

Mohamed Ragaa Mohamed

List of Publications by Year in descending order

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52
papers

1,340
citations

394421

19
h-index

361022

35
g-index

53
all docs

53
docs citations

53
times ranked

2042
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytokine determinants of viral tropism. <i>Nature Reviews Immunology</i> , 2009, 9, 645-655.	22.7	121
2	NF- κ B inhibitors: Strategies from poxviruses. <i>Cell Cycle</i> , 2009, 8, 3125-3132.	2.6	87
3	RIG-I Mediates the Co-Induction of Tumor Necrosis Factor and Type I Interferon Elicited by Myxoma Virus in Primary Human Macrophages. <i>PLoS Pathogens</i> , 2008, 4, e1000099.	4.7	81
4	Effect of selenium and silicon on transcription factors NAC5 and DREB2A involved in drought-responsive gene expression in rice. <i>Biologia Plantarum</i> , 2014, 58, 265-273.	1.9	81
5	The Addition of Tumor Necrosis Factor plus Beta Interferon Induces a Novel Synergistic Antiviral State against Poxviruses in Primary Human Fibroblasts. <i>Journal of Virology</i> , 2009, 83, 498-511.	3.4	77
6	Poxvirus Proteomics and Virus-Host Protein Interactions. <i>Microbiology and Molecular Biology Reviews</i> , 2009, 73, 730-749.	6.6	63
7	Co-Regulation of NF- κ B and Inflammasome-Mediated Inflammatory Responses by Myxoma Virus Pyrin Domain-Containing Protein M013. <i>PLoS Pathogens</i> , 2009, 5, e1000635.	4.7	60
8	Proteomic screening of variola virus reveals a unique NF- κ B inhibitor that is highly conserved among pathogenic orthopoxviruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 9045-9050.	7.1	59
9	The effect of Ginkgo biloba extract on 3-nitropropionic acid-induced neurotoxicity in rats. <i>Neurochemistry International</i> , 2011, 59, 770-778.	3.8	59
10	Influence of IL-6, IL-10, IFN- γ and TNF- α genetic variants on susceptibility to diabetic kidney disease in type 2 diabetes mellitus patients. <i>Biomarkers</i> , 2019, 24, 43-55.	1.9	53
11	Tumor necrosis factor and interferon: cytokines in harmony. <i>Current Opinion in Microbiology</i> , 2008, 11, 378-383.	5.1	52
12	Treating brain tumor-initiating cells using a combination of myxoma virus and rapamycin. <i>Neuro-Oncology</i> , 2013, 15, 904-920.	1.2	44
13	The anti-apoptotic and anti-inflammatory properties of puerarin attenuate 3-nitropropionic-acid induced neurotoxicity in rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 2014, 92, 252-258.	1.4	43
14	Cowpox Virus Expresses a Novel Ankyrin Repeat NF- κ B Inhibitor That Controls Inflammatory Cell Influx into Virus-Infected Tissues and Is Critical for Virus Pathogenesis. <i>Journal of Virology</i> , 2009, 83, 9223-9236.	3.4	39
15	Extracellular miR-145, miR-223 and miR-326 expression signature allow for differential diagnosis of immune-mediated neuroinflammatory diseases. <i>Journal of the Neurological Sciences</i> , 2017, 383, 188-198.	0.6	36
16	Umbelliferone and daphnetin ameliorate carbon tetrachloride-induced hepatotoxicity in rats via nuclear factor erythroid 2-related factor 2-mediated heme oxygenase-1 expression. <i>Environmental Toxicology and Pharmacology</i> , 2014, 38, 531-541.	4.0	33
17	Interaction between Nucleoside Triphosphate Phosphohydrolase I and the H4L Subunit of the Viral RNA Polymerase Is Required for Vaccinia Virus Early Gene Transcript Release. <i>Journal of Biological Chemistry</i> , 2000, 275, 25798-25804.	3.4	32
18	Myxoma and vaccinia viruses exploit different mechanisms to enter and infect human cancer cells. <i>Virology</i> , 2010, 401, 266-279.	2.4	26

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19	Assessment of the Prognostic Value of Methylation Status and Expression Levels of FHIT, GSTP1 and p16 in Non-Small Cell Lung Cancer in Egyptian Patients. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 4281-4287.	1.2	26
20	Time-course expression profile and diagnostic potential of a miRNA panel in exosomes and total serum in acute liver injury. <i>International Journal of Biochemistry and Cell Biology</i> , 2018, 100, 11-21.	2.8	20
21	Role of nanoparticles in osteogenic differentiation of bone marrow mesenchymal stem cells. <i>Cytotechnology</i> , 2020, 72, 1-22.	1.6	20
22	Puerarin Ameliorates 3-Nitropropionic Acid-Induced Neurotoxicity in Rats: Possible Neuromodulation and Antioxidant Mechanisms. <i>Neurochemical Research</i> , 2014, 39, 321-332.	3.3	16
23	Indole glucosinolates exhibit anti-inflammatory effects on Ehrlich ascites carcinoma cells through modulation of inflammatory markers and miRNAs. <i>Molecular Biology Reports</i> , 2021, 48, 6845-6855.	2.3	16
24	The Viral RNA Polymerase H4L Subunit Is Required for Vaccinia Virus Early Gene Transcription Termination. <i>Journal of Biological Chemistry</i> , 2001, 276, 20758-20765.	3.4	14
25	Osteoblast-Based Therapy A New Approach for Bone Repair in Osteoporosis: Pre-Clinical Setting. <i>Tissue Engineering and Regenerative Medicine</i> , 2020, 17, 363-373.	3.7	14
26	Tissue CA125 and HE4 Gene Expression Levels Offer Superior Accuracy in Discriminating Benign from Malignant Pelvic Masses. <i>Asian Pacific Journal of Cancer Prevention</i> , 2016, 17, 323-333.	1.2	14
27	Interaction between the J3R Subunit of Vaccinia Virus Poly(A) Polymerase and the H4L Subunit of the Viral RNA Polymerase. <i>Virology</i> , 2001, 280, 143-152.	2.4	11
28	Antibodies Directed against an Epitope in the N-Terminal Region of the H4L Subunit of the Vaccinia Virus RNA Polymerase Inhibit Both Transcription Initiation and Transcription Termination, in Vitro. <i>Virology</i> , 2002, 299, 142-153.	2.4	10
29	Effect of selected mutations in the C-terminal region of the vaccinia virus nucleoside triphosphate phosphohydrolase I on binding to the H4L subunit of the viral RNA polymerase and early gene transcription termination in vitro. <i>Virology</i> , 2003, 310, 109-117.	2.4	10
30	Vaccinia virus early gene transcription termination factors VTF and Rap94 interact with the U9 termination motif in the nascent RNA in a transcription ternary complex. <i>Virology</i> , 2008, 376, 225-235.	2.4	10
31	Involvement of serotonergic 5-HT1A/2A, alpha-adrenergic and dopaminergic D1 receptors in St. John's wort-induced prepulse inhibition deficit: A possible role of hyperforin. <i>Behavioural Brain Research</i> , 2009, 199, 334-339.	2.2	10
32	The potential neuroprotective effect of diosmin in rotenone-induced model of Parkinson's disease in rats. <i>European Journal of Pharmacology</i> , 2022, 914, 174573.	3.5	10
33	UUUUUNU Oligonucleotide Stimulation of Vaccinia Virus Early Gene Transcription Termination, in Trans. <i>Journal of Biological Chemistry</i> , 2003, 278, 11794-11801.	3.4	9
34	Transient and Inducible Expression of Vaccinia/T7 Recombinant Viruses. , 2004, 269, 41-50.		7
35	Determinants of vaccinia virus early gene transcription termination. <i>Virology</i> , 2008, 376, 211-224.	2.4	7
36	Proapoptotic and prepulse inhibition (PPI) disrupting effects of <i>Hypericum perforatum</i> in rats. <i>Journal of Ethnopharmacology</i> , 2009, 122, 561-566.	4.1	7

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37	Expression and prognostic relevance of long noncoding RNAs CRNDE and AOX2P in adult acute myeloid leukemia. <i>International Journal of Laboratory Hematology</i> , 2021, 43, 732-742.	1.3	7
38	Mesenchymal stem cells seeded onto nanofiber scaffold for myocardial regeneration. <i>Biotechnic and Histochemistry</i> , 2022, 97, 322-333.	1.3	7
39	UUUUUUNU Stimulation of Vaccinia Virus Early Gene Transcription Termination. <i>Journal of Biological Chemistry</i> , 2003, 278, 39534-39541.	3.4	6
40	Influence of Ionizing Radiation on Echis pyramidium Snake Venom: Biochemical and Immunological Aspects. <i>The Egyptian Journal of Hospital Medicine</i> , 2010, 40, 314-334.	0.1	6
41	Cloning and characterization of a cDNA fragment encoding a Schistosoma mansoni actin-binding protein (Smfilamin). <i>Parasitology Research</i> , 2008, 102, 1035-1042.	1.6	5
42	Copper (II)-Surfactant Complex and Its Nano Analog as Potential Antitumor Agents. <i>Journal of Dispersion Science and Technology</i> , 2009, 30, 1303-1309.	2.4	5
43	Role of bone marrow-derived mesenchymal stem cells in alleviating pulmonary epithelium damage and extracellular matrix remodeling in a rat model of lung fibrosis induced by amiodarone. <i>Biotechnic and Histochemistry</i> , 2021, 96, 418-430.	1.3	5
44	Therapeutic potential of targetedâ€œgold nanospheres on collagenâ€œinduced arthritis in rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021, 48, 1346-1357.	1.9	5
45	Role of CD71 in acute leukemiaâ€œ An immunophenotypic marker for erythroid lineage or proliferation?. <i>Indian Journal of Pathology and Microbiology</i> , 2019, 62, 418.	0.2	4
46	Camellia sinesis leaves extract ameliorates high fat diet-induced nonalcoholic steatohepatitis in rats: analysis of potential mechanisms. <i>Journal of Pharmaceutical Investigation</i> , 2021, 51, 183-197.	5.3	3
47	Effect of UTP sugar and base modifications on vaccinia virus early gene transcription. <i>Virology</i> , 2006, 349, 359-370.	2.4	2
48	Identification of novel small molecule inhibitors against the NS3/4A protease of hepatitis C virus genotype 4a. <i>Current Pharmaceutical Design</i> , 2019, 24, 4484-4491.	1.9	2
49	UUUUUUNU oligonucleotide inhibition of RNA synthesis in vaccinia virus cores. <i>Virology</i> , 2004, 324, 493-500.	2.4	1
50	Nanomaterial-induced mesenchymal stem cell differentiation into osteoblast for counteracting bone resorption in the osteoporotic rats. <i>Tissue and Cell</i> , 2021, 73, 101645.	2.2	1
51	Development of an efficient in vivo cell-based assay system for monitoring hepatitis C virus genotype 4a NS3/4A protease activity. <i>Indian Journal of Pathology and Microbiology</i> , 2019, 62, 391.	0.2	0
52	Association study of polymorphisms in ABCA7, clusterin, and MS4A6A genes with Alzheimerâ€™s disease in the Egyptian population. <i>Turkish Journal of Biochemistry</i> , 2020, 45, 757-765.	0.5	0