Mahmoud Huleihel

List of Publications by Year
in descending order

60 papers	1,397 citations	331670 21 h-index	345221 36 g-index
60 all docs	60 docs citations	60 times ranked	1607 citing authors

#	Article	IF	Citations
1	Antiviral effect of red microalgal polysaccharides on Herpes simplex and Varicella zoster viruses. Journal of Applied Phycology, 2001, 13, 127-134.	2.8	138
2	Potent antiviral flavone glycosides from Ficus benjamina leaves. FÃ¬toterapÃ¬Ã¢, 2012, 83, 362-367.	2.2	104
3	FTIR microscopy as a method for identification of bacterial and fungal infections. Journal of Pharmaceutical and Biomedical Analysis, 2005, 37, 1105-1108.	2.8	88
4	Novel spectral method for the study of viral carcinogenesis in vitro. Journal of Proteomics, 2002, 50, 111-121.	2.4	69
5	FTIR spectroscopic method for detection of cells infected with herpes viruses. Biopolymers, 2002, 67, 406-412.	2.4	64
6	Antiviral activity of ethanol extracts of Ficus binjamina and Lilium candidum in vitro. New Biotechnology, 2009, 26, 307-313.	4.4	60
7	Pre-screening and follow-up of childhood acute leukemia using biochemical infrared analysis of peripheral blood mononuclear cells. Biochimica Et Biophysica Acta - General Subjects, 2011, 1810, 827-835.	2.4	56
8	Early spectral changes of cellular malignant transformation using Fourier transform infrared microspectroscopy. Journal of Biomedical Optics, 2007, 12, 024003.	2.6	51
9	Continuous monitoring of WBC (biochemistry) in an adult leukemia patient using advanced FTIR-spectroscopy. Leukemia Research, 2006, 30, 687-693.	0.8	45
10	Metabolic pathways of N-methanocarbathymidine, a novel antiviral agent, in native and herpes simplex virus type 1 infected Vero cells. Antiviral Research, 2002, 55, 63-75.	4.1	44
11	FTIR spectroscopy examination of leukemia patients plasma. Vibrational Spectroscopy, 2006, 40, 40-46.	2.2	43
12	Monitoring of viral cancer progression using FTIR microscopy: A comparative study of intact cells and tissues. Biochimica Et Biophysica Acta - General Subjects, 2008, 1780, 1038-1046.	2.4	41
13	Understanding How the Herpes Thymidine Kinase Orchestrates Optimal Sugar and Nucleobase Conformations To Accommodate Its Substrate at the Active Site:Â A Chemical Approach. Journal of the American Chemical Society, 2005, 127, 15145-15150.	13.7	40
14	Identification of fungal phytopathogens using Fourier transform infrared-attenuated total reflection spectroscopy and advanced statistical methods. Journal of Biomedical Optics, 2012, 17, 017002.	2.6	38
15	FTIR microspectroscopy of malignant fibroblasts transformed by mouse sarcoma virus. Journal of Proteomics, 2003, 55, 141-153.	2.4	34
16	Activation of HTLV-I long terminal repeat by apoptosis inducing agents: mechanism and implications for HTLV-I pathogenicity (review). International Journal of Molecular Medicine, 2003, 11, 3-11.	4.0	31
17	The use of FTIR microscopy for the evaluation of anti-bacterial agents activity. Journal of Photochemistry and Photobiology B: Biology, 2009, 96, 17-23.	3.8	30
18	Preliminary results of evaluation of progress in chemotherapy for childhood leukemia patients employing Fourier-transform infrared microspectroscopy and cluster analysis. Translational Research, 2003, 141, 385-394.	2.3	27

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19	Effect of propolis and caffeic acid phenethyl ester (CAPE) on NFÎºB activation by HTLV-1 Tax. Antiviral Research, 2011, 90, 108-115.	4.1	27
20	Sculpting the Bicyclo[3.1.0]hexane Template of Carbocyclic Nucleosides to Improve Recognition by Herpes Thymidine Kinase. Journal of the American Chemical Society, 2007, 129, 6216-6222.	13.7	25
21	Potent Antiviral Activity of North-Methanocarbathymidine against Kaposi's Sarcoma-Associated Herpesvirus. Antimicrobial Agents and Chemotherapy, 2005, 49, 4965-4973.	3.2	23
22	Spectroscopic Characterization of Human and Mouse Primary Cells, Cell Lines and Malignant CellsÂ¶. Photochemistry and Photobiology, 2002, 76, 446.	2.5	20
23	Role of protein kinase C and the Sp1-p53 complex in activation of p21WAF-1 expression by 12-O-tetradecanoylphorbol-13-acetate in human T cells. Oncogene, 2003, 22, 5315-5324.	5.9	20
24	Anti-Herpetic Activity of Callissia fragrans and Simmondsia chinensis Leaf Extracts In Vitro~!2010-03-15~!2010-04-15~!2010-05-11~!. The Open Virology Journal, 2010, 4, 57-62.	1.8	19
25	Early and Rapid Detection of Potato's Fungal Infection by Fourier Transform Infrared Microscopy. Applied Spectroscopy, 2007, 61, 1052-1056.	2.2	16
26	Antiviral bioactivity of renewable polysaccharides against Varicella Zoster. Cell Cycle, 2019, 18, 3540-3549.	2.6	16
27	FTIR Microscopy Detection of Cells Infected With Viruses. , 2005, 292, 161-172.		15
28	Use of Fourier transform infrared microscopy for the evaluation of drug efficiency. Journal of Biomedical Optics, 2006, 11, 064009.	2.6	15
29	Spectroscopic detection and identification of infected cells with herpes viruses. Biopolymers, 2009, 91, 61-67.	2.4	14
30	FTIR microscopy as a method for detection of retrovirally transformed cells. Spectroscopy, 2001, 15, 57-64.	0.8	13
31	Spectroscopic Characterization of Normal Primary and Malignant Cells Transformed by Retroviruses. Applied Spectroscopy, 2002, 56, 640-645.	2.2	13
32	Activation of simian virus 40 promoter by HTLV-I Tax protein: role of NF-ÎºB and CBP. Biochemical and Biophysical Research Communications, 2004, 318, 1052-1056.	2.1	12
33	Detection of Vero Cells Infected with Herpes Simplex Types 1 and 2 and Varicella Zoster Viruses Using Raman Spectroscopy and Advanced Statistical Methods. PLoS ONE, 2016, 11, e0153599.	2.5	11
34	HTLV-1 Tax Oncoprotein Inhibits the Estrogen-Induced-ER Î±-Mediated BRCA1 Expression by Interaction with CBP/p300 Cofactors. PLoS ONE, 2014, 9, e89390.	2.5	11
35	The use of FTIR microscopy for evaluation of herpes viruses infection development kinetics. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2004, 60, 2355-2361.	3.9	10
36	Effect of mouse interferon on retrovirus production by chronically infected rat cells. Antiviral Research, 1982, 2, 167-175.	4.1	9

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37	Effect of mouse interferon on cell transformation and virus production in rat cells exogenously infected with moloney murine sarcoma and leukemia viruses. International Journal of Cancer, 1982, 29, 471-476.	5.1	9
38	HTLV-1 Tax-induced NF-Î²B activation is synergistically enhanced by 12-O-tetradecanoylphorbol-13-acetate: mechanism and implications for Tax oncogenicity. Journal of Molecular Medicine, 2008, 86, 799-814.	3.9	8
39	Differential effects of HTLV-1 Tax oncoprotein on the different estrogen-induced-ER Î±-mediated transcriptional activities. Cell Cycle, 2016, 15, 2626-2635.	2.6	8
40	Implications of the evolution pattern of human T-cell leukemia retroviruses on their pathogenic virulence (Review). International Journal of Molecular Medicine, 2004, 14, 909-15.	4.0	8
41	Chemical-retroviral cooperative carcinogenesis and its molecular basis in NIH/3T3 cells. Carcinogenesis, 1990, 11, 2097-2102.	2.8	7
42	Spectroscopic Evaluation of the Effect of a Red Microalgal Polysaccharide on Herpes-Infected Vero Cells. Applied Spectroscopy, 2003, 57, 390-395.	2.2	7
43	Mass spectroscopic and IR spectroscopic evaluation of abnormal biological samples. Vacuum, 2005, 78, 557-562.	3.5	6
44	Differential Role of PKC-Induced c-Jun in HTLV-1 LTR Activation by 12-O-Tetradecanoylphorbol-13-acetate in Different Human T-cell Lines. PLoS ONE, 2012, 7, e29934.	2.5	6
45	Differential Transcriptional Control of the H-2K and H-2D Loci of the Major Histocompatibility Complex in Fibrosacoma Cells. Immunological Investigations, 1991, 20, 475-485.	2.0	5
46	Dynamics of the antiviral activity of N-methanocarbathymidine against herpes simplex virus type 1 in cell culture. International Journal of Antimicrobial Agents, 2005, 25, 427-432.	2.5	5
47	Role of caspase 9 in activation of HTLV-1 LTR expression by DNA damaging agents. Cell Cycle, 2011, 10, 3337-3345.	2.6	5
48	The mechanism of interferon effect on cell transformation by murine sarcoma virus. International Journal of Cancer, 1983, 31, 737-743.	5.1	4
49	Effect of mouse interferon on chemical carcinogenesis in normal rat kidney cells infected with Moloney murine leukemia virus. Carcinogenesis, 1985, 6, 1787-1790.	2.8	4
50	MALDIâ€“TOF and FTIR microscopy analysis of blood serum from diarrhea patients. Spectroscopy, 2005, 19, 101-108.	0.8	4
51	Different molecular mechanisms of HTLV-1 and HIV LTR activation by TPA. Biochemical and Biophysical Research Communications, 2018, 500, 538-543.	2.1	4
52	Spectroscopic investigation of herpes simplex viruses infected cells and their response to antiviral therapy. Journal of Molecular Structure, 2006, 792-793, 99-103.	3.6	3
53	Human T-Cell Leukemia Virus Type 1: Transition from Latent Infection to Pathogenic Progression and Implications for Molecular Therapy. Current Cancer Therapy Reviews, 2006, 2, 101-113.	0.3	3
54	The mechanism of HTLV-1 LTR activation by TPA varies in different human T-cell lines: Role of specific PKC isoforms. Leukemia Research, 2010, 34, 93-99.	0.8	3

#	Article	IF	Citations
55	Effect of TPA and HTLV-1 Tax on BRCA1 and ERE controlled genes expression. Cell Cycle, 2017, 16, 1336-1344.	2.6	2
56	The effect of alcoholic extract from Eucalyptus camaldulensis leaves on HTLV-1 Tax activities. Cell Cycle, 2020, 19, 1768-1776.	2.6	2
57	Dominant negative Tax double mutants as molecular inhibitors for w.t. Tax gene functions. Leukemia Research, 2009, 33, 974-979.	0.8	1
58	Use of Fourier-Transform Infrared (FTIR) Microscopy Method for Detection of Phyto-Fungal Pathogens. , 2013, , 161-167.		1
59	Microspectroscopic investigation of malignant cells from cell culture and leukemic patients. Spectroscopy, 2003, 17, 469-476.	0.8	0
60	Spectroscopic Characterization of Human and Mouse Primary Cells, Cell Lines and Malignant CellsÂ¶. Photochemistry and Photobiology, 2007, 76, 446-451.	2.5	0