Farhadul Islam

List of Publications by Year
in descending order

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94 papers	2,118 citations	236833 25 h-index	265120 42 g-index
95 all docs	95 docs citations	95 times ranked	2965 citing authors

#	Article	IF	Citations
1	Molecular biology of esophageal squamous cell carcinoma. Critical Reviews in Oncology/Hematology, 2000, 33, 71-90.	2.0	135
2	The Roles of Cancer Stem Cells and Therapy Resistance in Colorectal Carcinoma. Cells, 2020, 9, 1392.	1.8	121
3	Translational potential of cancer stem cells: A review of the detection of cancer stem cells and their roles in cancer recurrence and cancer treatment. Experimental Cell Research, 2015, 335, 135-147.	1.2	109
4	Cancer stem cell: Fundamental experimental pathological concepts and updates. Experimental and Molecular Pathology, 2015, 98, 184-191.	0.9	104
5	The Identifications and Clinical Implications of Cancer Stem Cells in Colorectal Cancer. Clinical Colorectal Cancer, 2017, 16, 93-102.	1.0	89
6	Significance of PI3K/AKT signaling pathway in metastasis of esophageal squamous cell carcinoma and its potential as a target for anti-metastasis therapy. Oncotarget, 2017, 8, 38755-38766.	0.8	83
7	Genetic alterations in Krebs cycle and its impact on cancer pathogenesis. Biochimie, 2017, 135, 164-172.	1.3	80
8	Cancer stem cells in oesophageal squamous cell carcinoma: Identification, prognostic and treatment perspectives. Critical Reviews in Oncology/Hematology, 2015, 96, 9-19.	2.0	64
9	Plasticity of Cancer Stem Cell: Origin and Role in Disease Progression and Therapy Resistance. Stem Cell Reviews and Reports, 2020, 16, 397-412.	1.7	60
10	MicroRNA-186-5p overexpression modulates colon cancer growth by repressing the expression of the FAM134B tumour inhibitor. Experimental Cell Research, 2017, 357, 260-270.	1.2	59
11	Evaluation of antioxidant and anticancer properties of the seed extracts of Syzygium fruticosum Roxb. growing in Rajshahi, Bangladesh. BMC Complementary and Alternative Medicine, 2013, 13, 142.	3.7	54
12	RETREG1 (FAM134B): A new player in human diseases: 15 years after the discovery in cancer. Journal of Cellular Physiology, 2018, 233, 4479-4489.	2.0	50
13	Optical biosensing strategies for DNA methylation analysis. Biosensors and Bioelectronics, 2017, 92, 668-678.	5.3	48
14	MiR-142-5p act as an oncogenic microRNA in colorectal cancer: Clinicopathological and functional insights. Experimental and Molecular Pathology, 2018, 104, 98-107.	0.9	45
15	Stage dependent expression and tumor suppressive function ofFAM134B(JK1) in colon cancer. Molecular Carcinogenesis, 2017, 56, 238-249.	1.3	42
16	MicroRNAâ€338â€5p reverses chemoresistance and inhibits invasion of esophageal squamous cell carcinoma cells by targeting Idâ€1. Cancer Science, 2019, 110, 3677-3688.	1.7	38
17	MiR-498 in esophageal squamous cell carcinoma: clinicopathological impacts and functional interactions. Human Pathology, 2017, 62, 141-151.	1.1	37
18	Purification and characterization of a Ca2+-dependent novel lectin from Nymphaea nouchali tuber with antiproliferative activities. Bioscience Reports, 2011, 31, 465-475.	1.1	35

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19	A New Lectin from the Tuberous Rhizome of Kaempferia rotunda: Isolation, Characterization, Antibacterial and Antiproliferative Activities. Protein and Peptide Letters, 2011, 18, 1140-1149.	0.4	32
20	Overexpression of microRNA-1288 in oesophageal squamous cell carcinoma. Experimental Cell Research, 2016, 348, 146-154.	1.2	31
21	Bioassay of Eucalyptus extracts for anticancer activity against Ehrlich ascites carcinoma (eac) cells in Swiss albino mice. Asian Pacific Journal of Tropical Biomedicine, 2012, 2, 394-398.	0.5	30
22	Liposomal Delivery of miR-34b-5p Induced Cancer Cell Death in Thyroid Carcinoma. Cells, 2018, 7, 265.	1.8	30
23	Growth inhibition and apoptosis of Ehrlich ascites carcinoma cells by the methanol extract ofEucalyptus camaldulensis. Pharmaceutical Biology, 2014, 52, 281-290.	1.3	29
24	An electrochemical method for sensitive and rapid detection of FAM134B protein in colon cancer samples. Scientific Reports, 2017, 7, 133.	1.6	27
25	Pea lectin inhibits cell growth by inducing apoptosis in SW480 and SW48 cell lines. International Journal of Biological Macromolecules, 2018, 117, 1050-1057.	3.6	27
26	A pâ€Menthâ€1â€eneâ€4,7â€diol (ECâ€1) from Eucalyptus camaldulensis Dhnh. Triggers Apoptosis and Cell Cycle Changes in Ehrlich Ascites Carcinoma Cells. Phytotherapy Research, 2015, 29, 573-581.	2.8	26
27	Surface Markers for the Identification of Cancer Stem Cells. Methods in Molecular Biology, 2018, 1692, 17-29.	0.4	26
28	Purification, Characterizations of a Snake Guard Seeds Lectin with Antitumor Activity Against Ehrlich Ascites Carcinoma Cells In Vivo in Mice. Protein and Peptide Letters, 2012, 19, 360-368.	0.4	25
29	Clinical impacts of mammalian target of rapamycin expression in human colorectal cancers. Human Pathology, 2013, 44, 2089-2096.	1.1	25
30	Clinical and biological significance of miR-193a-3p targeted KRAS in colorectal cancer pathogenesis. Human Pathology, 2018, 71, 145-156.	1.1	25
31	Novel FAM134B mutations and their clinicopathological significance in colorectal cancer. Human Genetics, 2017, 136, 321-337.	1.8	24
32	Tumour suppressor properties of miR-15a and its regulatory effects on BCL2 and SOX2 proteins in colorectal carcinomas. Experimental Cell Research, 2018, 370, 245-253.	1.2	24
33	Protein interactions of FAM134B with EB1 and APC/betaâ€catenin in vitro in colon carcinoma. Molecular Carcinogenesis, 2018, 57, 1480-1491.	1.3	23
34	MicroRNAs, a Promising Target for Breast Cancer Stem Cells. Molecular Diagnosis and Therapy, 2020, 24, 69-83.	1.6	22
35	Promoter hypermethylation inactivate tumor suppressor FAM134B and is associated with poor prognosis in colorectal cancer. Genes Chromosomes and Cancer, 2018, 57, 240-251.	1.5	21
36	Characterization of Mucosa-Associated Microbiota in Matched Cancer and Non-neoplastic Mucosa From Patients With Colorectal Cancer. Frontiers in Microbiology, 2019, 10, 1317.	1.5	21

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37	FAM134B promotes esophageal squamous cell carcinoma in vitro and its correlations with clinicopathologic features. Human Pathology, 2019, 87, 1-10.	1.1	21
38	The roles of microRNA-34b-5p in angiogenesis of thyroid carcinoma. Endocrine, 2017, 58, 153-166.	1.1	20
39	Natural Compounds Targeting Cancer Stem Cells: A Promising Resource for Chemotherapy. Anti-Cancer Agents in Medicinal Chemistry, 2019, 19, 1796-1808.	0.9	20
40	Silent genetic alterations identified by targeted next-generation sequencing in pheochromocytoma/paraganglioma: A clinicopathological correlations. Experimental and Molecular Pathology, 2017, 102, 41-46.	0.9	19
41	Antineoplastic activity of acetone semicarbazone (ASC) against Ehrlich ascites carcinoma (EAC) bearing mice. Journal of the National Science Foundation of Sri Lanka, 2010, 38, 225.	0.1	19
42	Biogenic silver/silver chloride nanoparticles inhibit human cancer cells proliferation in vitro and Ehrlich ascites carcinoma cells growth in vivo. Scientific Reports, 2022, 12, .	1.6	19
43	Roles of Non-Coding RNAs on Anaplastic Thyroid Carcinomas. Cancers, 2020, 12, 3159.	1.7	18
44	Kaempferia rotunda tuberous rhizome lectin induces apoptosis and growth inhibition of colon cancer cells in vitro. International Journal of Biological Macromolecules, 2019, 141, 775-782.	3.6	16
45	Preventive effect of ethanol extract of Alpinia calcarata Rosc on Ehrlich's ascitic carcinoma cell induced malignant ascites in mice. Asian Pacific Journal of Tropical Medicine, 2012, 5, 121-125.	0.4	15
46	Novel Therapeutics Against Breast Cancer Stem Cells by Targeting Surface Markers and Signaling Pathways. Current Stem Cell Research and Therapy, 2019, 14, 669-682.	0.6	15
47	Antioxidant, cytotoxic and antineoplastic effects of Carissa carandas Linn. leaves. Experimental and Toxicologic Pathology, 2017, 69, 469-476.	2.1	14
48	Detention and Identification of Cancer Stem Cells in Esophageal Squamous Cell Carcinoma. Methods in Molecular Biology, 2020, 2129, 177-191.	0.4	13
49	Therapy Resistance in Cancers: Phenotypic, Metabolic, Epigenetic and Tumour Microenvironmental Perspectives. Anti-Cancer Agents in Medicinal Chemistry, 2020, 20, 2190-2206.	0.9	12
50	Identification of Novel Mutations and Expressions of EPAS1 in Phaeochromocytomas and Paragangliomas. Genes, 2020, 11, 1254.	1.0	10
51	Molecular Deregulation of EPAS1 in the Pathogenesis of Esophageal Squamous Cell Carcinoma. Frontiers in Oncology, 2020, 10, 1534.	1.3	10
52	Antiproliferative and hepatoprotective activity of metabolites from Corynebacterium xerosis against Ehrlich Ascites Carcinoma cells. Asian Pacific Journal of Tropical Biomedicine, 2014, 4, S284-S292.	0.5	9
53	Identification of Cancer Stem Cells in Esophageal Adenocarcinoma. Methods in Molecular Biology, 2018, 1756, 165-176.	0.4	9
54	Therapeutic Strategies Against Cancer Stem Cells in Esophageal Carcinomas. Frontiers in Oncology, 2020, 10, 598957.	1.3	9

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55	Cancer Stem Cells. , 2019, , 77-87.		8
56	Glucose Intolerance on Phaeochromocytoma and Paragangliomaâ€"The Current Understanding and Clinical Perspectives. Frontiers in Endocrinology, 2020, 11, 593780.	1.5	8
57	Determination of novel biomarkers and pathways shared by colorectal cancer and endometrial cancer via comprehensive bioinformatics analysis. Informatics in Medicine Unlocked, 2020, 20, 100376.	1.9	7
58	Identification of novel mutations and functional impacts of EPAS1 in colorectal cancer. Cancer Medicine, 2021, 10, 5557-5573.	1.3	7
59	Cellular expression, in-vitro and in-vivo confirmation of GAEC1 oncogenic properties in colon cancer. European Journal of Cell Biology, 2017, 96, 487-495.	1.6	6
60	Overexpression of family with sequence similarity 134, member B (FAM134B) in colon cancers and its tumor suppressive properties in vitro. Cancer Biology and Therapy, 2020, 21, 954-962.	1.5	6
61	Methanolic extract of Moringa oleifera leaves mediates anticancer activities through inhibiting NF-and #120581;B and enhancing ROS in Ehrlich ascites carcinoma cells in mice. Journal of Advanced Biotechnology and Experimental Therapeutics, 2021, 4, 161.	0.4	6
62	Expression of GAEC1 mRNA and protein and its association with clinical and pathological parameters of patients with colorectal adenocarcinoma. Experimental and Molecular Pathology, 2018, 104, 71-75.	0.9	5
63	Epigenetics: DNA Methylation Analysis in Esophageal Adenocarcinoma. Methods in Molecular Biology, 2018, 1756, 247-256.	0.4	5
64	RNA Interference-Mediated Gene Silencing in Esophageal Adenocarcinoma. Methods in Molecular Biology, 2018, 1756, 269-279.	0.4	5
65	GAEC1 mutations and copy number aberration is associated with biological aggressiveness of colorectal cancer. European Journal of Cell Biology, 2018, 97, 230-241.	1.6	5
66	Roles of MicroRNAs in Esophageal Squamous Cell Carcinoma Pathogenesis. Methods in Molecular Biology, 2020, 2129, 241-257.	0.4	5
67	Bone Invasive Properties of Oral Squamous Cell Carcinoma and its Interactions with Alveolar Bone Cells: An In Vitro Study. Current Cancer Drug Targets, 2019, 19, 631-640.	0.8	5
68	Moringa oleifera leaves methanolic extract inhibits angiotensin converting enzyme activity in vitro which ameliorates hypertension. Journal of Advanced Biotechnology and Experimental Therapeutics, 2019, 2, 73.	0.4	5
69	Heme oxygenase-1 & 2 and their potential contribution in heme induced colorectal carcinogenesis. Pathology Research and Practice, 2022, 233, 153885.	1.0	5
70	Hepatoprotective effect of acetone semicarbazone on Ehrlich ascites carcinoma induced carcinogenesis in experimental mice. Asian Pacific Journal of Tropical Biomedicine, 2013, 3, 105-110.	0.5	4
71	Electrochemical Detection of FAM134B Mutations in Oesophageal Cancer Based on DNAâ€Gold Affinity Interactions. Electroanalysis, 2017, 29, 1359-1367.	1.5	4
72	Detection and Quantification of MicroRNAs in Esophageal Adenocarcinoma. Methods in Molecular Biology, 2018, 1756, 257-268.	0.4	4

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73	HFE variants in colorectal cancer and their clinicopathological correlations. Human Pathology, 2021, 117, 9-30.	1.1	4
74	Apoptotic and antioxidant activities of methanol extract of Mussaenda roxburghii leaves. Pakistan Journal of Pharmaceutical Sciences, 2015, 28, 2027-34.	0.2	4
75	Asparagus racemosus mediated silver chloride nanoparticles induce apoptosis in glioblastoma stem cells in vitro and inhibit Ehrlich ascites carcinoma cells growth in vivo. Arabian Journal of Chemistry, 2022, 15, 104013.	2.3	4
76	Antiproliferative Activity and Apoptotic Efficiency of Syzygium cumini Bark Methanolic Extract against EAC Cells In Vivo. Anti-Cancer Agents in Medicinal Chemistry, 2021, 21, 782-792.	0.9	3
77	Antioxidant and anticancer effect of methanolic extract of Aerva lanata Linn. against Ehrlich Ascites Carcinoma (EAC) in vivo. Oriental Pharmacy and Experimental Medicine, 2012, 12, 219-225.	1.2	2
78	Screening of cervical cancer by VIA among women in Rajshahi Medical College Hospital. Asian Pacific Journal of Tropical Disease, 2012, 2, 70-72.	0.5	2
79	Early detection of cervical intraepithelial lesions by simple visual inspection after acetic acid among women in Rajshahi medical college hospital. Bangladesh Journal of Medical Science, 2012, 10, 240-244.	0.1	2
80	Mass Spectrometry for Biomarkers Discovery in Esophageal Squamous Cell Carcinoma. Methods in Molecular Biology, 2020, 2129, 259-268.	0.4	2
81	Plumbago zeylanica L. Root Induced Apoptosis of Ehrlich Ascites Carcinoma Cell. American Journal of Drug Discovery and Development, 2012, 2, 124-134.	0.6	2
82	Synthesis and Antimicrobial Screening of Three Triazole Derivatives. Dhaka University Journal of Pharmaceutical Sciences, 2012, 10, 43-47.	0.1	1
83	In Vitro Assays of Biological Aggressiveness of Esophageal Squamous Cell Carcinoma. Methods in Molecular Biology, 2020, 2129, 161-175.	0.4	1
84	VEGF-A/VEGF-B/VEGF-C expressions in non-hereditary, non-metastatic phaeochromocytoma. Histology and Histopathology, 2021, 36, 645-652.	0.5	1
85	Immunoblotting in Detection of Tumor-Associated Antigens in Esophageal Squamous Cell Carcinoma. Methods in Molecular Biology, 2020, 2129, 269-277.	0.4	1
86	The Role of Stem Cells in Colorectal Cancer Carcinogenesis and Treatment. Pancreatic Islet Biology, 2019, , 93-111.	0.1	0
87	Anticancer Potential of Michelia champaca Linn Bark Against Ehrlich Ascites Carcinoma (EAC) Cells in Swiss Albino Mice. Natural Products Journal, 2021, 11, 85-96.	0.1	0
88	Editorial: Recent Advances in Pheochromocytoma and Paraganglioma: Molecular Pathogenesis, Clinical Impacts, and Therapeutic Perspective. Frontiers in Endocrinology, 2021, 12, 720983.	1.5	0
89	Abstract 5764: Oncogenic role of GAEC1 and its potential modulation with p53 in pathogenesis of colon cancer. , 2017, , .		0
90	Abstract 3420: Mutational status, expression and functional behaviors ofFAM134Bin colorectal cancer. , 2017, , .		0

#	Article	IF	Citations
91	Abstract 2150: Oncogenic role of GAEC1 and its potential modulation with p53 in pathogenesis of colon cancer. , 2017, , .		0
92	Abstract 465: Downregulation of miR-193a and its correlation with clinical and pathological behavior of colorectal cancer. , 2017, , .		0
93	ID: 1036 FAM134B, a new player in human colorectal cancer pathogenesis. Biomedical Research and Therapy, 2017, 4, 113.	0.3	0
94	2', 4'-dihydroxy-3, 4-methylenedioxychalcone Activate Mitochondrial Apoptosis of Ehrlich Ascites Carcinoma Cells. Current Drug Therapy, 2020, 15, 337-350.	0.2	0