

# Miguel Weil

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

4,886  
citations

304368

22  
h-index

264894

42  
g-index

46  
all docs

46  
docs citations

46  
times ranked

6014  
citing authors

#	ARTICLE	IF	CITATIONS
1	Programmed Cell Death in Animal Development. <i>Cell</i> , 1997, 88, 347-354.	13.5	2,578
2	Caspase activation in the terminal differentiation of human epidermal keratinocytes. <i>Current Biology</i> , 1999, 9, 361-365.	1.8	513
3	IKAP/Elp1 involvement in cytoskeleton regulation and implication for familial dysautonomia. <i>Human Molecular Genetics</i> , 2011, 20, 1585-1594.	1.4	312
4	The CC chemokine RANTES in breast carcinoma progression: regulation of expression and potential mechanisms of promalignant activity. <i>Cancer Research</i> , 2002, 62, 1093-102.	0.4	237
5	Evidence That Wallerian Degeneration and Localized Axon Degeneration Induced by Local Neurotrophin Deprivation Do Not Involve Caspases. <i>Journal of Neuroscience</i> , 2000, 20, 1333-1341.	1.7	220
6	Is programmed cell death required for neural tube closure?. <i>Current Biology</i> , 1997, 7, 281-284.	1.8	148
7	The importance of timing differentiation during limb muscle development. <i>Current Biology</i> , 1998, 8, 642-652.	1.8	147
8	miR126-5p Downregulation Facilitates Axon Degeneration and NMJ Disruption via a Non-Cell-Autonomous Mechanism in ALS. <i>Journal of Neuroscience</i> , 2018, 38, 5478-5494.	1.7	42
9	ATAT1-enriched vesicles promote microtubule acetylation via axonal transport. <i>Science Advances</i> , 2019, 5, eaax2705.	4.7	42
10	Involvement of IKAP in Peripheral Target Innervation and in Specific JNK and NGF Signaling in Developing PNS Neurons. <i>PLoS ONE</i> , 2014, 9, e113428.	1.1	41
11	Pancreatic Pericytes Support $\beta$ -Cell Function in a Tcf7l2-Dependent Manner. <i>Diabetes</i> , 2018, 67, 437-447.	0.3	41
12	Nitric oxide is involved in establishing the balance between cell cycle progression and cell death in the developing neural tube. <i>Experimental Cell Research</i> , 2003, 288, 354-362.	1.2	37
13	Thymic involution, a comorbidity factor in amyotrophic lateral sclerosis. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 2470-2482.	1.6	34
14	Guaiacol as a drug candidate for treating adult polyglucosan body disease. <i>JCI Insight</i> , 2018, 3, .	2.3	33
15	p27Kip1 Modulates Axonal Transport by Regulating $\beta$ -Tubulin Acetyltransferase 1 Stability. <i>Cell Reports</i> , 2018, 23, 2429-2442.	2.9	30
16	Enriched Population of PNS Neurons Derived from Human Embryonic Stem Cells as a Platform for Studying Peripheral Neuropathies. <i>PLoS ONE</i> , 2010, 5, e9290.	1.1	27
17	Serum Free Cultured Bone Marrow Mesenchymal Stem Cells as a Platform to Characterize the Effects of Specific Molecules. <i>PLoS ONE</i> , 2010, 5, e12689.	1.1	27
18	Structural profiling and biological performance of phospholipid-hyaluronan functionalized single-walled carbon nanotubes. <i>Journal of Controlled Release</i> , 2013, 170, 295-305.	4.8	26

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19	p63 protein is essential for the embryonic development of vibrissae and teeth. <i>Biochemical and Biophysical Research Communications</i> , 2006, 340, 737-741.	1.0	25
20	Neural tube closure depends on nitric oxide synthase activity. <i>Journal of Neurochemistry</i> , 2006, 96, 247-253.	2.1	25
21	Persistent Inflammatory Stimulation Drives the Conversion of MSCs to Inflammatory CAFs That Promote Pro-Metastatic Characteristics in Breast Cancer Cells. <i>Cancers</i> , 2021, 13, 1472.	1.7	25
22	Effects of IKAP/hELP1 Deficiency on Gene Expression in Differentiating Neuroblastoma Cells: Implications for Familial Dysautonomia. <i>PLoS ONE</i> , 2011, 6, e19147.	1.1	24
23	Assessing cellular toxicities in fibroblasts upon exposure to lipid-based nanoparticles: a high content analysis approach. <i>Nanotechnology</i> , 2011, 22, 494016.	1.3	23
24	Characterization of human sporadic ALS biomarkers in the familial ALS transgenic mSOD1G93A mouse model. <i>Human Molecular Genetics</i> , 2013, 22, 4720-4725.	1.4	23
25	Familial Dysautonomia (FD) Human Embryonic Stem Cell Derived PNS Neurons Reveal that Synaptic Vesicular and Neuronal Transport Genes Are Directly or Indirectly Affected by IKBKAP Downregulation. <i>PLoS ONE</i> , 2015, 10, e0138807.	1.1	22
26	Multicolor Spectral-Specific Silicon Nanodetectors based on Molecularly Embedded Nanowires. <i>Nano Letters</i> , 2018, 18, 190-201.	4.5	22
27	Bone Morphogenetic Protein Signaling Is Involved in Human Mesenchymal Stem Cell Survival in Serum-Free Medium. <i>Stem Cells and Development</i> , 2009, 18, 1283-1292.	1.1	18
28	Two Potential Biomarkers Identified in Mesenchymal Stem Cells and Leukocytes of Patients with Sporadic Amyotrophic lateral Sclerosis. <i>Disease Markers</i> , 2012, 32, 211-220.	0.6	18
29	Conservation of expression and alternative splicing in the prosaposin gene. <i>Molecular Brain Research</i> , 2004, 129, 8-19.	2.5	15
30	Minerval (2-hydroxyoleic acid) causes cancer cell selective toxicity by uncoupling oxidative phosphorylation and compromising bioenergetic compensation capacity. <i>Bioscience Reports</i> , 2019, 39, .	1.1	15
31	A novel image-based high-throughput screening assay discovers therapeutic candidates for adult polyglucosan body disease. <i>Biochemical Journal</i> , 2017, 474, 3403-3420.	1.7	14
32	Two potential biomarkers identified in mesenchymal stem cells and leukocytes of patients with sporadic amyotrophic lateral sclerosis. <i>Disease Markers</i> , 2012, 32, 211-20.	0.6	14
33	Alleviation of a polyglucosan storage disorder by enhancement of autophagic glycogen catabolism. <i>EMBO Molecular Medicine</i> , 2021, 13, e14554.	3.3	13
34	IKAP Deficiency in an FD Mouse Model and in Oligodendrocyte Precursor Cells Results in Downregulation of Genes Involved in Oligodendrocyte Differentiation and Myelin Formation. <i>PLoS ONE</i> , 2014, 9, e94612.	1.1	12
35	Schistosoma mansoni Antigens Recognized in Biomphalaria glabrata Hemolymph by Monoclonal Antibodies. <i>American Journal of Tropical Medicine and Hygiene</i> , 1989, 40, 605-612.	0.6	12
36	ATP-citrate lyase promotes axonal transport across species. <i>Nature Communications</i> , 2021, 12, 5878.	5.8	11

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37	A differential autophagy dependent response to DNA-double strand brakes in bone marrow mesenchymal stem cells from sporadic ALS patients. <i>DMM Disease Models and Mechanisms</i> , 2017, 10, 645-654.	1.2	4
38	251st ENMC international workshop: Polyglucosan storage myopathies 13â€“15 December 2019, Hoofddorp, the Netherlands. <i>Neuromuscular Disorders</i> , 2021, 31, 466-477.	0.3	4
39	Personalized Drug Discovery: HCA Approach Optimized for Rare Diseases at Tel Aviv University. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2014, 17, 253-255.	0.6	4
40	IKAP/hELP1 down-regulation in neuroblastoma cells causes enhanced cell adhesion mediated by contactin overexpression. <i>Cell Adhesion and Migration</i> , 2010, 4, 541-550.	1.1	3
41	Editorial: Using Small Molecules to Treat Macromolecule Storage Disorders. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 623613.	1.8	2
42	Induced pluripotent stem cell (iPSC) lines from two individuals carrying a homozygous (BGUi007-A) and a heterozygous (BGUi006-A) mutation in ELP1 for in vitro modeling of familial dysautonomia. <i>Stem Cell Research</i> , 2021, 55, 102495.	0.3	2