

Wael El-Rifai

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.

116
papers

3,350
citations

34
h-index

50
g-index

128
ext. papers

4,040
ext. citations

9.4
avg, IF

5.16
L-index

#	Paper	IF	Citations
116	Aurora kinase inhibitors--rising stars in cancer therapeutics?. <i>Molecular Cancer Therapeutics</i> , 2010 , 9, 2686-8	10.1	212
115	Overexpression of OATP1B3 confers apoptotic resistance in colon cancer. <i>Cancer Research</i> , 2008 , 68, 10315-23	10.1	103
114	Aurora kinase A inhibition leads to p73-dependent apoptosis in p53-deficient cancer cells. <i>Cancer Research</i> , 2008 , 68, 8998-9004	10.1	99
113	Frequent overexpression of Aurora Kinase A in upper gastrointestinal adenocarcinomas correlates with potent antiapoptotic functions. <i>Cancer</i> , 2008 , 112, 1688-98	6.4	95
112	Loss of TFF1 is associated with activation of NF- κ B-mediated inflammation and gastric neoplasia in mice and humans. <i>Journal of Clinical Investigation</i> , 2011 , 121, 1753-67	15.9	86
111	MicroRNA-148a-3p enhances cisplatin cytotoxicity in gastric cancer through mitochondrial fission induction and cyto-protective autophagy suppression. <i>Cancer Letters</i> , 2017 , 410, 212-227	9.9	80
110	The aurora kinase A inhibitor MLN8237 enhances cisplatin-induced cell death in esophageal adenocarcinoma cells. <i>Molecular Cancer Therapeutics</i> , 2012 , 11, 763-74	6.1	77
109	Aurora kinase A promotes inflammation and tumorigenesis in mice and human gastric neoplasia. <i>Gastroenterology</i> , 2013 , 145, 1312-22.e1-8	13.3	74
108	t-Darpp promotes cancer cell survival by up-regulation of Bcl2 through Akt-dependent mechanism. <i>Cancer Research</i> , 2008 , 68, 395-403	10.1	69
107	Aurora kinase A in gastrointestinal cancers: time to target. <i>Molecular Cancer</i> , 2015 , 14, 106	42.1	66
106	Glutathione peroxidase 7 protects against oxidative DNA damage in oesophageal cells. <i>Gut</i> , 2012 , 61, 1250-60	19.2	60
105	Pathogenic bacterium <i>Helicobacter pylori</i> alters the expression profile of p53 protein isoforms and p53 response to cellular stresses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E2543-50	11.5	55
104	Silencing of glutathione peroxidase 3 through DNA hypermethylation is associated with lymph node metastasis in gastric carcinomas. <i>PLoS ONE</i> , 2012 , 7, e46214	3.7	54
103	Activation of β catenin signalling by TFF1 loss promotes cell proliferation and gastric tumorigenesis. <i>Gut</i> , 2015 , 64, 1028-39	19.2	53
102	BVES regulates EMT in human corneal and colon cancer cells and is silenced via promoter methylation in human colorectal carcinoma. <i>Journal of Clinical Investigation</i> , 2011 , 121, 4056-69	15.9	52
101	The combination of alisertib, an investigational Aurora kinase A inhibitor, and docetaxel promotes cell death and reduces tumor growth in preclinical cell models of upper gastrointestinal adenocarcinomas. <i>Cancer</i> , 2013 , 119, 904-14	6.4	49
100	Bacterial CagA protein induces degradation of p53 protein in a p14ARF-dependent manner. <i>Gut</i> , 2015 , 64, 1040-8	19.2	48

99	AURKA regulates JAK2-STAT3 activity in human gastric and esophageal cancers. <i>Molecular Oncology</i> , 2014 , 8, 1419-28	7.9	48
98	TFF1 activates p53 through down-regulation of miR-504 in gastric cancer. <i>Oncotarget</i> , 2014 , 5, 5663-73	3.3	48
97	HDM2 regulation by AURKA promotes cell survival in gastric cancer. <i>Clinical Cancer Research</i> , 2014 , 20, 76-86	12.9	46
96	Promoter DNA hypermethylation in gastric biopsies from subjects at high and low risk for gastric cancer. <i>International Journal of Cancer</i> , 2010 , 127, 2588-97	7.5	45
95	Therapeutic prospects for p73 and p63: rising from the shadow of p53. <i>Drug Resistance Updates</i> , 2008 , 11, 152-63	23.2	45
94	Gastric adenocarcinoma has a unique microRNA signature not present in esophageal adenocarcinoma. <i>Cancer</i> , 2013 , 119, 1985-93	6.4	44
93	Deciphering the unique microRNA signature in human esophageal adenocarcinoma. <i>PLoS ONE</i> , 2013 , 8, e64463	3.7	39
92	Early involvement of death-associated protein kinase promoter hypermethylation in the carcinogenesis of Barrett's esophageal adenocarcinoma and its association with clinical progression. <i>Neoplasia</i> , 2007 , 9, 236-45	6.4	38
91	Methylation of the HOXA10 Promoter Directs miR-196b-5p-Dependent Cell Proliferation and Invasion of Gastric Cancer Cells. <i>Molecular Cancer Research</i> , 2018 , 16, 696-706	6.6	37
90	p73 protein regulates DNA damage repair. <i>FASEB Journal</i> , 2011 , 25, 4406-14	0.9	37
89	Promoter hypermethylation and suppression of glutathione peroxidase 3 are associated with inflammatory breast carcinogenesis. <i>Oxidative Medicine and Cellular Longevity</i> , 2014 , 2014, 787195	6.7	36
88	Lmo2 induces hematopoietic stem cell-like features in T-cell progenitor cells prior to leukemia. <i>Stem Cells</i> , 2013 , 31, 882-94	5.8	36
87	Expression of t-DARPP mediates trastuzumab resistance in breast cancer cells. <i>Clinical Cancer Research</i> , 2008 , 14, 4564-71	12.9	36
86	Inhibition of AURKA Reduces Proliferation and Survival of Gastrointestinal Cancer Cells With Activated KRAS by Preventing Activation of RPS6KB1. <i>Gastroenterology</i> , 2019 , 156, 662-675.e7	13.3	35
85	induced cell death is counteracted by NF- κ B-mediated transcription of DARPP-32. <i>Gut</i> , 2017 , 66, 761-762	19.2	34
84	Helicobacter pylori-induced miR-135b-5p promotes cisplatin resistance in gastric cancer. <i>FASEB Journal</i> , 2019 , 33, 264-274	0.9	34
83	Epigenetic regulation of AURKA by miR-4715-3p in upper gastrointestinal cancers. <i>Scientific Reports</i> , 2019 , 9, 16970	4.9	34
82	p73 isoforms can induce T-cell factor-dependent transcription in gastrointestinal cells. <i>Cancer Research</i> , 2004 , 64, 6390-3	10.1	33

81	PRDX2 protects against oxidative stress induced by H. pylori and promotes resistance to cisplatin in gastric cancer. <i>Redox Biology</i> , 2020 , 28, 101319	11.3	33
80	Role of non-coding RNA networks in leukemia progression, metastasis and drug resistance. <i>Molecular Cancer</i> , 2020 , 19, 57	42.1	32
79	Glutathione peroxidase 7 has potential tumour suppressor functions that are silenced by location-specific methylation in oesophageal adenocarcinoma. <i>Gut</i> , 2014 , 63, 540-51	19.2	31
78	Trefoil factor 1 expression suppresses Helicobacter pylori-induced inflammation in gastric carcinogenesis. <i>Cancer</i> , 2015 , 121, 4348-58	6.4	31
77	t-DARPP regulates phosphatidylinositol-3-kinase-dependent cell growth in breast cancer. <i>Molecular Cancer</i> , 2010 , 9, 240	42.1	31
76	Advances in targeted therapies and new promising targets in esophageal cancer. <i>Oncotarget</i> , 2015 , 6, 1348-58	3.3	31
75	DARPP-32 increases interactions between epidermal growth factor receptor and ERBB3 to promote tumor resistance to gefitinib. <i>Gastroenterology</i> , 2011 , 141, 1738-48.e1-2	13.3	30
74	Epigenetic silencing of somatostatin in gastric cancer. <i>Digestive Diseases and Sciences</i> , 2011 , 56, 125-30	4	30
73	Activation of STAT3 signaling is mediated by TFF1 silencing in gastric neoplasia. <i>Nature Communications</i> , 2019 , 10, 3039	17.4	29
72	Regulation of ERBB2 receptor by t-DARPP mediates trastuzumab resistance in human esophageal adenocarcinoma. <i>Cancer Research</i> , 2012 , 72, 4504-14	10.1	29
71	Molecular dissection of 17q12 amplicon in upper gastrointestinal adenocarcinomas. <i>Molecular Cancer Research</i> , 2006 , 4, 449-55	6.6	29
70	Location-specific epigenetic regulation of the metallothionein 3 gene in esophageal adenocarcinomas. <i>PLoS ONE</i> , 2011 , 6, e22009	3.7	29
69	Cytokine-chemokine network driven metastasis in esophageal cancer; promising avenue for targeted therapy. <i>Molecular Cancer</i> , 2021 , 20, 2	42.1	29
68	Gastric tumour-derived ANGPT2 regulation by DARPP-32 promotes angiogenesis. <i>Gut</i> , 2016 , 65, 925-34	19.2	28
67	Claudin-1, A Double-Edged Sword in Cancer. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	27
66	Profiling bladder cancer organ site-specific metastasis identifies LAMC2 as a novel biomarker of hematogenous dissemination. <i>American Journal of Pathology</i> , 2009 , 174, 371-9	5.8	27
65	Alterations in Barrett's-related adenocarcinomas: a proteomic approach. <i>International Journal of Cancer</i> , 2008 , 122, 1303-10	7.5	27
64	Expression of calcium-binding proteins S100A2 and S100A4 in Barrett's adenocarcinomas. <i>Neoplasia</i> , 2006 , 8, 843-50	6.4	26

63	Glutathione peroxidase 7 suppresses cancer cell growth and is hypermethylated in gastric cancer. <i>Oncotarget</i> , 2017 , 8, 54345-54356	3.3	25
62	<i>Helicobacter pylori</i> bacteria alter the p53 stress response via ERK-HDM2 pathway. <i>Oncotarget</i> , 2015 , 6, 1531-43	3.3	25
61	Exposure of Barrett's and esophageal adenocarcinoma cells to bile acids activates EGFR-STAT3 signaling axis via induction of APE1. <i>Oncogene</i> , 2018 , 37, 6011-6024	9.2	24
60	Loss of glutathione peroxidase 7 promotes TNF- α -induced NF- κ B activation in Barrett's carcinogenesis. <i>Carcinogenesis</i> , 2014 , 35, 1620-8	4.6	24
59	Virulence of infecting <i>Helicobacter pylori</i> strains and intensity of mononuclear cell infiltration are associated with levels of DNA hypermethylation in gastric mucosae. <i>Epigenetics</i> , 2013 , 8, 1153-61	5.7	23
58	Cell-permeable NM23 blocks the maintenance and progression of established pulmonary metastasis. <i>Cancer Research</i> , 2011 , 71, 7216-25	10.1	23
57	Regulation of CXCR4-mediated invasion by DARPP-32 in gastric cancer cells. <i>Molecular Cancer Research</i> , 2013 , 11, 86-94	6.6	22
56	Epigenetic and genetic silencing of CHFR in esophageal adenocarcinomas. <i>Cancer</i> , 2010 , 116, 4033-42	6.4	22
55	Activin a signaling regulates cell invasion and proliferation in esophageal adenocarcinoma. <i>Oncotarget</i> , 2015 , 6, 34228-44	3.3	22
54	DNA Methylation Predicts Progression of Human Gastric Lesions. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015 , 24, 1607-13	4	21
53	Resistance to TRAIL is mediated by DARPP-32 in gastric cancer. <i>Clinical Cancer Research</i> , 2012 , 18, 3889-900	9.0	21
52	Dopamine and cAMP regulated phosphoprotein MW 32 kDa is overexpressed in early stages of gastric tumorigenesis. <i>Surgery</i> , 2010 , 148, 354-63	3.6	21
51	Activation of EIF4E by Aurora Kinase A Depicts a Novel Druggable Axis in Everolimus-Resistant Cancer Cells. <i>Clinical Cancer Research</i> , 2017 , 23, 3756-3768	12.9	20
50	Loss of TFF1 promotes <i>Helicobacter pylori</i> -induced E-catenin activation and gastric tumorigenesis. <i>Oncotarget</i> , 2015 , 6, 17911-22	3.3	20
49	<i>Helicobacter pylori</i> pathogen regulates p14ARF tumor suppressor and autophagy in gastric epithelial cells. <i>Oncogene</i> , 2018 , 37, 5054-5065	9.2	20
48	Cisplatin-resistant cancer cells are sensitive to Aurora kinase A inhibition by alisertib. <i>Molecular Oncology</i> , 2017 , 11, 981-995	7.9	19
47	Methylation-dependent activation of CDX1 through NF- κ B: a link from inflammation to intestinal metaplasia in the human stomach. <i>American Journal of Pathology</i> , 2012 , 181, 487-98	5.8	19
46	Insights Into the Role of CircRNAs: Biogenesis, Characterization, Functional, and Clinical Impact in Human Malignancies. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 617281	5.7	19

45	APE1-mediated DNA damage repair provides survival advantage for esophageal adenocarcinoma cells in response to acidic bile salts. <i>Oncotarget</i> , 2016 , 7, 16688-702	3.3	18
44	Tumor microenvironment: an evil nexus promoting aggressive head and neck squamous cell carcinoma and avenue for targeted therapy. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 12	21	18
43	Bacterial CagA protein compromises tumor suppressor mechanisms in gastric epithelial cells. <i>Journal of Clinical Investigation</i> , 2020 , 130, 2422-2434	15.9	17
42	DARPP-32: from neurotransmission to cancer. <i>Oncotarget</i> , 2016 , 7, 17631-40	3.3	17
41	Activation of NADPH oxidases leads to DNA damage in esophageal cells. <i>Scientific Reports</i> , 2017 , 7, 99564.9	4.9	16
40	Activation of IGF1R by DARPP-32 promotes STAT3 signaling in gastric cancer cells. <i>Oncogene</i> , 2019 , 38, 5805-5816	9.2	15
39	Transcriptional oncogenomic hot spots in Barrett's adenocarcinomas: serial analysis of gene expression. <i>Genes Chromosomes and Cancer</i> , 2007 , 46, 914-28	5	15
38	Liquid biopsy: a step closer to transform diagnosis, prognosis and future of cancer treatments.. <i>Molecular Cancer</i> , 2022 , 21, 79	42.1	15
37	Integrated molecular analysis reveals complex interactions between genomic and epigenomic alterations in esophageal adenocarcinomas. <i>Scientific Reports</i> , 2017 , 7, 40729	4.9	14
36	Integrated expression analysis identifies transcription networks in mouse and human gastric neoplasia. <i>Genes Chromosomes and Cancer</i> , 2017 , 56, 535-547	5	14
35	TFF1 antagonizes TIMP-1 mediated proliferative functions in gastric cancer. <i>Molecular Carcinogenesis</i> , 2018 , 57, 1577-1587	5	14
34	The effect of intracellular protein delivery on the anti-tumor activity of recombinant human endostatin. <i>Biomaterials</i> , 2013 , 34, 6261-71	15.6	14
33	Glutathione Peroxidase 7 Suppresses Bile Salt-Induced Expression of Pro-Inflammatory Cytokines in Barrett's Carcinogenesis. <i>Journal of Cancer</i> , 2014 , 5, 510-7	4.5	13
32	Activation of EGFR-DNA-PKcs pathway by IGFBP2 protects esophageal adenocarcinoma cells from acidic bile salts-induced DNA damage. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019 , 38, 13	12.8	13
31	Targeting SOX2 Protein with Peptide Aptamers for Therapeutic Gains against Esophageal Squamous Cell Carcinoma. <i>Molecular Therapy</i> , 2020 , 28, 901-913	11.7	12
30	Methylation of promoters of microRNAs and their host genes in myelodysplastic syndromes. <i>Leukemia and Lymphoma</i> , 2013 , 54, 2720-7	1.9	12
29	APE1 Upregulates MMP-14 via Redox-Sensitive ARF6-Mediated Recycling to Promote Cell Invasion of Esophageal Adenocarcinoma. <i>Cancer Research</i> , 2019 , 79, 4426-4438	10.1	11
28	Prevention of DNA damage in Barrett's esophageal cells exposed to acidic bile salts. <i>Carcinogenesis</i> , 2016 , 37, 1161-1169	4.6	11

27	Proinflammatory cytokines and bile acids upregulate Nip73 protein, an inhibitor of p53 and p73 tumor suppressors. <i>PLoS ONE</i> , 2013 , 8, e64306	3.7	10
26	Loss of Tff1 Promotes Pro-Inflammatory Phenotype with Increase in the Levels of ROR γ T Lymphocytes and IL-17 in Mouse Gastric Neoplasia. <i>Journal of Cancer</i> , 2017 , 8, 2424-2435	4.5	9
25	Antitumor activity of cell-permeable RUNX3 protein in gastric cancer cells. <i>Clinical Cancer Research</i> , 2013 , 19, 680-90	12.9	9
24	A Combination of SAHA and Quinacrine Is Effective in Inducing Cancer Cell Death in Upper Gastrointestinal Cancers. <i>Clinical Cancer Research</i> , 2018 , 24, 1905-1916	12.9	8
23	Epigenetic and genetic variation in GATA5 is associated with gastric disease risk. <i>Human Genetics</i> , 2016 , 135, 895-906	6.3	8
22	Antitumor activity of cell-permeable p18(INK4c) with enhanced membrane and tissue penetration. <i>Molecular Therapy</i> , 2012 , 20, 1540-9	11.7	8
21	Esophageal adenocarcinoma: treatment modalities in the era of targeted therapy. <i>Digestive Diseases and Sciences</i> , 2010 , 55, 3304-14	4	8
20	Phase I study combining the aurora kinase a inhibitor alisertib with mFOLFOX in gastrointestinal cancer. <i>Investigational New Drugs</i> , 2019 , 37, 315-322	4.3	8
19	NRF2 antioxidant response protects against acidic bile salts-induced oxidative stress and DNA damage in esophageal cells. <i>Cancer Letters</i> , 2019 , 458, 46-55	9.9	7
18	Activation of NRF2 by APE1/REF1 is redox-dependent in Barrett's related esophageal adenocarcinoma cells. <i>Redox Biology</i> , 2021 , 43, 101970	11.3	7
17	5-Methylcytosine hydroxylation-mediated LINE-1 hypomethylation: a novel mechanism of proto-oncogenes activation in colorectal cancer?. <i>Gut</i> , 2014 , 63, 538-9	19.2	6
16	miRNAs as novel immunoregulators in cancer. <i>Seminars in Cell and Developmental Biology</i> , 2021 ,	7.5	6
15	Role of Bacterial and Viral Pathogens in Gastric Carcinogenesis. <i>Cancers</i> , 2021 , 13,	6.6	5
14	The antioxidant response in Barrett's tumorigenesis: A double-edged sword. <i>Redox Biology</i> , 2021 , 41, 101894	11.3	5
13	The bromodomain inhibitor IBET-151 attenuates vismodegib-resistant esophageal adenocarcinoma growth through reduction of G1I signaling. <i>Oncotarget</i> , 2020 , 11, 3174-3187	3.3	4
12	Phase IB Study of Induction Chemotherapy With XELOX, Followed by Radiation Therapy, Carboplatin, and Everolimus in Patients With Locally Advanced Esophageal Cancer. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2019 , 42, 331-336	2.7	4
11	Helicobacter pylori-induced RASAL2 through activation of NF-kB promotes gastric tumorigenesis via Eatenin signaling axis.. <i>Gastroenterology</i> , 2022 ,	13.3	3
10	Effect of a combination of aurora kinase A inhibitor MLN-8237 and cisplatin on gastrointestinal tumors.. <i>Journal of Clinical Oncology</i> , 2012 , 30, 58-58	2.2	2

9	Silencing of miR490-3p by H. pylori activates DARPP-32 and induces resistance to gefitinib. <i>Cancer Letters</i> , 2020 , 491, 87-96	9.9	2
8	Co-overexpression of AXL and c-ABL predicts a poor prognosis in esophageal adenocarcinoma and promotes cancer cell survival. <i>Journal of Cancer</i> , 2020 , 11, 5867-5879	4.5	2
7	NF-kB-dependent activation of STAT3 by H. pylori is suppressed by TFF1. <i>Cancer Cell International</i> , 2021 , 21, 444	6.4	2
6	Targeted Molecular Therapies in the Treatment of Esophageal Adenocarcinoma, Are We There Yet?. <i>Cancers</i> , 2020 , 12,	6.6	1
5	Potential Molecular Targets in the Setting of Chemoradiation for Esophageal Malignancies. <i>Journal of the National Cancer Institute</i> , 2021 , 113, 665-679	9.7	1
4	Whole-Genome Differentially Hydroxymethylated DNA Regions among Twins Discordant for Cardiovascular Death. <i>Genes</i> , 2021 , 12,	4.2	1
3	A novel strategy for combination of clofarabine and pictilisib is synergistic in gastric cancer. <i>Translational Oncology</i> , 2021 , 15, 101260	4.9	0
2	Aurora kinases in cancer: an opportunity for targeted therapy278-292		
1	Whole-genome DNA hydroxymethylation among monozygotic twins discordant for cardiovascular death: the prospective National Heart, Lung, and Blood Institute (NHLBI) Twin Study. <i>FASEB Journal</i> , 2018 , 32, 755.5	0.9	