Ala-Eddin Al Moustafa

List of Publications by Year
in descending order

131 papers	3,208 citations	147801 31 h-index	182427 51 g-index
144 all docs	144 docs citations	144 times ranked	3403 citing authors

#	Article	IF	Citations
1	Heregulin selectively upregulates vascular endothelial growth factor secretion in cancer cells and stimulates angiogenesis. Oncogene, 2000, 19, 3460-3469.	5.9	224
2	Identification of genes associated with head and neck carcinogenesis by cDNA microarray comparison between matched primary normal epithelial and squamous carcinoma cells. Oncogene, 2002, 21, 2634-2640.	5.9	204
3	DNA Damage/Repair Management in Cancers. Cancers, 2020, 12, 1050.	3.7	166
4	Molecular Mechanisms of Colon Cancer Progression and Metastasis: Recent Insights and Advancements. International Journal of Molecular Sciences, 2021, 22, 130.	4.1	160
5	Cerium Oxide Nanoparticle Incorporated Electrospun Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) Membranes for Diabetic Wound Healing Applications. ACS Biomaterials Science and Engineering, 2020, 6, 58-70.	5.2	120
6	E6/E7 proteins of HPV type 16 and ErbB-2 cooperate to induce neoplastic transformation of primary normal oral epithelial cells. Oncogene, 2004, 23, 350-358.	5.9	107
7	Growth factor loaded in situ photocrosslinkable poly(3-hydroxybutyrate-co-3-hydroxyvalerate)/gelatin methacryloyl hybrid patch for diabetic wound healing. Materials Science and Engineering C, 2021, 118, 111519.	7.3	94
8	E6/E7 of HPV Type 16 Promotes Cell Invasion and Metastasis of Human Breast Cancer Cells. Cell Cycle, 2007, 6, 2038-2042.	2.6	83
9	Electrospun polyvinyl alcohol membranes incorporated with green synthesized silver nanoparticles for wound dressing applications. Journal of Materials Science: Materials in Medicine, 2018, 29, 163.	3.6	80
10	EGF-receptor signaling and epithelial-mesenchymal transition in human carcinomas. Frontiers in Bioscience - Scholar, 2012, S4, 671-684.	2.1	75
11	A comprehensive review on the antiviral activities of chalcones. Journal of Drug Targeting, 2021, 29, 403-419.	4.4	62
12	Emerging innate biological properties of nano-drug delivery systems: A focus on PAMAM dendrimers and their clinical potential. Advanced Drug Delivery Reviews, 2021, 178, 113908.	13.7	61
13	Association between human papillomavirus and Epstein-Barr virus infections in human oral carcinogenesis. Medical Hypotheses, 2009, 73, 184-186.	1.5	57
14	Regulation of E-cadherin/catenin complex patterns by epidermal growth factor receptor modulation in human lung cancer cells. Lung Cancer, 2002, 37, 49-56.	2.0	48
15	Epsteinâ€“Barr Virus and Human Papillomaviruses Interactions and Their Roles in the Initiation of Epithelialâ€“Mesenchymal Transition and Cancer Progression. Frontiers in Oncology, 2018, 8, 111.	2.8	48
16	High-Risk HPV Oncoproteins and PD-1/PD-L1 Interplay in Human Cervical Cancer: Recent Evidence and Future Directions. Frontiers in Oncology, 2020, 10, 914.	2.8	45
17	Teucrium polium plant extract inhibits cell invasion and motility of human prostate cancer cells via the restoration of the E-cadherin/catenin complex. Journal of Ethnopharmacology, 2010, 129, 410-415.	4.1	43
18	Epsteinâ€“Barr Virus in Gliomas: Cause, Association, or Artifact?. Frontiers in Oncology, 2018, 8, 123.	2.8	43

#	Article	IF	Citations
19	Co-prevalence of Epsteinâ€“Barr virus and high-risk human papillomaviruses in Syrian women with breast cancer. Human Vaccines and Immunotherapeutics, 2016, 12, 1-4.	3.3	42
20	Titanium Nanorods Loaded PCL Meshes with Enhanced Blood Vessel Formation and Cell Migration for Wound Dressing Applications. Macromolecular Bioscience, 2019, 19, e1900058.	4.1	41
21	Crosstalk between HER2 and PD-1/PD-L1 in Breast Cancer: From Clinical Applications to Mathematical Models. Cancers, 2020, 12, 636.	3.7	40
22	High-Risk HPV/ErbB-2 Interaction on E-Cadherin/Catenin Regulation in Human Carcinogenesis. Current Pharmaceutical Design, 2008, 14, 2159-2172.	1.9	39
23	Significant toxic role for single-walled carbon nanotubes during normal embryogenesis. Nanomedicine: Nanotechnology, Biology, and Medicine, 2013, 9, 945-950.	3.3	39
24	Human papillomaviruses-related cancers. Human Vaccines and Immunotherapeutics, 2014, 10, 1812-1821.	3.3	39
25	Gene Expression and miRNAs Profiling: Function and Regulation in Human Epidermal Growth Factor Receptor 2 (HER2)-Positive Breast Cancer. Cancers, 2019, 11, 646.	3.7	37
26	Locking Src/Abl Tyrosine Kinase Activities Regulate Cell Differentiation and Invasion of Human Cervical Cancer Cells Expressing E6/E7 Oncoproteins of High-Risk HPV. Journal of Oncology, 2010, 2010, 1-10.	1.3	36
27	Triple Negative Breast Cancer Profile, from Gene to microRNA, in Relation to Ethnicity. Cancers, 2019, 11, 363.	3.7	35
28	ErbB receptors and epithelial-cadherinâ€“catenin complex in human carcinomas. Future Oncology, 2006, 2, 765-781.	2.4	34
29	Cyclin D1 is essential for neoplastic transformation induced by both E6/E7 and E6/E7/ErbB-2 cooperation in normal cells. Oncogene, 2004, 23, 5252-5256.	5.9	33
30	MXene Nanosheets May Induce Toxic Effect on the Early Stage of Embryogenesis. Journal of Biomedical Nanotechnology, 2020, 16, 364-372.	1.1	33
31	Epstein-Barr virus (EBV) status in colorectal cancer: a mini review. Human Vaccines and Immunotherapeutics, 2019, 15, 603-610.	3.3	32
32	Water pipe smoking and human oral cancers. Medical Hypotheses, 2010, 74, 457-459.	1.5	31
33	Identification of deregulated genes by single wall carbon-nanotubes in human normal bronchial epithelial cells. Nanomedicine: Nanotechnology, Biology, and Medicine, 2010, 6, 563-569.	3.3	30
34	Epithelial-mesenchymal transition and its regulators are major targets of triple-negative breast cancer. Cell Adhesion and Migration, 2013, 7, 424-425.	2.7	28
35	The Role of Epsteinâ€“Barr Virus in Cervical Cancer: A Brief Update. Frontiers in Oncology, 2018, 8, 113.	2.8	28
36	Dual effect of erbB-2 depletion on the regulation of DNA repair and cell cycle mechanisms in non-small cell lung cancer cells. Oncogene, 1998, 17, 3177-3186.	5.9	27

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37	Co-Incidence of Epsteinâ€“Barr Virus and High-Risk Human Papillomaviruses in Cervical Cancer of Syrian Women. Frontiers in Oncology, 2018, 8, 250.	2.8	27
38	Design, synthesis, and validation of novel nitrogen-based chalcone analogs against triple negative breast cancer. European Journal of Medicinal Chemistry, 2020, 187, 111954.	5.5	27
39	Reinforcement learning-based control of tumor growth under anti-angiogenic therapy. Computer Methods and Programs in Biomedicine, 2019, 173, 15-26.	4.7	25
40	Co-presence of human papillomaviruses and Epsteinâ€“Barr virus is linked with advanced tumor stage: a tissue microarray study in head and neck cancer patients. Cancer Cell International, 2020, 20, 361.	4.1	25
41	Incidence of Epsteinâ€“Barr virus in Syrian women with breast cancer: A tissue microarray study. Human Vaccines and Immunotherapeutics, 2015, 11, 951-955.	3.3	24
42	E5 and E6/E7 of high-risk HPVs cooperate to enhance cancer progression through EMT initiation. Cell Adhesion and Migration, 2015, 9, 392-393.	2.7	24
43	Co-presence of Epsteinâ€“Barr virus and high-risk human papillomaviruses in Syrian colorectal cancer samples. Human Vaccines and Immunotherapeutics, 2020, 16, 2403-2407.	3.3	24
44	High-Risk HPVs and Human Carcinomas in the Syrian Population. Frontiers in Oncology, 2014, 4, 68.	2.8	23
45	The co-presence of high-risk human papillomaviruses and Epstein-Barr virus is linked with tumor grade and stage in Qatari women with breast cancer. Human Vaccines and Immunotherapeutics, 2021, 17, 982-989.	3.3	23
46	A comprehensive review summarizing the recent biomedical applications of functionalized carbon nanofibers. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2021, 109, 1893-1908.	3.4	23
47	SnoRNAs and miRNAs Networks Underlying COVID-19 Disease Severity. Vaccines, 2021, 9, 1056.	4.4	22
48	ErbB-2 Receptor Cooperates with E6/E7 Oncoproteins of HPV Type 16 in Breast Tumorigenesis. Cell Cycle, 2007, 6, 2939-2943.	2.6	21
49	High-risk human papillomavirus infections in colorectal cancer in the Syrian population and their association with Fascin, Id-1 and P-cadherin expressions: A tissue microarray study. Clinical Cancer Investigation Journal, 2012, 1, 26.	0.9	21
50	BRCA1 mutations contribute to cell motility and invasion by affecting its main regulators. Cell Cycle, 2008, 7, 3781-3783.	2.6	20
51	High-Risk Human Papillomaviruses and Epsteinâ€“Barr Virus in Colorectal Cancer and Their Association with Clinicopathological Status. Pathogens, 2020, 9, 452.	2.8	19
52	Human Papillomaviruses and Epsteinâ€“Barr Virus Interactions in Colorectal Cancer: A Brief Review. Pathogens, 2020, 9, 300.	2.8	17
53	Structure-based Minimization of Transforming Growth Factor-Î± (TGF-Î±) through NMR Analysis of the Receptor-bound Ligand. Journal of Biological Chemistry, 1998, 273, 27357-27363.	3.4	16
54	Epsteinâ€“Barr virus and its association with Fascin expression in colorectal cancers in the Syrian population: A tissue microarray study. Human Vaccines and Immunotherapeutics, 2017, 13, 1573-1578.	3.3	16

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55	Elaeagnus angustifolia Plant Extract Inhibits Angiogenesis and Downgrades Cell Invasion of Human Oral Cancer Cells via Erk1/Erk2 Inactivation. Nutrition and Cancer, 2018, 70, 297-305.	2.0	16
56	Gelatin-methacryloyl hydrogel based inÂvitro bloodâ€“brain barrier model for studying breast cancer-associated brain metastasis. Pharmaceutical Development and Technology, 2021, 26, 490-500.	2.4	16
57	Critical role for D-type cyclins in cellular transformation induced by E6/E7 of human papillomavirus type 16 and E6/E7/ErbB-2 cooperation. Cancer Science, 2007, 98, 973-977.	3.9	15
58	Involvement of human papillomavirus infections in prostate cancer progression. Medical Hypotheses, 2008, 71, 209-211.	1.5	15
59	Impact of single-walled carbon nanotubes on the embryo: a brief review. International Journal of Nanomedicine, 2016, 11, 349.	6.7	15
60	Elaeagnus angustifolia Plant Extract Inhibits Epithelial-Mesenchymal Transition and Induces Apoptosis via HER2 Inactivation and JNK Pathway in HER2-Positive Breast Cancer Cells. Molecules, 2020, 25, 4240.	3.8	15
61	Co-incidence of Human Papillomaviruses and Epsteinâ€“Barr Virus Is Associated With High to Intermediate Tumor Grade in Human Head and Neck Cancer in Syria. Frontiers in Oncology, 2020, 10, 1016.	2.8	15
62	Substantial cell apoptosis provoked by naked PAMAM dendrimers in HER2-positive human breast cancer via JNK and ERK1/ERK2 signalling pathways. Computational and Structural Biotechnology Journal, 2021, 19, 2881-2890.	4.1	15
63	SARS-CoV-2 Infection and Lung Cancer: Potential Therapeutic Modalities. Cancers, 2020, 12, 2186.	3.7	14
64	Catechol-O-methyltransferase Val 108/158 Met polymorphism and breast cancer risk: a case control study in Syria. Breast Cancer, 2013, 20, 62-66.	2.9	13
65	HER-2/Epstein-Barr virus crosstalk in human gastric carcinogenesis: A novel concept of oncogene/oncovirus interaction. Cell Adhesion and Migration, 2018, 12, 1-4.	2.7	13
66	Breast Cancer During Pregnancy: A Marked Propensity to Triple-Negative Phenotype. Frontiers in Oncology, 2020, 10, 580345.	2.8	13
67	Presence of high-risk HPVs, EBV, and MMTV in human triple-negative breast cancer. Human Vaccines and Immunotherapeutics, 2021, 17, 4457-4466.	3.3	13
68	Role of E6/E7 onco-proteins of high-risk human papillomaviruses in human colorectal carcinogenesis. Cell Cycle, 2009, 8, 1964-1965.	2.6	12
69	Circulating miRNAs in HER2-Positive and Triple Negative Breast Cancers: Potential Biomarkers and Therapeutic Targets. International Journal of Molecular Sciences, 2020, 21, 6750.	4.1	12
70	Targeting triple negative breast cancer heterogeneity with chalcones: a molecular insight. Journal of Drug Targeting, 2019, 27, 830-838.	4.4	11
71	Mathematical Models of Cancer and Different Therapies. Series in Bioengineering, 2021, , .	0.6	11
72	High-Risk Human Papillomaviruses and Epstein-Barr Virus Presence and Crosstalk in Human Oral Carcinogenesis. , 2017, , 83-94.		10

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73	Substantial Toxic Effect of Water-Pipe Smoking on the Early Stage of Embryonic Development. Nicotine and Tobacco Research, 2018, 20, 502-507.	2.6	10
74	SARS-CoV-2 infection and smoking: What is the association? A brief review. Computational and Structural Biotechnology Journal, 2021, 19, 1654-1660.	4.1	10
75	HPV and Recurrent Respiratory Papillomatosis: A Brief Review. Life, 2021, 11, 1279.	2.4	10
76	Src inhibitors are promising therapy molecules for human cervical carcinomas. Medical Hypotheses, 2011, 77, 812-814.	1.5	9
77	Water-pipe smoking promotes epithelialâ€“mesenchymal transition and invasion of human breast cancer cells via ERK1/ERK2 pathways. Cancer Cell International, 2018, 18, 180.	4.1	9
78	Co-prevalence of human Papillomaviruses (HPV) and Epsteinâ€“Barr virus (EBV) in healthy blood donors from diverse nationalities in Qatar. Cancer Cell International, 2020, 20, 107.	4.1	9
79	Dasatinib and PD-L1 inhibitors provoke toxicity and inhibit angiogenesis in the embryo. Biomedicine and Pharmacotherapy, 2021, 134, 111134.	5.6	9
80	Targets of v-myc tumorigenesis in the avian embryo depend on time and not on site of retroviral infection. Cell Differentiation and Development, 1988, 25, 119-134.	0.4	8
81	Does the vesicular stomatitis virus really have a selective oncolytic effect in human cancer?. International Journal of Cancer, 2010, 126, 2509-2510.	5.1	8
82	Elaeagnus angustifolia Plant Extract Induces Apoptosis via P53 and Signal Transducer and Activator of Transcription 3 Signaling Pathways in Triple-Negative Breast Cancer Cells. Frontiers in Nutrition, 2022, 9, 871667.	3.7	8
83	Black Cellular Spreading and Motility Assay. BioTechniques, 1999, 27, 60-62.	1.8	7
84	Does the Syrian population have to wait for the new generation of human papillomaviruses vaccine?. Human Vaccines and Immunotherapeutics, 2012, 8, 1867-1868.	3.3	7
85	Significant Toxic Effect of Carbon Nanofibers at the Early Stage of Embryogenesis. Journal of Biomedical Nanotechnology, 2020, 16, 975-984.	1.1	7
86	A novel in ovo model to study cancer metastasis using chicken embryos and GFP expressing cancer cells. Bosnian Journal of Basic Medical Sciences, 2020, 20, 140-148.	1.0	7
87	Fascin in Gynecological Cancers: An Update of the Literature. Cancers, 2021, 13, 5760.	3.7	7
88	Haematococcus pluvialis Microalgae Extract Inhibits Proliferation, Invasion, and Induces Apoptosis in Breast Cancer Cells. Frontiers in Nutrition, 2022, 9, .	3.7	7
89	Molecular remodelling in hypertrophied hearts from polyomavirus large T-antigen transgenic mice. Molecular and Cellular Biochemistry, 1995, 152, 131-141.	3.1	6
90	Editorial: EBV-Associated Carcinomas: Presence, Role, and Prevention Strategies. Frontiers in Oncology, 2018, 8, 528.	2.8	6

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91	Oncoproteins of High-Risk HPV and EBV Cooperate to Enhance Cell Motility and Invasion of Human Breast Cancer Cells via Erk1/Erk2 and Î²-Catenin Signaling Pathways. Frontiers in Oncology, 2021, 11, 630408.	2.8	6
92	Copresence of High-Risk Human Papillomaviruses and Epsteinâ€“Barr Virus in Colorectal Cancer: A Tissue Microarray and Molecular Study from Lebanon. International Journal of Molecular Sciences, 2021, 22, 8118.	4.1	6
93	Novel Nitrogen-Based Chalcone Analogs Provoke Substantial Apoptosis in HER2-Positive Human Breast Cancer Cells via JNK and ERK1/ERK2 Signaling Pathways. International Journal of Molecular Sciences, 2021, 22, 9621.	4.1	6
94	Naked Poly(amidoamine) Dendrimer Nanoparticles Exhibit Intrinsic Embryotoxicity During the Early Stages of Normal Development. Journal of Biomedical Nanotechnology, 2020, 16, 1454-1462.	1.1	6
95	Novel Polymethoxylated Chalcones as Potential Compounds Against KRAS-Mutant Colorectal Cancers. Current Pharmaceutical Design, 2020, 26, 1622-1633.	1.9	6
96	Implications of Gut Microbiota in Epithelialâ€“Mesenchymal Transition and Cancer Progression: A Concise Review. Cancers, 2022, 14, 2964.	3.7	6
97	Water-Pipe Smoking Exposure Deregulates a Set of Genes Associated with Human Head and Neck Cancer Development and Prognosis. Toxics, 2020, 8, 73.	3.7	5
98	E-Cigarette Liquid Provokes Significant Embryotoxicity and Inhibits Angiogenesis. Toxics, 2020, 8, 38.	3.7	5
99	Current tobacco and water-pipe smoking enhance human cancer invasion and metastasis. International Journal of Cancer, 2013, 132, 990-991.	5.1	3
100	Fasting inhibits human cancer progression via the epithelial-mesenchymal transition process: Important evidence unraveled. Clinical Cancer Investigation Journal, 2012, 1, 181.	0.9	3
101	Teucrium Polium Plant Extract Provokes Substantial Cytotoxicity at the Early Stage of Embryonic Development. Bosnian Journal of Basic Medical Sciences, 2019, 19, 67-71.	1.0	3
102	Water-pipe smoking and serum testosterone levels in adult males in Qatar. Tobacco Induced Diseases, 2019, 17, 19.	0.6	3
103	Association between waterpipe smoking and obesity: Population-based study in Qatar. Tobacco Induced Diseases, 2022, 20, 1-9.	0.6	3
104	Effect of cellâ€phone radiofrequency on angiogenesis and cell invasion in human head and neck cancer cells. Head and Neck, 2018, 40, 2166-2171.	2.0	2
105	Low power ultrasound inhibits cell proliferation and invasion of human cancer cells in vitro. Clinical Cancer Investigation Journal, 2012, 1, 51.	0.9	2
106	DNA Damage/Repair Management in Cancers. , 2021, , 309-339.		2
107	Real-time continuous dielectrophoretic separation of malignant cells. , 2008, , .		1
108	Involvement of water pipe smoking in the development of human pancreatic cancer. International Journal of Cancer, 2010, 127, 497-498.	5.1	1

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109	A new concept to measure cell proliferation using Fourier transform infrared spectroscopy. Medical Hypotheses, 2012, 79, 171-173.	1.5	1
110	High-Risk Human Papillomavirus and Colorectal Carcinogenesis. , 2016, , .		1
111	Role of Qat Chewing and Mate Consumption in Human Oral Carcinogenesis. , 2017, , 133-145.		1
112	Mesoporous silica coated carbon nanofibers reduce embryotoxicity via ERK and JNK pathways. Materials Science and Engineering C, 2021, 122, 111910.	7.3	1
113	Role of High-Risk Human Papillomaviruses in Breast Carcinogenesis. , 2014, , 243-260.		1
114	The Effect of Surface-Modified Gold Nanorods on the Early Stage of Embryonic Development and Angiogenesis: Insight into the Molecular Pathways. International Journal of Molecular Sciences, 2021, 22, 11036.	4.1	1
115	Effect of Water-Pipe Smoking on the Normal Development of Zebrafish. International Journal of Environmental Research and Public Health, 2021, 18, 11659.	2.6	1
116	Impact of Smoking on COVID-19 Symptoms in Non-Vaccinated Patients: A Matched Observational Study from Qatar. Journal of Multidisciplinary Healthcare, 2022, Volume 15, 531-540.	2.7	1
117	Antibacterial and Antibiofilm Activity of Mercaptophenol Functionalized-Gold Nanorods Against a Clinical Isolate of Methicillin-Resistant Staphylococcus aureus. Journal of Inorganic and Organometallic Polymers and Materials, 2022, 32, 2527-2537.	3.7	1
118	Human cervical carcinomas and EGF-R tyrosine kinase inhibitors. Gynecologic Oncology, 2008, 109, 308.	1.4	0
119	Reply to the letter to the editor by Chaouachi and Sajid: cancer risks of hookah (shisha, narghile) tobacco use require further independent sound studies. International Journal of Cancer, 2010, 127, 1739-1740.	5.1	0
120	On the Feasibility of anIn VitroNoninvasive Absorbance-Based Cell Proliferation Analysis Technique, Using Cell Culture Media. Spectroscopy Letters, 2013, 46, 403-407.	1.0	0
121	Specific gene patterns and molecular pathways related to human carcinogenesis in different populations among various geographic locations. Cancer, 2016, 122, 1134-1135.	4.1	0
122	Middle-Eastern association for cancer research and its activities dreams come true. Clinical Cancer Investigation Journal, 2012, 1, 1.	0.9	0
123	E-Cadherin/Catenin Complex Modulations in Human Oral Cancer. , 2015, , 169-187.		0
124	The Middle-Eastern Association for Cancer Research: We did it. Clinical Cancer Investigation Journal, 2015, 4, 1.	0.9	0
125	Aspirin inhibits breast cancer progression via the switch of epithelial-mesenchymal into mesenchymal-epithelial event. Clinical Cancer Investigation Journal, 2015, 4, 501.	0.9	0
126	Abstract 2243: Cell-phone radiofrequency enhances angiogenesis and stimulates cell invasion of human head and neck cancer cells. , 2018, , .		0

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127	Abstract 1873: Water-pipe smoking induces epithelial-mesenchymal transition and enhances cell invasion of human breast cancer cells. , 2019, , .		0
128	The Combination of Dasatinib and PD L1 inhibitor prevents the progression of epithelial mesenchymal transition and dramatically blocks cell invasion of HER2 positive breast cancer cells. , 2021, , .		0
129	Waterpipe smoking and women's health: From pregnancy to breast cancer. Clinical Cancer Investigation Journal, 2020, 9, 107.	0.9	0
130	Design, Synthesis and Biological Evaluation of Novel Chalcone Analogs as Potential Therapeutic Agents for Castration-Resistant Prostate Cancer. , 2020, , .		0
131	Abstract 1873: Water-pipe smoking induces epithelial-mesenchymal transition and enhances cell invasion of human breast cancer cells. , 2019, , .		0