

Ala-Eddin Al Moustafa

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

120
papers

1,991
citations

24
h-index

40
g-index

144
ext. papers

2,591
ext. citations

4.5
avg, IF

5.22
L-index

#	Paper	IF	Citations
120	Heregulin selectively upregulates vascular endothelial growth factor secretion in cancer cells and stimulates angiogenesis. <i>Oncogene</i> , 2000 , 19, 3460-9	9.2	197
119	Identification of genes associated with head and neck carcinogenesis by cDNA microarray comparison between matched primary normal epithelial and squamous carcinoma cells. <i>Oncogene</i> , 2002 , 21, 2634-40	9.2	194
118	E6/E7 proteins of HPV type 16 and ErbB-2 cooperate to induce neoplastic transformation of primary normal oral epithelial cells. <i>Oncogene</i> , 2004 , 23, 350-8	9.2	92
117	Cerium Oxide Nanoparticle Incorporated Electrospun Poly(3-hydroxybutyrate--3-hydroxyvalerate) Membranes for Diabetic Wound Healing Applications. <i>ACS Biomaterials Science and Engineering</i> , 2020 , 6, 58-70	5.5	69
116	E6/E7 of HPV type 16 promotes cell invasion and metastasis of human breast cancer cells. <i>Cell Cycle</i> , 2007 , 6, 2038-42	4.7	66
115	EGF-receptor signaling and epithelial-mesenchymal transition in human carcinomas. <i>Frontiers in Bioscience - Scholar</i> , 2012 , 4, 671-84	2.4	57
114	DNA Damage/Repair Management in Cancers. <i>Cancers</i> , 2020 , 12,	6.6	50
113	Association between human papillomavirus and Epstein-Barr virus infections in human oral carcinogenesis. <i>Medical Hypotheses</i> , 2009 , 73, 184-6	3.8	47
112	Electrospun polyvinyl alcohol membranes incorporated with green synthesized silver nanoparticles for wound dressing applications. <i>Journal of Materials Science: Materials in Medicine</i> , 2018 , 29, 163	4.5	46
111	Regulation of E-cadherin/catenin complex patterns by epidermal growth factor receptor modulation in human lung cancer cells. <i>Lung Cancer</i> , 2002 , 37, 49-56	5.9	45
110	Molecular Mechanisms of Colon Cancer Progression and Metastasis: Recent Insights and Advancements. <i>International Journal of Molecular Sciences</i> , 2020 , 22,	6.3	41
109	Growth factor loaded in situ photocrosslinkable poly(3-hydroxybutyrate-co-3-hydroxyvalerate)/gelatin methacryloyl hybrid patch for diabetic wound healing. <i>Materials Science and Engineering C</i> , 2021 , 118, 111519	8.3	37
108	Significant toxic role for single-walled carbon nanotubes during normal embryogenesis. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2013 , 9, 945-50	6	36
107	Teucrium polium plant extract inhibits cell invasion and motility of human prostate cancer cells via the restoration of the E-cadherin/catenin complex. <i>Journal of Ethnopharmacology</i> , 2010 , 129, 410-5	5	34
106	ErbB receptors and epithelial-cadherin-catenin complex in human carcinomas. <i>Future Oncology</i> , 2006 , 2, 765-81	3.6	32
105	Epstein-Barr Virus and Human Papillomaviruses Interactions and Their Roles in the Initiation of Epithelial-Mesenchymal Transition and Cancer Progression. <i>Frontiers in Oncology</i> , 2018 , 8, 111	5.3	31
104	Human papillomaviruses-related cancers. Presence and prevention strategies in the Middle east and north African regions. <i>Human Vaccines and Immunotherapeutics</i> , 2014 , 10, 1812-21	4.4	30

103	Water pipe smoking and human oral cancers. <i>Medical Hypotheses</i> , 2010 , 74, 457-9	3.8	30
102	Cyclin D1 is essential for neoplastic transformation induced by both E6/E7 and E6/E7/ErbB-2 cooperation in normal cells. <i>Oncogene</i> , 2004 , 23, 5252-6	9.2	30
101	Co-prevalence of Epstein-Barr virus and high-risk human papillomaviruses in Syrian women with breast cancer. <i>Human Vaccines and Immunotherapeutics</i> , 2016 , 12, 1936-9	4.4	30
100	High-risk HPV/ErbB-2 interaction on E-cadherin/catenin regulation in human carcinogenesis. <i>Current Pharmaceutical Design</i> , 2008 , 14, 2159-72	3.3	29
99	Locking Src/Abl Tyrosine Kinase Activities Regulate Cell Differentiation and Invasion of Human Cervical Cancer Cells Expressing E6/E7 Oncoproteins of High-Risk HPV. <i>Journal of Oncology</i> , 2010 , 2010,	4.5	28
98	Identification of deregulated genes by single wall carbon-nanotubes in human normal bronchial epithelial cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2010 , 6, 563-9	6	28
97	Dual effect of erbB-2 depletion on the regulation of DNA repair and cell cycle mechanisms in non-small cell lung cancer cells. <i>Oncogene</i> , 1998 , 17, 3177-86	9.2	25
96	Epstein-Barr Virus in Gliomas: Cause, Association, or Artifact?. <i>Frontiers in Oncology</i> , 2018 , 8, 123	5.3	24
95	Titanium Nanorods Loaded PCL Meshes with Enhanced Blood Vessel Formation and Cell Migration for Wound Dressing Applications. <i>Macromolecular Bioscience</i> , 2019 , 19, e1900058	5.5	23
94	Triple Negative Breast Cancer Profile, from Gene to microRNA, in Relation to Ethnicity. <i>Cancers</i> , 2019 , 11,	6.6	21
93	Co-Incidence of Epstein-Barr Virus and High-Risk Human Papillomaviruses in Cervical Cancer of Syrian Women. <i>Frontiers in Oncology</i> , 2018 , 8, 250	5.3	21
92	Gene Expression and miRNAs Profiling: Function and Regulation in Human Epidermal Growth Factor Receptor 2 (HER2)-Positive Breast Cancer. <i>Cancers</i> , 2019 , 11,	6.6	20
91	Incidence of Epstein-Barr virus in Syrian women with breast cancer: A tissue microarray study. <i>Human Vaccines and Immunotherapeutics</i> , 2015 , 11, 951-5	4.4	20
90	Crosstalk between HER2 and PD-1/PD-L1 in Breast Cancer: From Clinical Applications to Mathematical Models. <i>Cancers</i> , 2020 , 12,	6.6	19
89	Epithelial-mesenchymal transition and its regulators are major targets of triple-negative breast cancer. <i>Cell Adhesion and Migration</i> , 2013 , 7, 424-5	3.2	19
88	The Role of Epstein-Barr Virus in Cervical Cancer: A Brief Update. <i>Frontiers in Oncology</i> , 2018 , 8, 113	5.3	18
87	High-Risk HPVs and Human Carcinomas in the Syrian Population. <i>Frontiers in Oncology</i> , 2014 , 4, 68	5.3	18
86	High-Risk HPV Oncoproteins and PD-1/PD-L1 Interplay in Human Cervical Cancer: Recent Evidence and Future Directions. <i>Frontiers in Oncology</i> , 2020 , 10, 914	5.3	17

85	MXene Nanosheets May Induce Toxic Effect on the Early Stage of Embryogenesis. <i>Journal of Biomedical Nanotechnology</i> , 2020 , 16, 364-372	4	17
84	E5 and E6/E7 of high-risk HPVs cooperate to enhance cancer progression through EMT initiation. <i>Cell Adhesion and Migration</i> , 2015 , 9, 392-3	3.2	16
83	ErbB-2 receptor cooperates with E6/E7 oncoproteins of HPV type 16 in breast tumorigenesis. <i>Cell Cycle</i> , 2007 , 6, 2939-43	4.7	16
82	BRCA1 mutations contribute to cell motility and invasion by affecting its main regulators. <i>Cell Cycle</i> , 2008 , 7, 3781-3	4.7	14
81	Epstein-Barr virus (EBV) status in colorectal cancer: a mini review. <i>Human Vaccines and Immunotherapeutics</i> , 2019 , 15, 603-610	4.4	14
80	Involvement of human papillomavirus infections in prostate cancer progression. <i>Medical Hypotheses</i> , 2008 , 71, 209-11	3.8	13
79	Epstein-Barr virus and its association with Fascin expression in colorectal cancers in the Syrian population: A tissue microarray study. <i>Human Vaccines and Immunotherapeutics</i> , 2017 , 13, 1573-1578	4.4	12
78	Co-presence of Epstein-Barr virus and high-risk human papillomaviruses in Syrian colorectal cancer samples. <i>Human Vaccines and Immunotherapeutics</i> , 2020 , 16, 2403-2407	4.4	12
77	Elaeagnus angustifolia Plant Extract Inhibits Angiogenesis and Downgrades Cell Invasion of Human Oral Cancer Cells via Erk1/Erk2 Inactivation. <i>Nutrition and Cancer</i> , 2018 , 70, 297-305	2.8	12
76	Critical role for D-type cyclins in cellular transformation induced by E6/E7 of human papillomavirus type 16 and E6/E7/ErbB-2 cooperation. <i>Cancer Science</i> , 2007 , 98, 973-7	6.9	12
75	Structure-based minimization of transforming growth factor-alpha (TGF-alpha) through NMR analysis of the receptor-bound ligand. Design, solution structure, and activity of TGF-alpha 8-50. <i>Journal of Biological Chemistry</i> , 1998 , 273, 27357-63	5.4	12
74	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. <i>Clinical Cancer Investigation Journal</i> , 2012 , 1, 26	0.2	12
73	Impact of single-walled carbon nanotubes on the embryo: a brief review. <i>International Journal of Nanomedicine</i> , 2016 , 11, 349-55	7.3	12
72	Reinforcement learning-based control of tumor growth under anti-angiogenic therapy. <i>Computer Methods and Programs in Biomedicine</i> , 2019 , 173, 15-26	6.9	11
71	HER-2/Epstein-Barr virus crosstalk in human gastric carcinogenesis: A novel concept of oncogene/oncovirus interaction. <i>Cell Adhesion and Migration</i> , 2018 , 12, 1-4	3.2	11
70	Design, synthesis, and validation of novel nitrogen-based chalcone analogs against triple negative breast cancer. <i>European Journal of Medicinal Chemistry</i> , 2020 , 187, 111954	6.8	11
69	Emerging innate biological properties of nano-drug delivery systems: A focus on PAMAM dendrimers and their clinical potential. <i>Advanced Drug Delivery Reviews</i> , 2021 , 178, 113908	18.5	11
68	High-Risk Human Papillomaviruses and Epstein-Barr Virus in Colorectal Cancer and Their Association with Clinicopathological Status. <i>Pathogens</i> , 2020 , 9,	4.5	10

67	Role of E6/E7 onco-proteins of high-risk human papillomaviruses in human colorectal carcinogenesis. <i>Cell Cycle</i> , 2009 , 8, 1964-5	4.7	10
66	Co-presence of human papillomaviruses and Epstein-Barr virus is linked with advanced tumor stage: a tissue microarray study in head and neck cancer patients. <i>Cancer Cell International</i> , 2020 , 20, 361	6.4	10
65	Human Papillomaviruses and Epstein-Barr Virus Interactions in Colorectal Cancer: A Brief Review. <i>Pathogens</i> , 2020 , 9,	4.5	9
64	Substantial Toxic Effect of Water-Pipe Smoking on the Early Stage of Embryonic Development. <i>Nicotine and Tobacco Research</i> , 2018 , 20, 502-507	4.9	9
63	Catechol-O-methyltransferase Val 108/158 Met polymorphism and breast cancer risk: a case control study in Syria. <i>Breast Cancer</i> , 2013 , 20, 62-6	3.4	9
62	A comprehensive review on the antiviral activities of chalcones. <i>Journal of Drug Targeting</i> , 2021 , 29, 403-419	4.1	9
61	High-Risk Human Papillomaviruses and Epstein-Barr Virus Presence and Crosstalk in Human Oral Carcinogenesis 2017 , 83-94		8
60	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. <i>Human Vaccines and Immunotherapeutics</i> , 2021 , 17, 982-989	4.4	8
59	Src inhibitors are promising therapy molecules for human cervical carcinomas. <i>Medical Hypotheses</i> , 2011 , 77, 812-4	3.8	7
58	Does the vesicular stomatitis virus really have a selective oncolytic effect in human cancer?. <i>International Journal of Cancer</i> , 2010 , 126, 2509-10	7.5	7
57	Black cellular spreading and motility assay. <i>BioTechniques</i> , 1999 , 27, 60-2	2.5	7
56	Targets of v-myc tumorigenesis in the avian embryo depend on time and not on site of retroviral infection. <i>Cell Differentiation and Development</i> , 1988 , 25, 119-34		7
55	SARS-CoV-2 Infection and Lung Cancer: Potential Therapeutic Modalities. <i>Cancers</i> , 2020 , 12,	6.6	7
54	Co-incidence of Human Papillomaviruses and Epstein-Barr Virus Is Associated With High to Intermediate Tumor Grade in Human Head and Neck Cancer in Syria. <i>Frontiers in Oncology</i> , 2020 , 10, 1016-3	5.3	7
53	A comprehensive review summarizing the recent biomedical applications of functionalized carbon nanofibers. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021 , 109, 1893-1908	3.5	7
52	Gelatin-methacryloyl hydrogel based blood-brain barrier model for studying breast cancer-associated brain metastasis. <i>Pharmaceutical Development and Technology</i> , 2021 , 26, 490-500	3.4	7
51	Substantial cell apoptosis provoked by naked PAMAM dendrimers in HER2-positive human breast cancer via JNK and ERK1/ERK2 signalling pathways. <i>Computational and Structural Biotechnology Journal</i> , 2021 , 19, 2881-2890	6.8	7
50	Does the Syrian population have to wait for the new generation of human papillomaviruses vaccine?. <i>Human Vaccines and Immunotherapeutics</i> , 2012 , 8, 1867-8	4.4	6

49	Molecular remodelling in hypertrophied hearts from polyomavirus large T-antigen transgenic mice. <i>Molecular and Cellular Biochemistry</i> , 1995 , 152, 131-41	4.2	6
48	Plant Extract Inhibits Epithelial-Mesenchymal Transition and Induces Apoptosis via HER2 Inactivation and JNK Pathway in HER2-Positive Breast Cancer Cells. <i>Molecules</i> , 2020 , 25,	4.8	6
47	Targeting triple negative breast cancer heterogeneity with chalcones: a molecular insight. <i>Journal of Drug Targeting</i> , 2019 , 27, 830-838	5.4	6
46	Water-pipe smoking promotes epithelial-mesenchymal transition and invasion of human breast cancer cells via ERK1/ERK2 pathways. <i>Cancer Cell International</i> , 2018 , 18, 180	6.4	6
45	Co-prevalence of human Papillomaviruses (HPV) and Epstein-Barr virus (EBV) in healthy blood donors from diverse nationalities in Qatar. <i>Cancer Cell International</i> , 2020 , 20, 107	6.4	5
44	SnoRNAs and miRNAs Networks Underlying COVID-19 Disease Severity. <i>Vaccines</i> , 2021 , 9,	5.3	5
43	Breast Cancer During Pregnancy: A Marked Propensity to Triple-Negative Phenotype. <i>Frontiers in Oncology</i> , 2020 , 10, 580345	5.3	4
42	Novel Polymethoxylated Chalcones as Potential Compounds Against KRAS-Mutant Colorectal Cancers. <i>Current Pharmaceutical Design</i> , 2020 , 26, 1622-1633	3.3	4
41	Circulating miRNAs in HER2-Positive and Triple Negative Breast Cancers: Potential Biomarkers and Therapeutic Targets. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4
40	Current tobacco and water-pipe smoking enhance human cancer invasion and metastasis. <i>International Journal of Cancer</i> , 2013 , 132, 990-1	7.5	3
39	Significant Toxic Effect of Carbon Nanofibers at the Early Stage of Embryogenesis. <i>Journal of Biomedical Nanotechnology</i> , 2020 , 16, 975-984	4	3
38	Naked Poly(amidoamine) Dendrimer Nanoparticles Exhibit Intrinsic Embryotoxicity During the Early Stages of Normal Development. <i>Journal of Biomedical Nanotechnology</i> , 2020 , 16, 1454-1462	4	3
37	A novel in ovo model to study cancer metastasis using chicken embryos and GFP expressing cancer cells. <i>Bosnian Journal of Basic Medical Sciences</i> , 2020 , 20, 140-148	3.3	3
36	Presence of high-risk HPVs, EBV, and MMTV in human triple-negative breast cancer. <i>Human Vaccines and Immunotherapeutics</i> , 2021 , 1-10	4.4	3
35	Oncoproteins of High-Risk HPV and EBV Cooperate to Enhance Cell Motility and Invasion of Human Breast Cancer Cells Erk1/Erk2 and E-catenin Signaling Pathways. <i>Frontiers in Oncology</i> , 2021 , 11, 630408	5.3	3
34	Mathematical Models of Cancer and Different Therapies. <i>Series in Bioengineering</i> , 2021 ,	0.7	3
33	SARS-CoV-2 infection and smoking: What is the association? A brief review. <i>Computational and Structural Biotechnology Journal</i> , 2021 , 19, 1654-1660	6.8	3
32	E-Cigarette Liquid Provokes Significant Embryotoxicity and Inhibits Angiogenesis. <i>Toxics</i> , 2020 , 8,	4.7	2

31	HPV and Recurrent Respiratory Papillomatosis: A Brief Review. <i>Life</i> , 2021 , 11,	3	2
30	Fasting inhibits human cancer progression via the epithelial-mesenchymal transition process: Important evidence unraveled. <i>Clinical Cancer Investigation Journal</i> , 2012 , 1, 181	0.2	2
29	Teucrium Polium Plant Extract Provokes Substantial Cytotoxicity at the Early Stage of Embryonic Development. <i>Bosnian Journal of Basic Medical Sciences</i> , 2019 , 19, 67-71	3.3	2
28	Water-pipe smoking and serum testosterone levels in adult males in Qatar. <i>Tobacco Induced Diseases</i> , 2019 , 17, 19	3.2	2
27	Water-Pipe Smoking Exposure Deregulates a Set of Genes Associated with Human Head and Neck Cancer Development and Prognosis. <i>Toxics</i> , 2020 , 8,	4.7	2
26	Role of Qat Chewing and Mate Consumption in Human Oral Carcinogenesis 2017 , 133-145		1
25	A new concept to measure cell proliferation using Fourier transform infrared spectroscopy. <i>Medical Hypotheses</i> , 2012 , 79, 171-3	3.8	1
24	Involvement of water pipe smoking in the development of human pancreatic cancer. <i>International Journal of Cancer</i> , 2010 , 127, 497-8	7.5	1
23	Role of High-Risk Human Papillomaviruses in Breast Carcinogenesis 2014 , 243-260		1
22	Low power ultrasound inhibits cell proliferation and invasion of human cancer cells in vitro. <i>Clinical Cancer Investigation Journal</i> , 2012 , 1, 51	0.2	1
21	Mesoporous silica coated carbon nanofibers reduce embryotoxicity via ERK and JNK pathways. <i>Materials Science and Engineering C</i> , 2021 , 122, 111910	8.3	1
20	Effect of cell-phone radiofrequency on angiogenesis and cell invasion in human head and neck cancer cells. <i>Head and Neck</i> , 2018 , 40, 2166-2171	4.2	1
19	Impact of Smoking on COVID-19 Symptoms in Non-Vaccinated Patients: A Matched Observational Study from Qatar.. <i>Journal of Multidisciplinary Healthcare</i> , 2022 , 15, 531-540	2.8	1
18	Association between waterpipe smoking and obesity: Population-based study in Qatar.. <i>Tobacco Induced Diseases</i> , 2022 , 20, 06	3.2	0
17	Dasatinib and PD-L1 inhibitors provoke toxicity and inhibit angiogenesis in the embryo. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 134, 111134	7.5	0
16	Plant Extract Induces Apoptosis P53 and Signal Transducer and Activator of Transcription 3 Signaling Pathways in Triple-Negative Breast Cancer Cells.. <i>Frontiers in Nutrition</i> , 2022 , 9, 871667	6.2	0
15	On the Feasibility of an In Vitro Noninvasive Absorbance-Based Cell Proliferation Analysis Technique, Using Cell Culture Media. <i>Spectroscopy Letters</i> , 2013 , 46, 403-407	1.1	
14	Reply to the letter to the editor by Chaouachi and Sajid: cancer risks of hookah (shisha, narghile) tobacco use require further independent sound studies. <i>International Journal of Cancer</i> , 2010 , 127, 1739-1740	7.5	1740

- 13 Human cervical carcinomas and EGF-R tyrosine kinase inhibitors. *Gynecologic Oncology*, **2008**, 109, 308 4.9
- 12 Control Strategies for Cancer Therapy. *Series in Bioengineering*, **2021**, 215-247 0.7
- 11 Time Series Data to Mathematical Model. *Series in Bioengineering*, **2021**, 15-54 0.7
- 10 Immunotherapy Models. *Series in Bioengineering*, **2021**, 77-110 0.7
- 9 Anti-angiogenic Therapy Models. *Series in Bioengineering*, **2021**, 111-122 0.7
- 8 Hormone Therapy Models. *Series in Bioengineering*, **2021**, 135-156 0.7
- 7 Miscellaneous Therapy Models. *Series in Bioengineering*, **2021**, 157-191 0.7
- 6 Combination Therapy Models. *Series in Bioengineering*, **2021**, 193-214 0.7
- 5 Waterpipe smoking and women's health: From pregnancy to breast cancer. *Clinical Cancer Investigation Journal*, **2020**, 9, 107 0.2
- 4 E-Cadherin/Catenin Complex Modulations in Human Oral Cancer **2015**, 169-187
- 3 Aspirin inhibits breast cancer progression via the switch of epithelial-mesenchymal into mesenchymal-epithelial event. *Clinical Cancer Investigation Journal*, **2015**, 4, 501 0.2
- 2 Specific gene patterns and molecular pathways related to human carcinogenesis in different populations among various geographic locations. *Cancer*, **2016**, 122, 1134-5 6.4
- 1 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*, **1** 3.2