

# Hany E Marei

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

2,184  
citations

304368

22  
h-index

233125

45  
g-index

57  
all docs

57  
docs citations

57  
times ranked

4127  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoparticles in tissue engineering: applications, challenges and prospects. International Journal of Nanomedicine, 2018, Volume 13, 5637-5655.	3.3	287
2	A multi-cellular 3D bioprinting approach for vascularized heart tissue engineering based on HUVECs and iPSC-derived cardiomyocytes. Scientific Reports, 2018, 8, 13532.	1.6	268
3	p53 signaling in cancer progression and therapy. Cancer Cell International, 2021, 21, 703.	1.8	153
4	Antimicrobials: a global alliance for optimizing their rational use in intra-abdominal infections (AGORA). World Journal of Emergency Surgery, 2016, 11, 33.	2.1	130
5	<i>Pseudomonas aeruginosa</i> : arsenal of resistance mechanisms, decades of changing resistance profiles, and future antimicrobial therapies. Future Microbiology, 2015, 10, 1683-1706.	1.0	125
6	Mesenchymal Stem Cells in the Treatment of Traumatic Brain Injury. Frontiers in Neurology, 2017, 8, 28.	1.1	113
7	Potential of Stem Cell-Based Therapy for Ischemic Stroke. Frontiers in Neurology, 2018, 9, 34.	1.1	107
8	Human Microbiome and its Association With Health and Diseases. Journal of Cellular Physiology, 2016, 231, 1688-1694.	2.0	98
9	Advances in osteobiologic materials for bone substitutes. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, 1448-1468.	1.3	98
10	Role of the Gastrointestinal Tract Microbiome in the Pathophysiology of Diabetes Mellitus. Journal of Diabetes Research, 2017, 2017, 1-9.	1.0	66
11	Fabrication and In Vitro Characterization of a Tissue Engineered PCL-PLLA Heart Valve. Scientific Reports, 2018, 8, 8187.	1.6	58
12	Human Olfactory Bulb Neural Stem Cells expressing hNGF Restore Cognitive Deficit in Alzheimer's Disease Rat Model. Journal of Cellular Physiology, 2015, 230, 116-130.	2.0	48
13	PDGF receptor alpha inhibition induces apoptosis in glioblastoma cancer stem cells refractory to anti-Notch and anti-EGFR treatment. Molecular Cancer, 2014, 13, 247.	7.9	40
14	Cholinergic and dopaminergic neuronal differentiation of human adipose tissue derived mesenchymal stem cells. Journal of Cellular Physiology, 2018, 233, 936-945.	2.0	39
15	Gene Expression Profile of Adult Human Olfactory Bulb and Embryonic Neural Stem Cell Suggests Distinct Signaling Pathways and Epigenetic Control. PLoS ONE, 2012, 7, e33542.	1.1	38
16	Genetically unmatched human iPSC and ESC exhibit equivalent gene expression and neuronal differentiation potential. Scientific Reports, 2017, 7, 17504.	1.6	38
17	The interference of Notch1 target Hes1 affects cell growth, differentiation and invasiveness of glioblastoma stem cells through modulation of multiple oncogenic targets. Oncotarget, 2017, 8, 17873-17886.	0.8	38
18	Observations on rodlet cells found in the vascular system and extravascular space of angelfish ( <i>Pterophyllum scalare scalare</i> ). Journal of Fish Biology, 1995, 46, 241-254.	0.7	37

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19	A Global Declaration on Appropriate Use of Antimicrobial Agents across the Surgical Pathway. <i>Surgical Infections</i> , 2017, 18, 846-853.	0.7	31
20	Gene Expression Profiling of Embryonic Human Neural Stem Cells and Dopaminergic Neurons from Adult Human Substantia Nigra. <i>PLoS ONE</i> , 2011, 6, e28420.	1.1	30
21	Nanotubes impregnated human olfactory bulb neural stem cells promote neuronal differentiation in Trimethyltin-induced neurodegeneration rat model. <i>Journal of Cellular Physiology</i> , 2017, 232, 3586-3597.	2.0	30
22	Development of nitric oxide releasing visible light crosslinked gelatin methacrylate hydrogel for rapid closure of diabetic wounds. <i>Biomedicine and Pharmacotherapy</i> , 2021, 140, 111747.	2.5	27
23	PDGFR $\alpha$ depletion attenuates glioblastoma stem cells features by modulation of STAT3, RB1 and multiple oncogenic signals. <i>Oncotarget</i> , 2016, 7, 53047-53063.	0.8	24
24	Human olfactory bulb neural stem cells mitigate movement disorders in a rat model of Parkinson's disease. <i>Journal of Cellular Physiology</i> , 2015, 230, 1614-1629.	2.0	23
25	Incense acetate prevents beta-amyloid-induced neurotoxicity in human olfactory bulb neural stem cells. <i>Biomedicine and Pharmacotherapy</i> , 2018, 105, 813-823.	2.5	23
26	Over-Expression of hNGF in Adult Human Olfactory Bulb Neural Stem Cells Promotes Cell Growth and Oligodendrocytic Differentiation. <i>PLoS ONE</i> , 2013, 8, e82206.	1.1	21
27	Recent perspective on CAR and Fc $\gamma$ 3-CR T cell immunotherapy for cancers: Preclinical evidence versus clinical outcomes. <i>Biochemical Pharmacology</i> , 2019, 166, 335-346.	2.0	20
28	Aspirin inhibits cancer stem cells properties and growth of glioblastoma multiforme through Rb1 pathway modulation. <i>Journal of Cellular Physiology</i> , 2019, 234, 15459-15471.	2.0	19
29	Transcription factors expressed in embryonic and adult olfactory bulb neural stem cells reveal distinct proliferation, differentiation and epigenetic control. <i>Genomics</i> , 2013, 101, 12-19.	1.3	16
30	Differentiation of human olfactory bulb-derived neural stem cells toward oligodendrocyte. <i>Journal of Cellular Physiology</i> , 2018, 233, 1321-1329.	2.0	13
31	Current progress in chimeric antigen receptor T cell therapy for glioblastoma multiforme. <i>Cancer Medicine</i> , 2021, 10, 5019-5030.	1.3	13
32	Common and Rare Genetic Variants Associated With Alzheimer's Disease. <i>Journal of Cellular Physiology</i> , 2016, 231, 1432-1437.	2.0	12
33	VEGF-121 plasma level as biomarker for response to anti-angiogenetic therapy in recurrent glioblastoma. <i>BMC Cancer</i> , 2018, 18, 553.	1.1	11
34	The effect of triiodothyronine on maturation and differentiation of oligodendrocyte progenitor cells during remyelination following induced demyelination in male albino rat. <i>Tissue and Cell</i> , 2016, 48, 242-251.	1.0	10
35	Therapeutic potential of human olfactory bulb neural stem cells for spinal cord injury in rats. <i>Spinal Cord</i> , 2016, 54, 785-797.	0.9	10
36	Aspirin inhibits proliferation and promotes differentiation of neuroblastoma cells via p21 Waf1 protein up-regulation and Rb1 pathway modulation. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 7078-7087.	1.6	9

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37	Human Olfactory Bulb Neural Stem Cells (Hu-OBNSCs) Can Be Loaded with Paclitaxel and Used to Inhibit Glioblastoma Cell Growth. <i>Pharmaceutics</i> , 2019, 11, 45.	2.0	9
38	Landscape of NAT2 polymorphisms among breast cancer. <i>Biomedicine and Pharmacotherapy</i> , 2016, 77, 191-196.	2.5	7
39	Fine Structural and Immunohistochemical Localization of Cardiac Hormones (ANP) in the Right Atrium and Hypothalamus of the White Rat. <i>European Journal of Morphology</i> , 2002, 40, 37-41.	1.4	7
40	Localization of S-100 proteins in the testis and epididymis of poultry and rabbits. <i>Anatomy and Cell Biology</i> , 2014, 47, 180.	0.5	6
41	Pandemic COVID-19 caused by SARS-CoV-2: genetic structure, vaccination, and therapeutic approaches. <i>Molecular Biology Reports</i> , 2021, 48, 6513-6524.	1.0	6
42	Morphological and glycohistochemical studies on the epididymal region of the Sudani duck (Cairina) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.9	3
43	Differentiation of Ciliated Cells in the Terminal Bronchioles of Neonatal Calves. <i>European Journal of Morphology</i> , 2001, 39, 269-276.	1.4	3
44	Xeno-free trans-differentiation of adipose tissue-derived mesenchymal stem cells into glial and neuronal cells. <i>American Journal of Stem Cells</i> , 2019, 8, 38-51.	0.4	3
45	The therapeutic effects of tumor treating fields on cancer and noncancerous cells. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103386.	2.3	2
46	Exome sequencing of glioblastoma-derived cancer stem cells reveals rare clinically relevant frameshift deletion in MLLT1 gene. <i>Cancer Cell International</i> , 2022, 22, 9.	1.8	2
47	Aspirin inhibits cancer stem cells properties and growth of glioblastoma multiforme through Rb1 pathway modulation. , 2019, 234, 15459.		1
48	Generation of gene edited hiPSC from familial Alzheimer's disease patient carrying N141I missense mutation in presenilin 2. <i>Stem Cell Research</i> , 2021, 56, 102552.	0.3	1
49	Identification and mapping of brain natriuretic peptide in the normal ventricular myocardium of a desert-dwelling mammalian model, the camel ( <i>Camelus dromedarius</i> ): Immunohistochemical and ultrastructural study. <i>Journal of Cellular Physiology</i> , 2019, 234, 3067-3077.	2.0	0
50	Morphological Features of the Testis among Autoimmune Mouse Model and Healthy Strains. <i>Microscopy and Microanalysis</i> , 2021, 27, 1209-1217.	0.2	0