

Muhammad Muhammad Abu-Elmagd

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

2,121
citations

304743

22
h-index

243625

44
g-index

56
all docs

56
docs citations

56
times ranked

3324
citing authors

#	ARTICLE	IF	CITATIONS
1	Bibliometrics: tracking research impact by selecting the appropriate metrics. Asian Journal of Andrology, 2016, 18, 296.	1.6	320
2	Effects of increased paternal age on sperm quality, reproductive outcome and associated epigenetic risks to offspring. Reproductive Biology and Endocrinology, 2015, 13, 35.	3.3	272
3	The expression and function of microRNAs in chondrogenesis and osteoarthritis. Arthritis and Rheumatism, 2012, 64, 1909-1919.	6.7	204
4	Roles of Sox4 in central nervous system development. Molecular Brain Research, 2000, 79, 180-191.	2.3	159
5	Chick Sox10, a transcription factor expressed in both early neural crest cells and central nervous system. Developmental Brain Research, 2000, 121, 233-241.	1.7	158
6	MicroRNA regulation of the paired-box transcription factor Pax3 confers robustness to developmental timing of myogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 11936-11941.	7.1	110
7	Wnt/Lef1 signaling acts via Pitx2 to regulate somite myogenesis. Developmental Biology, 2010, 337, 211-219.	2.0	67
8	Frizzled7 mediates canonical Wnt signaling in neural crest induction. Developmental Biology, 2006, 298, 285-298.	2.0	66
9	cSox3 Expression and Neurogenesis in the Epibranchial Placodes. Developmental Biology, 2001, 237, 258-269.	2.0	62
10	Matrix metalloproteinase genes in <i>Xenopus</i> development. Developmental Dynamics, 2004, 231, 214-220.	1.8	58
11	Sperm quality after density gradient centrifugation with three commercially available media: a controlled trial. Reproductive Biology and Endocrinology, 2014, 12, 121.	3.3	57
12	Three matrix metalloproteinases are required in vivo for macrophage migration during embryonic development. Mechanisms of Development, 2008, 125, 1059-1070.	1.7	48
13	More comprehensive forensic genetic marker analyses for accurate human remains identification using massively parallel DNA sequencing. BMC Genomics, 2016, 17, 750.	2.8	47
14	Individualized medicine enabled by genomics in Saudi Arabia. BMC Medical Genomics, 2015, 8, S3.	1.5	40
15	Sox3 Expression Defines a Common Primordium for the Epibranchial Placodes in Chick. Developmental Biology, 2001, 236, 344-353.	2.0	36
16	Pathogenic landscape of idiopathic male infertility: new insight towards its regulatory networks. Npj Genomic Medicine, 2016, 1, 16023.	3.8	35
17	High fibroblast growth factor 19 (FGF19) expression predicts worse prognosis in invasive ductal carcinoma of breast. Tumor Biology, 2014, 35, 2817-2824.	1.8	29
18	Vascular endothelial growth factor (VEGFA) gene variation in polycystic ovary syndrome in a Tunisian women population. BMC Genomics, 2016, 17, 748.	2.8	29

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19	Frizzled-10 promotes sensory neuron development in <i>Xenopus</i> embryos. <i>Developmental Biology</i> , 2009, 335, 143-155.	2.0	27
20	Frequent methylation of the KLOTHO gene and overexpression of the FGFR4 receptor in invasive ductal carcinoma of the breast. <i>Tumor Biology</i> , 2015, 36, 9677-9683.	1.8	25
21	Associations of recurrent miscarriages with chromosomal abnormalities, thrombophilia allelic polymorphisms and/or consanguinity in Saudi Arabia. <i>BMC Medical Genetics</i> , 2016, 17, 69.	2.1	25
22	Evaluation of the Effects of Airborne Particulate Matter on Bone Marrow-Mesenchymal Stem Cells (BM-MSCs): Cellular, Molecular and Systems Biological Approaches. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 440.	2.6	25
23	Endocrine disruption: In silico perspectives of interactions of di-(2-ethylhexyl)phthalate and its five major metabolites with progesterone receptor. <i>BMC Structural Biology</i> , 2016, 16, 16.	2.3	22
24	Human sex hormone-binding globulin as a potential target of alternate plasticizers: an in silico study. <i>BMC Structural Biology</i> , 2016, 16, 15.	2.3	19
25	Identification of novel genetic variations affecting osteoarthritis patients. <i>BMC Medical Genetics</i> , 2016, 17, 68.	2.1	18
26	Klh131 attenuates β -catenin dependent Wnt signaling and regulates embryo myogenesis. <i>Developmental Biology</i> , 2015, 402, 61-71.	2.0	17
27	A novel homozygous mutation in SZT2 gene in Saudi family with developmental delay, macrocephaly and epilepsy. <i>Genes and Genomics</i> , 2018, 40, 1149-1155.	1.4	15
28	Data mining analysis of human gut microbiota links <i>Fusobacterium</i> spp. with colorectal cancer onset. <i>Bioinformatics</i> , 2019, 15, 372-379.	0.5	14
29	The surface ectoderm of the chick embryo exhibits dynamic variation in its response to neurogenic signals. <i>International Journal of Developmental Biology</i> , 2009, 53, 1023-1033.	0.6	12
30	Whole-exome analysis of foetal autopsy tissue reveals a frameshift mutation in OBSL1, consistent with a diagnosis of 3-M Syndrome. <i>BMC Genomics</i> , 2015, 16, S12.	2.8	9
31	Role of Oxidative Stress and the Identification of Biomarkers Associated With Thyroid Dysfunction in Schizophrenics. <i>Frontiers in Pharmacology</i> , 2021, 12, 646287.	3.5	9
32	LRP6 Receptor Plays Essential Functions in Development and Human Diseases. <i>Genes</i> , 2022, 13, 120.	2.4	9
33	Frizzled-7 is required for <i>Xenopus</i> heart development. <i>Biology Open</i> , 2017, 6, 1861-1868.	1.2	8
34	Leptin Protein Expression and Promoter Methylation in Ovarian Cancer: A Strong Prognostic Value with Theranostic Promises. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12872.	4.1	8
35	Specific nutrient combination effects on tax, NF- κ B and MMP-9 in human T-cell lymphotropic virus -1 positive malignant T-lymphocytes. <i>BMC Cancer</i> , 2015, 15, S2.	2.6	6
36	Use of Array Comparative Genomic Hybridization for the Diagnosis of DiGeorge Syndrome in Saudi Arabian Population. <i>Cytogenetic and Genome Research</i> , 2018, 154, 20-29.	1.1	6

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37	Catha edulis Forsk Mediates Embryotoxic Effects in Rats: An Experimental Study. International Journal of Morphology, 2018, 36, 1087-1094.	0.2	4
38	The Prognostic Value of the Developmental Gene FZD6 in Young Saudi Breast Cancer Patients: A Biomarkers Discovery and Cancer Inducers OncoScreen Approach. Frontiers in Molecular Biosciences, 2022, 9, 783735.	3.5	4
39	Prognostic value of E-Cadherin and its tumor suppressor role in Saudi women with advanced epithelial ovarian cancer. Libyan Journal of Medicine, 2021, 16, 1994741.	1.6	3
40	Enhancement of Pathologist's Routine Practice: Reuse of DNA Extracted from Immunostained Formalin-fixed Paraffin-embedded (FFPE) Slides in Downstream Molecular Analysis of Cancer. Cancer Genomics and Proteomics, 2016, 13, 399-406.	2.0	3
41	13-P061 Wnt signalling via Pitx2 regulates somite and limb myogenesis. Mechanisms of Development, 2009, 126, S213.	1.7	2
42	Sprouty2 mediated tuning of signalling is essential for somite myogenesis. BMC Medical Genomics, 2015, 8, S8.	1.5	2
43	Unraveling the Catha edulis Extract Effects on the Cellular and Molecular Signaling in SKOV3 Cells. Frontiers in Pharmacology, 2021, 12, 666885.	3.5	2
44	Frizzled-7 expression during early cardiogenesis of Xenopus laevis embryo. BMC Genomics, 2014, 15, .	2.8	1
45	Use of chick neural tube for optimizing the PSM and epithelial somites electroporation parameters: A detailed protocol. Journal of Biological Methods, 2018, 5, e93.	0.6	1
46	Utility of Circulating Cell-Free DNA in Assessing Microsatellite Instability and Loss of Heterozygosity in Breast Cancer Using Human Identification Approach. Genes, 2022, 13, 590.	2.4	1
47	Investigation of Isocitrate Dehydrogenase 1 and 2 Mutations in Acute Leukemia Patients in Saudi Arabia. Genes, 2021, 12, 1963.	2.4	1
48	FGF negative regulation during early myogenesis. BMC Genomics, 2014, 15, .	2.8	0
49	Fgf negative regulators control early chick somite myogenesis. BMC Genomics, 2014, 15, .	2.8	0
50	Prognostic significance of fibroblast growth factor 19 (FGF19) expression in breast invasive ductal carcinoma. BMC Genomics, 2014, 15, .	2.8	0
51	Morphologically distinct phenotypes of spermatozoa in infertile men reveal down regulation of multiple signaling pathways. Fertility and Sterility, 2015, 104, e296.	1.0	0