

# Hany E Marei

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

51  
papers

1,402  
citations

19  
h-index

37  
g-index

57  
ext. papers

1,780  
ext. citations

5.5  
avg, IF

4.5  
L-index

#	Paper	IF	Citations
51	Effects of Rosemary Oil ( <i>Rosmarinus officinalis</i> ) supplementation on the fate of the transplanted human olfactory bulb neural stem cells against ibotenic acid-induced neurotoxicity (Alzheimer model) in rat.. <i>Metabolic Brain Disease</i> , <b>2022</b> , 1	3.9	1
50	Exome sequencing of glioblastoma-derived cancer stem cells reveals rare clinically relevant frameshift deletion in MLLT1 gene.. <i>Cancer Cell International</i> , <b>2022</b> , 22, 9	6.4	
49	p53 signaling in cancer progression and therapy.. <i>Cancer Cell International</i> , <b>2021</b> , 21, 703	6.4	8
48	Generation of gene edited hiPSC from familial Alzheimer's disease patient carrying N141I missense mutation in presenilin 2. <i>Stem Cell Research</i> , <b>2021</b> , 56, 102552	1.6	
47	Current progress in chimeric antigen receptor T cell therapy for glioblastoma multiforme. <i>Cancer Medicine</i> , <b>2021</b> , 10, 5019-5030	4.8	2
46	Pandemic COVID-19 caused by SARS-CoV-2: genetic structure, vaccination, and therapeutic approaches. <i>Molecular Biology Reports</i> , <b>2021</b> , 48, 6513-6524	2.8	1
45	Development of nitric oxide releasing visible light crosslinked gelatin methacrylate hydrogel for rapid closure of diabetic wounds. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 140, 111747	7.5	3
44	Morphological Features of the Testis among Autoimmune Mouse Model and Healthy Strains. <i>Microscopy and Microanalysis</i> , <b>2021</b> , 1-9	0.5	
43	The therapeutic effects of tumor treating fields on cancer and noncancerous cells. <i>Arabian Journal of Chemistry</i> , <b>2021</b> , 14, 103386	5.9	0
42	Human Olfactory Bulb Neural Stem Cells (Hu-OBNSCs) Can Be Loaded with Paclitaxel and Used to Inhibit Glioblastoma Cell Growth. <i>Pharmaceutics</i> , <b>2019</b> , 11,	6.4	4
41	Aspirin inhibits cancer stem cells properties and growth of glioblastoma multiforme through Rb1 pathway modulation. <i>Journal of Cellular Physiology</i> , <b>2019</b> , 234, 15459	7	14
40	Recent perspective on CAR and Fc $\epsilon$ CR T cell immunotherapy for cancers: Preclinical evidence versus clinical outcomes. <i>Biochemical Pharmacology</i> , <b>2019</b> , 166, 335-346	6	11
39	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> , <b>2019</b> , 234, 3067-3077	7	
38	Aspirin inhibits proliferation and promotes differentiation of neuroblastoma cells via p21 protein up-regulation and Rb1 pathway modulation. <i>Journal of Cellular and Molecular Medicine</i> , <b>2019</b> , 23, 7078-7087	5.6	7
37	Xeno-free trans-differentiation of adipose tissue-derived mesenchymal stem cells into glial and neuronal cells. <i>American Journal of Stem Cells</i> , <b>2019</b> , 8, 38-51	2.4	3
36	Aspirin inhibits cancer stem cells properties and growth of glioblastoma multiforme through Rb1 pathway modulation <b>2019</b> , 234, 15459		1
35	Advances in osteobiologic materials for bone substitutes. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2018</b> , 12, 1448-1468	4.4	67

34	Differentiation of human olfactory bulb-derived neural stem cells toward oligodendrocyte. <i>Journal of Cellular Physiology</i> , <b>2018</b> , 233, 1321-1329	7	5
33	Cholinergic and dopaminergic neuronal differentiation of human adipose tissue derived mesenchymal stem cells. <i>Journal of Cellular Physiology</i> , <b>2018</b> , 233, 936-945	7	31
32	Potential of Stem Cell-Based Therapy for Ischemic Stroke. <i>Frontiers in Neurology</i> , <b>2018</b> , 9, 34	4.1	83
31	VEGF-121 plasma level as biomarker for response to anti-angiogenetic therapy in recurrent glioblastoma. <i>BMC Cancer</i> , <b>2018</b> , 18, 553	4.8	7
30	Incense acetate prevents beta-amyloid-induced neurotoxicity in human olfactory bulb neural stem cells. <i>Biomedicine and Pharmacotherapy</i> , <b>2018</b> , 105, 813-823	7.5	17
29	Nanoparticles in tissue engineering: applications, challenges and prospects. <i>International Journal of Nanomedicine</i> , <b>2018</b> , 13, 5637-5655	7.3	188
28	A multi-cellular 3D bioprinting approach for vascularized heart tissue engineering based on HUVECs and iPSC-derived cardiomyocytes. <i>Scientific Reports</i> , <b>2018</b> , 8, 13532	4.9	164
27	Fabrication and In Vitro Characterization of a Tissue Engineered PCL-PLLA Heart Valve. <i>Scientific Reports</i> , <b>2018</b> , 8, 8187	4.9	35
26	Nanotubes impregnated human olfactory bulb neural stem cells promote neuronal differentiation in Trimethyltin-induced neurodegeneration rat model. <i>Journal of Cellular Physiology</i> , <b>2017</b> , 232, 3586-3597	7	19
25	The interference of Notch1 target Hes1 affects cell growth, differentiation and invasiveness of glioblastoma stem cells through modulation of multiple oncogenic targets. <i>Oncotarget</i> , <b>2017</b> , 8, 17873-17886	3.3	24
24	A Global Declaration on Appropriate Use of Antimicrobial Agents across the Surgical Pathway. <i>Surgical Infections</i> , <b>2017</b> , 18, 846-853	2	21
23	Genetically unmatched human iPSC and ESC exhibit equivalent gene expression and neuronal differentiation potential. <i>Scientific Reports</i> , <b>2017</b> , 7, 17504	4.9	20
22	Mesenchymal Stem Cells in the Treatment of Traumatic Brain Injury. <i>Frontiers in Neurology</i> , <b>2017</b> , 8, 28	4.1	81
21	Role of the Gastrointestinal Tract Microbiome in the Pathophysiology of Diabetes Mellitus. <i>Journal of Diabetes Research</i> , <b>2017</b> , 2017, 9631435	3.9	51
20	Antimicrobials: a global alliance for optimizing their rational use in intra-abdominal infections (AGORA). <i>World Journal of Emergency Surgery</i> , <b>2016</b> , 11, 33	9.2	95
19	Human Microbiome and its Association With Health and Diseases. <i>Journal of Cellular Physiology</i> , <b>2016</b> , 231, 1688-94	7	78
18	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> , <b>2016</b> , 48, 242-51	2.7	6
17	Therapeutic potential of human olfactory bulb neural stem cells for spinal cord injury in rats. <i>Spinal Cord</i> , <b>2016</b> , 54, 785-797	2.7	7

16	Landscape of NAT2 polymorphisms among breast cancer. <i>Biomedicine and Pharmacotherapy</i> , <b>2016</b> , 77, 191-6	7.5	6
15	PDGFR $\alpha$ depletion attenuates glioblastoma stem cells features by modulation of STAT3, RB1 and multiple oncogenic signals. <i>Oncotarget</i> , <b>2016</b> , 7, 53047-53063	3.3	18
14	Common and Rare Genetic Variants Associated With Alzheimer's Disease. <i>Journal of Cellular Physiology</i> , <b>2016</b> , 231, 1432-7	7	10
13	Human olfactory bulb neural stem cells expressing hNGF restore cognitive deficit in Alzheimer's disease rat model. <i>Journal of Cellular Physiology</i> , <b>2015</b> , 230, 116-30	7	38
12	<i>Pseudomonas aeruginosa</i> : arsenal of resistance mechanisms, decades of changing resistance profiles, and future antimicrobial therapies. <i>Future Microbiology</i> , <b>2015</b> , 10, 1683-706	2.9	96
11	Human olfactory bulb neural stem cells mitigate movement disorders in a rat model of Parkinson's disease. <i>Journal of Cellular Physiology</i> , <b>2015</b> , 230, 1614-29	7	17
10	Localization of S-100 proteins in the testis and epididymis of poultry and rabbits. <i>Anatomy and Cell Biology</i> , <b>2014</b> , 47, 180-7	1.4	4
9	PDGF receptor alpha inhibition induces apoptosis in glioblastoma cancer stem cells refractory to anti-Notch and anti-EGFR treatment. <i>Molecular Cancer</i> , <b>2014</b> , 13, 247	42.1	30
8	Transcription factors expressed in embryonic and adult olfactory bulb neural stem cells reveal distinct proliferation, differentiation and epigenetic control. <i>Genomics</i> , <b>2013</b> , 101, 12-9	4.3	11
7	Over-expression of hNGF in adult human olfactory bulb neural stem cells promotes cell growth and oligodendrocytic differentiation. <i>PLoS ONE</i> , <b>2013</b> , 8, e82206	3.7	16
6	Gene expression profile of adult human olfactory bulb and embryonic neural stem cell suggests distinct signaling pathways and epigenetic control. <i>PLoS ONE</i> , <b>2012</b> , 7, e33542	3.7	30
5	Gene expression profiling of embryonic human neural stem cells and dopaminergic neurons from adult human substantia nigra. <i>PLoS ONE</i> , <b>2011</b> , 6, e28420	3.7	26
4	Morphological and glycohistochemical studies on the epididymal region of the Sudani duck ( <i>Cairina moschata</i> ). <i>Research in Veterinary Science</i> , <b>2009</b> , 86, 7-17	2.5	3
3	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> , <b>2002</b> , 40, 37-41		6
2	Differentiation of ciliated cells in the terminal bronchioles of neonatal calves. <i>European Journal of Morphology</i> , <b>2001</b> , 39, 269-76		1
1	Observations on rodlet cells found in the vascular system and extravascular space of angelfish ( <i>Pterophyllum scalare scalare</i> ). <i>Journal of Fish Biology</i> , <b>1995</b> , 46, 241-254	1.9	32