Visual Cortex Voltage-Sensitive Dye Imaging. Frontiers in Cellular Neuroscience, 2021, 15, 713538.	3.7	0
3	SEM/FIB Imaging for Studying Neural Interfaces. Developmental Neurobiology, 2020, 80, 305-315.	3.0	5
4	Cortical Interactions between Prosthetic and Natural Vision. Current Biology, 2020, 30, 176-182.e2.	3.9	8
5	A dichoptic presentation device and a method for measuring binocular temporal function in the visual system. Experimental Eye Research, 2020, 201, 108290.	2.6	5
6	Carbon nanostructures as a scaffold for human embryonic stem cell differentiation toward photoreceptor precursors. Nanoscale, 2020, 12, 18918-18930.	5.6	7
7	Ballistic Eye Protection: Why Are Soldiers Reluctant to Use Them?. Military Medicine, 2019, 184, e211-e216.	0.8	2
8	Antiâ€VEGFâ€Aptamer Modified Câ€Dotsâ€”A Hybrid Nanocomposite for Topical Treatment of Ocular Vascular Disorders. Small, 2019, 15, e1902776.	10.0	49
9	Gold nanoparticles for multimodal high-resolution imaging of transplanted cells for retinal replacement therapy. Nanomedicine, 2019, 14, 1857-1871.	3.3	33
10	Spatial visual function in anomalous trichromats: Is less more?. PLoS ONE, 2019, 14, e0209662.	2.5	8
11	Interfacing the Cell with â€œBiomimetic Membrane Proteinsâ€• Small, 2019, 15, e1903006.	10.0	7
12	An optimized protocol for generating labeled and transplantable photoreceptor precursors from human embryonic stem cells. Experimental Eye Research, 2019, 180, 29-38.	2.6	12
13	Endovascular Electrical Stimulationâ€”A Novel Hemorrhage Control Technique. IEEE Transactions on Biomedical Engineering, 2019, 66, 2072-2080.	4.2	2
14	High-resolution VSDI retinotopic mapping via a DLP-based projection system. Biomedical Optics Express, 2019, 10, 5117.	2.9	2
15	Active photonic sensing for super-resolved reading performance in simulated prosthetic vision. Biomedical Optics Express, 2019, 10, 1081.	2.9	1
16	Glucose-Responsive Metalâ€“Organic-Framework Nanoparticles Act as â€œSmartâ€•Sense-and-Treat Carriers. ACS Nano, 2018, 12, 7538-7545.	14.6	203
17	Mechanisms of electrical vasoconstriction. Journal of NeuroEngineering and Rehabilitation, 2018, 15, 43.	4.6	15
18	Evaluation of Critical Flicker-Fusion Frequency Measurement Methods for the Investigation of Visual Temporal Resolution. Scientific Reports, 2017, 7, 15621.	3.3	44

#	Article	IF	Citations
19	Head mounted DMD based projection system for natural and prosthetic visual stimulation in freely moving rats. Scientific Reports, 2016, 6, 34873.	3.3	8
20	Endovascular Electrodes for Electrical Stimulation of Blood Vessels for Vasoconstriction â€“ a Finite Element Simulation Study. Scientific Reports, 2016, 6, 31507.	3.3	4
21	Development of Animal Models of Local Retinal Degeneration. , 2015, 56, 4644.		23
22	Performance of photovoltaic arrays in-vivo and characteristics of prosthetic vision in animals with retinal degeneration. Vision Research, 2015, 111, 142-148.	1.4	79
23	Photovoltaic restoration of sight with high visual acuity. Nature Medicine, 2015, 21, 476-482.	30.7	296
24	An implantable microfluidic device for self-monitoring of intraocular pressure. Nature Medicine, 2014, 20, 1074-1078.	30.7	139
25	Cortical responses elicited by photovoltaic subretinal prostheses exhibit similarities to visually evoked potentials. Nature Communications, 2013, 4, 1980.	12.8	117
26	Vasoconstriction by Electrical Stimulation: New Approach to Control of Non-Compressible Hemorrhage. Scientific Reports, 2013, 3, 2111.	3.3	24
27	Irreversible Electroporation of Human Primary Uveal Melanoma in Enucleated Eyes. PLoS ONE, 2013, 8, e71789.	2.5	7