

Mohamed Abu El-Magd

List of Publications by Year in descending order

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Version: 2024-02-01

101
papers

1,791
citations

279487

23
h-index

360668

35
g-index

102
all docs

102
docs citations

102
times ranked

2005
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential Effect of Exosomes Derived from Cancer Stem Cells and MSCs on Progression of DEN-Induced HCC in Rats. <i>Stem Cells International</i> , 2018, 2018, 1-17.	1.2	103
2	Therapeutic Effect of Camel Milk and Its Exosomes on MCF7 Cells In Vitro and In Vivo. <i>Integrative Cancer Therapies</i> , 2018, 17, 1235-1246.	0.8	97
3	Hesperidin, piperine and bee venom synergistically potentiate the anticancer effect of tamoxifen against breast cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2018, 105, 1335-1343.	2.5	79
4	Design, synthesis, modeling studies and biological evaluation of thiazolidine derivatives containing pyrazole core as potential anti-diabetic PPAR- β agonists and anti-inflammatory COX-2 selective inhibitors. <i>Bioorganic Chemistry</i> , 2019, 82, 86-99.	2.0	78
5	Camel milk exosomes modulate cyclophosphamide-induced oxidative stress and immuno-toxicity in rats. <i>Food and Function</i> , 2019, 10, 7523-7532.	2.1	49
6	Metabolic and molecular responses in Nile tilapia, <i>Oreochromis niloticus</i> during short and prolonged hypoxia. <i>Marine and Freshwater Behaviour and Physiology</i> , 2015, 48, 319-340.	0.4	47
7	A potential mechanism associated with lead-induced testicular toxicity in rats. <i>Andrologia</i> , 2017, 49, e12750.	1.0	45
8	Isolates from <i>Alpinia officinarum</i> Hance attenuate LPS-induced inflammation in HepG2: Evidence from <i>in silico</i> and <i>in vitro</i> studies. <i>Phytotherapy Research</i> , 2018, 32, 1273-1288.	2.8	45
9	Beneficial effects of dietary silver nanoparticles and silver nitrate on broiler nutrition. <i>Environmental Science and Pollution Research</i> , 2018, 25, 27031-27038.	2.7	41
10	Melatonin maximizes the therapeutic potential of non-preconditioned MSCs in a DEN-induced rat model of HCC. <i>Biomedicine and Pharmacotherapy</i> , 2019, 114, 108732.	2.5	41
11	Chitosan nanoparticles from <i>Artemia salina</i> inhibit progression of hepatocellular carcinoma in vitro and in vivo. <i>Environmental Science and Pollution Research</i> , 2020, 27, 19016-19028.	2.7	37
12	Bromuconazole-induced hepatotoxicity is accompanied by upregulation of <i>PXR</i> and <i>CYP3A1</i> and downregulation of <i>CAR</i> and <i>CYP2B1</i> gene expression. <i>Toxicology Mechanisms and Methods</i> , 2017, 27, 544-550.	1.3	34
13	Novel polymorphisms of the IGF1R gene and their association with average daily gain in Egyptian buffalo (<i>Bubalus bubalis</i>). <i>Domestic Animal Endocrinology</i> , 2013, 45, 105-110.	0.8	33
14	Trehalose enhances the antitumor potential of methotrexate against mice bearing Ehrlich ascites carcinoma. <i>Biomedicine and Pharmacotherapy</i> , 2017, 92, 870-878.	2.5	33
15	Chrysophanol, Physcion, Hesperidin and Curcumin Modulate the Gene Expression of Pro-Inflammatory Mediators Induced by LPS in HepG2: In Silico and Molecular Studies. <i>Antioxidants</i> , 2019, 8, 371.	2.2	33
16	High doses of S-methylcysteine cause hypoxia-induced cardiomyocyte apoptosis accompanied by engulfment of mitochondria by nucleus. <i>Biomedicine and Pharmacotherapy</i> , 2017, 94, 589-597.	2.5	32
17	Dietary propionic acid enhances antibacterial and immunomodulatory effects of oxytetracycline on Nile tilapia, <i>Oreochromis niloticus</i> . <i>Environmental Science and Pollution Research</i> , 2018, 25, 34200-34211.	2.7	32
18	Ameliorative Effect of Cardamom Aqueous Extract on Doxorubicin-Induced Cardiotoxicity in Rats. <i>Cells Tissues Organs</i> , 2018, 206, 62-72.	1.3	31

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19	Combination therapy with melatonin, stem cells and extracellular vesicles is effective in limiting renal ischemiaâ€“reperfusion injury in a rat model. <i>International Journal of Urology</i> , 2020, 27, 1039-1049.	0.5	31
20	Ruthenium(II)/(III) DMSO-Based Complexes of 2-Aminophenyl Benzimidazole with In Vitro and In Vivo Anticancer Activity. <i>Molecules</i> , 2020, 25, 4284.	1.7	30
21	Therapeutic potential of camel milk exosomes against HepaRG cells with potent apoptotic, anti-inflammatory, and anti-angiogenesis effects for colostrum exosomes. <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112220.	2.5	29
22	Effect of pristine and functionalized multiwalled carbon nanotubes on rat renal cortex. <i>Acta Histochemica</i> , 2019, 121, 207-217.	0.9	28
23	Antioxidant and anticancer activities of β -aminophosphonates containing thiadiazole moiety. <i>Journal of Saudi Chemical Society</i> , 2018, 22, 34-41.	2.4	27
24	Evolutionary insights into the fusion protein of Newcastle disease virus isolated from vaccinated chickens in 2016 in Egypt. <i>Archives of Virology</i> , 2017, 162, 3069-3079.	0.9	26
25	Integrative Effects of Feeding <i>Aspergillus awamori</i> and Fructooligosaccharide on Growth Performance and Digestibility in Broilers: Promotion Muscle Protein Metabolism. <i>BioMed Research International</i> , 2014, 2014, 1-8.	0.9	25
26	Effects of a novel SNP of IGF2R gene on growth traits and expression rate of IGF2R and IGF2 genes in gluteus medius muscle of Egyptian buffalo. <i>Gene</i> , 2014, 540, 133-139.	1.0	25
27	Human peripheral blood CD34+ cells attenuate oleic acidâ€“induced acute lung injury in rats. <i>Cytotherapy</i> , 2015, 17, 443-453.	0.3	25
28	Bee venom and its active component Melittin synergistically potentiate the anticancer effect of Sorafenib against HepG2 cells. <i>Bioorganic Chemistry</i> , 2021, 116, 105329.	2.0	25
29	The potential therapeutic effect for melatonin and mesenchymal stem cells on hepatocellular		

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37	Association of MHC IIA polymorphisms with disease resistance in <i>Aeromonas hydrophila</i> -challenged Nile tilapia. <i>Developmental and Comparative Immunology</i> , 2019, 96, 126-134.	1.0	17
38	Dietary supplementation with copper oxide nanoparticles ameliorates chronic heat stress in broiler chickens. <i>Animal Production Science</i> , 2020, 60, 254.	0.6	17
39	Green tea ameliorates the side effects of the silver nanoparticles treatment of Ehrlich ascites tumor in mice. <i>Molecular and Cellular Toxicology</i> , 2020, 16, 271-282.	0.8	17
40	Therapeutic potential effect of bone marrow-derived mesenchymal stem cells on chronic liver disease in murine Schistosomiasis <i>Mansoni</i> . <i>Journal of Parasitic Diseases</i> , 2018, 42, 277-286.	0.4	16
41	Untargeted Metabolic Profiling of Extracellular Vesicles of SARS-CoV-2-Infected Patients Shows Presence of Potent Anti-Inflammatory Metabolites. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10467.	1.8	16
42	The ameliorative effect of <i>Aspergillus awamori</i> on aflatoxin B1-induced hepatic damage in rabbits. <i>World Mycotoxin Journal</i> , 2017, 10, 363-373.	0.8	16
43	Potential therapeutic effect of thymoquinone and/or bee pollen on fluvastatin-induced hepatitis in rats. <i>Scientific Reports</i> , 2021, 11, 15688.	1.6	15
44	Association of a novel SNP in exon 10 of the IGF2 gene with growth traits in Egyptian water buffalo (<i>Bubalus bubalis</i>). <i>Tropical Animal Health and Production</i> , 2014, 46, 947-952.	0.5	14
45	Pinacidil and levamisole prevent glutamate-induced death of hippocampal neuronal cells through reducing ROS production. <i>Neurological Research</i> , 2015, 37, 916-923.	0.6	14
46	Emergence of Imipenem-Resistant <i>Pseudomonas aeruginosa</i> Clinical Isolates from Egypt Coharboring <i>VIM</i> and <i>IMP</i> Carbapenemases. <i>Microbial Drug Resistance</i> , 2017, 23, 682-686.	0.9	14
47	Polymorphisms of the IGF1 gene and their association with growth traits, serum concentration and expression rate of IGF1 and IGF1R in buffalo. <i>Journal of Zhejiang University: Science B</i> , 2017, 18, 1064-1074.	1.3	14
48	Association of GHR Polymorphisms with Milk Production in Buffaloes. <i>Animals</i> , 2020, 10, 1203.	1.0	14
49	Isolates From <i>Thymelaea Hirsuta</i> Inhibit Progression Of Hepatocellular Carcinoma <i>In Vitro</i> And <i>In Vivo</i> . <i>Natural Product Research</i> , 2021, 35, 1799-1807.	1.0	14
50	Altered expression of some miRNAs and their target genes following mesenchymal stem cell treatment in busulfan-induced azoospermic rats. <i>Gene</i> , 2020, 737, 144481.	1.0	13
51	Amygdalin potentiates the anti-cancer effect of Sorafenib on Ehrlich ascites carcinoma and ameliorates the associated liver damage. <i>Scientific Reports</i> , 2022, 12, 6494.	1.6	13
52	Quercetin alleviated multi-walled carbon nanotubes-induced neurotoxicity in mice through inhibition of oxidation, inflammation, and pyroptosis. <i>Biomedicine and Pharmacotherapy</i> , 2022, 151, 113160.	2.5	13
53	In situ hybridization and immunohistochemical localization of leptin hormone and leptin receptor in the seminal vesicle and prostate gland of adult rat. <i>Acta Histochemica</i> , 2012, 114, 185-191.	0.9	12
54	Preliminary studies on habitat and diversity of some sea urchin species (Echinodermata: Echinoidea) on the southern Levantine basin of Egypt. <i>Egyptian Journal of Aquatic Research</i> , 2013, 39, 303-311.	1.0	12

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55	Functionalization of poly(3-hydroxybutyrate) with different thiol compounds inhibits MDM2-p53 interactions in MCF7 cells. <i>Journal of Applied Polymer Science</i> , 2019, 136, 46924.	1.3	12
56	Oriental Hornet (<i>Vespa orientalis</i>) Larval Extracts Induce Antiproliferative, Antioxidant, Anti-Inflammatory, and Anti-Migratory Effects on MCF7 Cells. <i>Molecules</i> , 2021, 26, 3303.	1.7	12
57	New 2-Oxopyridine/2-Thiopyridine Derivatives Tethered to a Benzotriazole with Cytotoxicity on MCF7 Cell Lines and with Antiviral Activities. <i>Letters in Drug Design and Discovery</i> , 2020, 17, 124-137.	0.4	12
58	Phylogeny and DNA Barcoding of the Family Sparidae Inferred from Mitochondrial DNA of the Egyptian Waters. <i>Journal of Fisheries and Aquatic Science</i> , 2017, 12, 73-81.	0.1	11
59	Anti-inflammatory effect of methoxyflavonoids from <i>Chiliadenus montanus</i> (Jasonia Montana) growing in Egypt. <i>Natural Product Research</i> , 2020, 35, 1-5.	1.0	10
60	Relationship between total protein concentration of seminal plasma and sperm characteristics of highly fertile, fertile and subfertile Barki ram semen collected by electroejaculation. <i>Small Ruminant Research</i> , 2016, 144, 90-99.	0.6	9
61	<i>Panax ginseng</i> modulates oxidative stress, DNA damage, apoptosis, and inflammations induced by silicon dioxide nanoparticles in rats. <i>Environmental Toxicology</i> , 2021, 36, 1362-1374.	2.1	9
62	Avocado Seeds Relieve Oxidative Stress-Dependent Nephrotoxicity but Enhance Immunosuppression Induced by Cyclosporine in Rats. <i>Antioxidants</i> , 2021, 10, 1194.	2.2	9
63	Effect of combined therapy with camel milk-derived exosomes, tamoxifen, and hesperidin on breast cancer. <i>Molecular and Cellular Toxicology</i> , 0, , 1.	0.8	9
64	Polymorphisms of the PRLR Gene and Their Association with Milk Production Traits in Egyptian Buffaloes. <i>Animals</i> , 2021, 11, 1237.	1.0	8
65	Regulation of chick early B-cell factor-1 gene expression in feather development. <i>Acta Histochemica</i> , 2014, 116, 577-582.	0.9	7
66	Shh regulates chick Ebf1 gene expression in somite development. <i>Gene</i> , 2015, 554, 87-95.	1.0	7
67	Effect of myostatin inhibitor (myostatin pro-peptide) microinjection on in vitro maturation and subsequent early developmental stages of buffalo embryo. <i>Theriogenology</i> , 2019, 126, 230-238.	0.9	7
68	The effect of genetic variations on ribavirin pharmacokinetics and treatment response in HCV-4 Egyptian patients receiving sofosbuvir/daclatasvir and ribavirin. <i>Biomedicine and Pharmacotherapy</i> , 2020, 121, 109657.	2.5	7
69	Regulation of Chick Ebf1-3 Gene Expression in the Pharyngeal Arches, Cranial Sensory Ganglia and Placodes. <i>Cells Tissues Organs</i> , 2014, 199, 278-293.	1.3	6
70	The effect of RA on the chick Ebf1-3 genes expression in somites and pharyngeal arches. <i>Development Genes and Evolution</i> , 2014, 224, 245-253.	0.4	6
71	Association of <i>LEPR</i> polymorphisms with egg production and growth performance in female Japanese quails. <i>Animal Biotechnology</i> , 2022, 33, 599-611.	0.7	6
72	Pea peels as a value-added food ingredient for snack crackers and dry soup. <i>Scientific Reports</i> , 2021, 11, 22747.	1.6	6

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73	Quercetin-Ameliorated, Multi-Walled Carbon Nanotubes-Induced Immunotoxic, Inflammatory, and Oxidative Effects in Mice. <i>Molecules</i> , 2022, 27, 2117.	1.7	6
74	Soya bean rich diet is associated with adult male rat aggressive behavior: relation to RF amide-related peptide 3-aromatase-neuroestrogen pathway in the brain. <i>Metabolic Brain Disease</i> , 2019, 34, 1103-1115.	1.4	5
75	Expression and function of Ebf1 gene during chondrogenesis in chick embryo limb buds. <i>Gene</i> , 2021, 803, 145895.	1.0	5
76	Pineal Gland Plays a Role in Gonadal Development after Eyelids Separation in Puppies. <i>International Journal of Morphology</i> , 2015, 33, 7-18.	0.1	5
77	Ginseng ameliorates pulmonary toxicity induced by silicon dioxide nanoparticles in rats. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2021, 11, 254.	0.5	5
78	MOLECULAR IDENTIFICATION OF <i>Aeromonas hydrophila</i> STRAINS RECOVERED FROM KAFRELSHEIKH FISH FARMS. <i>Slovenian Veterinary Research</i> , 0, , .	0.0	4
79	Quality enhancement of frozen Nile tilapia fillets using rosemary and thyme oil. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2020, 72, 1821-1829.	0.1	4
80	The evolving role of protein disulfide isomerase A3 in Egyptian bladder cancer patients. <i>Gene</i> , 2019, 693, 76-83.	1.0	3
81	MOLECULAR DETECTION OF INVA AND HILA VIRULENT GENES IN SALMONELLA SEROVARS ISOLATED FROM FRESH WATER FISH. <i>Slovenian Veterinary Research</i> , 0, , .	0.0	3
82	Association between a novel G94A single nucleotide polymorphism in ATP1A1 gene and type 2 diabetes mellitus among Egyptian patients. <i>Journal of Research in Medical Sciences</i> , 2019, 24, 62.	0.4	3
83	Thyroidectomy induces thyroglobulin formation by parotid salivary glands in rats. <i>Acta Histochemica</i> , 2020, 122, 151568.	0.9	2
84	Association of GH polymorphisms with growth traits in buffaloes. <i>Domestic Animal Endocrinology</i> , 2021, 74, 106541.	0.8	2
85	Therapeutic potential of snake venom, l-amino oxidase and sorafenib in hepatocellular carcinoma. <i>Molecular and Cellular Toxicology</i> , 0, , 1.	0.8	2
86	Identification of Single Nucleotide Polymorphisms in BMP 15 Gene in Egyptian buffaloes. <i>Alexandria Journal of Veterinary Sciences</i> , 2017, , 1.	0.0	2
87	25 (S)-Hydroxycholesterol acts as a possible dual enzymatic inhibitor of SARS-CoV-2 M ^{pro} and RdRp: an insight from molecular docking and dynamics simulation approaches. <i>Journal of Biomolecular Structure and Dynamics</i> , 2023, 41, 4744-4755.	2.0	2
88	<i>Aspergillus awamori</i> attenuates ochratoxin A-induced renal and cardiac injuries in rabbits by activating the Nrf2/HO-1 signaling pathway and downregulating IL1 β , TNF α , and iNOS gene expressions. <i>Environmental Science and Pollution Research</i> , 2022, 29, 69798-69817.	2.7	2
89	The role of chick Ebf genes in the mediolateral patterning of the somites. <i>Genesis</i> , 2019, 57, e23339.	0.8	0
90	Differential molecular and hormonal changes in oocytes, granulosa cells and follicular fluid of pregnant and non-pregnant camels. <i>Zygote</i> , 2021, 29, 427-434.	0.5	0

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91	Amygdalin Enhances the Antitumor Effect of Sorafenib. Egyptian Academic Journal of Biological Sciences D Histology & Histochemistry, 2021, 13, 61-68.	0.1	0
92	ASSOCIATION BETWEEN A31G SNP OF THE MYOSTATIN GENE AND SERUM LEVELS OF ALP, GOT, P AND CA IN EGYPTIAN BUFFALO (BUBALUS BUBALIS). Kafrelsheikh Veterinary Medical Journal, 2014, 12, 111-126.	0.4	0
93	LEPTIN GENE SNPS AND THEIR EFFECT ON MILK TRAITS IN EGYPTIAN BUFFALO (BUBALUS BUBALIS). Kafrelsheikh Veterinary Medical Journal, 2014, 12, 97-110.	0.4	0
94	IDENTIFICATION OF SINGLE NUCLEOTIDE POLYMORPHISMS IN GROWTH HORMONE SECRETAGOGUE RECEPTOR (GHSR) GENE IN NATIVE EGYPTIAN CHICKENS. Kafrelsheikh Veterinary Medical Journal, 2014, 12, 127-138.	0.4	0
95	Morphogenesis of the Early Development of the Skeletal Muscle in the El-Salam Chicken Strain. Alexandria Journal of Veterinary Sciences, 2015, 44, 15.	0.0	0
96	The Effect of Some Bio-Insecticides on the Cotton Leaf Worm Spodoptera littoralis (Boisd.) Larvae. Journal of Plant Protection and Pathology, 2017, 8, 215-218.	0.1	0
97	IDENTIFICATION OF SINGLE NUCLEOTIDE POLYMORPHISMS IN EXON 2 OF BONE MORPHOGENETIC PROTEIN 15 GENE IN EGYPTIAN BUFFALOES. Mansoura Veterinary Medical Journal, 2017, 18, 235-242.	0.2	0
98	ULTRASOUND-GUIDED BRACHIAL PLEXUS NERVE BLOCK IN DONKEYS. Slovenian Veterinary Research, 0, , .	0.0	0
99	Isolation and characterization of MHCIIA gene from Nile tilapia. Delta Journal of Science, 2019, 40, 78-87.	0.1	0
100	High-fructose diet induces earlier and more severe kidney damage than high-fat diet on rats. Egyptian Journal of Histology, 2020, .	0.0	0
101	Effect of supplementing flaxseed oil on growth and carcass traits of Friesian bulls. Journal of the Hellenic Veterinary Medical Society, 2021, 72, 3151.	0.1	0