

Yossi Mandel

List of Publications by Year in descending order

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

Version: 2024-02-01

27
papers

1,101
citations

933447

10
h-index

610901

24
g-index

27
all docs

27
docs citations

27
times ranked

1666
citing authors

#	ARTICLE	IF	CITATIONS
1	Photovoltaic restoration of sight with high visual acuity. Nature Medicine, 2015, 21, 476-482.	30.7	296
2	Glucose-Responsive Metal-Organic-Framework Nanoparticles Act as "Smart" Sense-and-Treat Carriers. ACS Nano, 2018, 12, 7538-7545.	14.6	203
3	An implantable microfluidic device for self-monitoring of intraocular pressure. Nature Medicine, 2014, 20, 1074-1078.	30.7	139
4	Cortical responses elicited by photovoltaic subretinal prostheses exhibit similarities to visually evoked potentials. Nature Communications, 2013, 4, 1980.	12.8	117
5	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
6	Anti-VEGF Aptamer Modified Cd-Dots: A Hybrid Nanocomposite for Topical Treatment of Ocular Vascular Disorders. Small, 2019, 15, e1902776.	10.0	49
7	Evaluation of Critical Flicker-Fusion Frequency Measurement Methods for the Investigation of Visual Temporal Resolution. Scientific Reports, 2017, 7, 15621.	3.3	44
8	Gold nanoparticles for multimodal high-resolution imaging of transplanted cells for retinal replacement therapy. Nanomedicine, 2019, 14, 1857-1871.	3.3	33
9	Vasoconstriction by Electrical Stimulation: New Approach to Control of Non-Compressible Hemorrhage. Scientific Reports, 2013, 3, 2111.	3.3	24
10	Development of Animal Models of Local Retinal Degeneration. , 2015, 56, 4644.		23
11	Mechanisms of electrical vasoconstriction. Journal of NeuroEngineering and Rehabilitation, 2018, 15, 43.	4.6	15
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	Head mounted DMD based projection system for natural and prosthetic visual stimulation in freely moving rats. Scientific Reports, 2016, 6, 34873.	3.3	8
14	Spatial visual function in anomalous trichromats: Is less more?. PLoS ONE, 2019, 14, e0209662.	2.5	8
15	Cortical Interactions between Prosthetic and Natural Vision. Current Biology, 2020, 30, 176-182.e2.	3.9	8
16	Interfacing the Cell with "Biomimetic Membrane Proteins". Small, 2019, 15, e1903006.	10.0	7
17	Carbon nanostructures as a scaffold for human embryonic stem cell differentiation toward photoreceptor precursors. Nanoscale, 2020, 12, 18918-18930.	5.6	7
18	Irreversible Electroporation of Human Primary Uveal Melanoma in Enucleated Eyes. PLoS ONE, 2013, 8, e71789.	2.5	7

#	ARTICLE	IF	CITATIONS
19	SEM/FIB Imaging for Studying Neural Interfaces. <i>Developmental Neurobiology</i> , 2020, 80, 305-315.	3.0	5
20	A dichoptic presentation device and a method for measuring binocular temporal function in the visual system. <i>Experimental Eye Research</i> , 2020, 201, 108290.	2.6	5
21	Endovascular Electrodes for Electrical Stimulation of Blood Vessels for Vasoconstriction – a Finite Element Simulation Study. <i>Scientific Reports</i> , 2016, 6, 31507.	3.3	4
22	Ballistic Eye Protection: Why Are Soldiers Reluctant to Use Them?. <i>Military Medicine</i> , 2019, 184, e211-e216.	0.8	2
23	Endovascular Electrical Stimulation – A Novel Hemorrhage Control Technique. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 2072-2080.	4.2	2
24	High-resolution VSDI retinotopic mapping via a DLP-based projection system. <i>Biomedical Optics Express</i> , 2019, 10, 5117.	2.9	2
25	Cortical responses to prosthetic retinal stimulation are significantly affected by the light-adaptive state of the surrounding normal retina. <i>Journal of Neural Engineering</i> , 2021, 18, 026024.	3.5	1
26	Active photonic sensing for super-resolved reading performance in simulated prosthetic vision. <i>Biomedical Optics Express</i> , 2019, 10, 1081.	2.9	1
27	Evaluation and Optimization of Methods for Generating High-Resolution Retinotopic Maps Using Visual Cortex Voltage-Sensitive Dye Imaging. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 713538.	3.7	0