

# Martin Engel

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

905  
citations

566801

15  
h-index

580395

25  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1799  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuroprotective effects of apigenin against inflammation, neuronal excitability and apoptosis in an induced pluripotent stem cell model of Alzheimer's disease. <i>Scientific Reports</i> , 2016, 6, 31450.	1.6	186
2	Negativity towards negative results: a discussion of the disconnect between scientific worth and scientific culture. <i>DMM Disease Models and Mechanisms</i> , 2014, 7, 171-173.	1.2	152
3	Molecular evidence of synaptic pathology in the CA1 region in schizophrenia. <i>NPJ Schizophrenia</i> , 2016, 2, 16022.	2.0	62
4	Common pitfalls of stem cell differentiation: a guide to improving protocols for neurodegenerative disease models and research. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 3693-3709.	2.4	57
5	Neuregulin-1 signalling and antipsychotic treatment. <i>Psychopharmacology</i> , 2013, 226, 201-215.	1.5	50
6	Alterations of mGluR5 and its endogenous regulators Norbin, Tamalin and Preso1 in schizophrenia: towards a model of mGluR5 dysregulation. <i>Acta Neuropathologica</i> , 2015, 130, 119-129.	3.9	48
7	Growth-factor dependent expression of the translationally controlled tumour protein TCTP is regulated through the PI3-K/Akt/mTORC1 signalling pathway. <i>Cellular Signalling</i> , 2015, 27, 1557-1568.	1.7	40
8	Translationally controlled tumour protein TCTP is induced early in human colorectal tumours and contributes to the resistance of HCT116 colon cancer cells to 5-FU and oxaliplatin. <i>Cell Communication and Signaling</i> , 2017, 15, 9.	2.7	37
9	The Ubiquitin Proteasome System Is a Key Regulator of Pluripotent Stem Cell Survival and Motor Neuron Differentiation. <i>Cells</i> , 2019, 8, 581.	1.8	31
10	Liraglutide prevents metabolic side-effects and improves recognition and working memory during antipsychotic treatment in rats. <i>Journal of Psychopharmacology</i> , 2018, 32, 578-590.	2.0	28
11	Metabotropic glutamate receptor 5, and its trafficking molecules Norbin and Tamalin, are increased in the CA1 hippocampal region of subjects with schizophrenia. <i>Schizophrenia Research</i> , 2015, 166, 212-218.	1.1	27
12	A Simple Differentiation Protocol for Generation of Induced Pluripotent Stem Cell-Derived Basal Forebrain-Like Cholinergic Neurons for Alzheimer's Disease and Frontotemporal Dementia Disease Modeling. <i>Cells</i> , 2020, 9, 2018.	1.8	27
13	Generation and analysis of 3D cell culture models for drug discovery. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 163, 105876.	1.9	24
14	If Human Brain Organoids Are the Answer to Understanding Dementia, What Are the Questions?. <i>Neuroscientist</i> , 2020, 26, 438-454.	2.6	23
15	Enabling high throughput drug discovery in 3D cell cultures through a novel bioprinting workflow. <i>SLAS Technology</i> , 2022, 27, 32-38.	1.0	17
16	Neuregulin 1 Prevents Phencyclidine-Induced Behavioral Impairments and Disruptions to GABAergic Signaling in Mice. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyu114-pyu114.	1.0	16
17	Advanced Spheroid, Tumouroid and 3D Bioprinted In-Vitro Models of Adult and Paediatric Glioblastoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2962.	1.8	16
18	Generation and characterization of human induced pluripotent stem cell lines from a familial Alzheimer's disease PSEN1 A246E patient and a non-demented family member bearing wild-type PSEN1. <i>Stem Cell Research</i> , 2018, 31, 227-230.	0.3	11

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19	Novel dual-action prodrug triggers apoptosis in glioblastoma cells by releasing a glutathione quencher and lysine-specific histone demethylase 1A inhibitor. <i>Journal of Neurochemistry</i> , 2019, 149, 535-550.	2.1	11
20	Viral-free generation and characterization of a human induced pluripotent stem cell line from dermal fibroblasts. <i>Stem Cell Research</i> , 2018, 32, 135-138.	0.3	9
21	mGluR2/3 agonist LY379268 rescues NMDA and GABAA receptor level deficits induced in a two-hit mouse model of schizophrenia. <i>Psychopharmacology</i> , 2016, 233, 1349-1359.	1.5	7
22	Identification of repurposable cytoprotective drugs in vanishing white matter disease patient-derived cells. <i>Translational Medicine Communications</i> , 2020, 5, .	0.5	7
23	Generation and characterization of a human induced pluripotent stem cell line UOWi005-A from dermal fibroblasts derived from a CCNF familial amyotrophic lateral sclerosis patient using mRNA reprogramming. <i>Stem Cell Research</i> , 2019, 40, 101530.	0.3	6
24	The mRNA-based reprogramming of fibroblasts from a SOD1E101G familial amyotrophic lateral sclerosis patient to induced pluripotent stem cell line UOWi007. <i>Stem Cell Research</i> , 2020, 42, 101701.	0.3	4
25	DC and AC magnetic fields increase neurite outgrowth of SH-SY5Y neuroblastoma cells with and without retinoic acid. <i>RSC Advances</i> , 2019, 9, 17717-17725.	1.7	2
26	Unmasking the true identity in neuron differentiation. <i>Journal of Neuroscience Methods</i> , 2016, 270, 177-178.	1.3	0