

Zakaria Y Abd Elmageed

List of Publications by Year in descending order

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71
papers

2,467
citations

201385

27
h-index

214527

47
g-index

72
all docs

72
docs citations

72
times ranked

4956
citing authors

#	ARTICLE	IF	CITATIONS
1	Neoplastic Reprogramming of Patient-Derived Adipose Stem Cells by Prostate Cancer Cell-Associated Exosomes. <i>Stem Cells</i> , 2014, 32, 983-997.	1.4	240
2	Poly(ADP-Ribose) Polymerase-1 Is a Determining Factor in Crm1-Mediated Nuclear Export and Retention of p65 NF- κ B upon TLR4 Stimulation. <i>Journal of Immunology</i> , 2010, 185, 1894-1902.	0.4	132
3	In Vivo Evidence for the Role of CD44s in Promoting Breast Cancer Metastasis to the Liver. <i>American Journal of Pathology</i> , 2007, 171, 2033-2039.	1.9	114
4	Protective Effects of Garlic and Silymarin on NDEA-Induced Rats Hepatotoxicity. <i>International Journal of Biological Sciences</i> , 2009, 5, 549-557.	2.6	102
5	Modified multipotent stromal cells with epidermal growth factor restore vasculogenesis and blood flow in ischemic hind-limb of type II diabetic mice. <i>Laboratory Investigation</i> , 2010, 90, 985-996.	1.7	90
6	PDZK1 Is a Novel Factor in Breast Cancer That Is Indirectly Regulated by Estrogen through IGF-1R and Promotes Estrogen-Mediated Growth. <i>Molecular Medicine</i> , 2013, 19, 253-262.	1.9	90
7	Hypoxia-induced exosome secretion promotes survival of African-American and Caucasian prostate cancer cells. <i>Scientific Reports</i> , 2018, 8, 3853.	1.6	84
8	Towards understanding the mode of action of the multifaceted cell adhesion receptor CD146. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2009, 1795, 130-136.	3.3	79
9	Adipose tissue-derived stem cell therapy for prevention and treatment of erectile dysfunction in a rat model of Peyronie's disease. <i>Andrology</i> , 2014, 2, 244-251.	1.9	75
10	Dysregulation of miR-212 Promotes Castration Resistance through hnRNPH1-Mediated Regulation of AR and AR-V7: Implications for Racial Disparity of Prostate Cancer. <i>Clinical Cancer Research</i> , 2016, 22, 1744-1756.	3.2	71
11	The Poly(ADP-ribose) polymerases (PARPs): New roles in intracellular transport. <i>Cellular Signalling</i> , 2012, 24, 1-8.	1.7	69
12	Exosome proteomic analyses identify inflammatory phenotype and novel biomarkers in African American prostate cancer patients. <i>Cancer Medicine</i> , 2019, 8, 1110-1123.	1.3	69
13	Meeting report: discussions and preliminary findings on extracellular RNA measurement methods from laboratories in the NIH Extracellular RNA Communication Consortium. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 26533.	5.5	51
14	Subverting ER-Stress towards Apoptosis by Nelfinavir and Curcumin Coexposure Augments Docetaxel Efficacy in Castration Resistant Prostate Cancer Cells. <i>PLoS ONE</i> , 2014, 9, e103109.	1.1	51
15	Requirement for Inducible Nitric Oxide Synthase in Chronic Allergen Exposure-Induced Pulmonary Fibrosis but Not Inflammation. <i>Journal of Immunology</i> , 2010, 185, 3076-3085.	0.4	50
16	Intratumoral Injection of Genetically Modified Adipose Tissue-Derived Stem Cells with Human Interferon β for Treatment of Erectile Dysfunction in a Rat Model of Tunica Albuginea Fibrosis. <i>Journal of Sexual Medicine</i> , 2015, 12, 1533-1544.	0.3	47
17	Exosomal microRNA profiling to identify hypoxia-related biomarkers in prostate cancer. <i>Oncotarget</i> , 2018, 9, 13894-13910.	0.8	47
18	Exosomes are the Driving Force in Preparing the Soil for the Metastatic Seeds: Lessons from the Prostate Cancer. <i>Cells</i> , 2020, 9, 564.	1.8	42

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19	Phosphorylation of p50 NF- κ B at a Single Serine Residue by DNA-dependent Protein Kinase Is Critical for VCAM-1 Expression upon TNF Treatment*. Journal of Biological Chemistry, 2010, 285, 41152-41160.	1.6	41
20	Immunohistochemistry as a reliable method for detection of BRAF-V600E mutation in melanoma: a systematic review and meta-analysis of current published literature. Journal of Surgical Research, 2016, 203, 407-415.	0.8	40
21	Circulating microRNAs panel as a diagnostic tool for discrimination of HCV-associated hepatocellular carcinoma. Clinics and Research in Hepatology and Gastroenterology, 2017, 41, e51-e62.	0.7	39
22	Interferon gamma-induced apoptosis of head and neck squamous cell carcinoma is connected to indoleamine-2,3-dioxygenase via mitochondrial and ER stress-associated pathways. Cell Division, 2016, 11, 11.	1.1	37
23	Exosomes-Mediated Transfer of Itga2 Promotes Migration and Invasion of Prostate Cancer Cells by Inducing Epithelial-Mesenchymal Transition. Cancers, 2020, 12, 2300.	1.7	37
24	Synergistic action of dietary phyto-antioxidants on survival and proliferation of ovarian cancer cells. Gynecologic Oncology, 2008, 110, 432-438.	0.6	36
25	Transforming Growth Factor- β 1 Induced Urethral Fibrosis in a Rat Model. Journal of Urology, 2015, 194, 820-827.	0.2	35
26	Synergistic inhibition of thyroid cancer by suppressing MAPK/PI3K/AKT pathways. Journal of Surgical Research, 2013, 184, 898-906.	0.8	30
27	High circulating estrogens and selective expression of ER β in prostate tumors of Americans: implications for racial disparity of prostate cancer. Carcinogenesis, 2013, 34, 2017-2023.	1.3	28
28	Selective targeting of FAK-Pyk2 axis by alpha-naphthoflavone abrogates doxorubicin resistance in breast cancer cells. Cancer Letters, 2015, 362, 25-35.	3.2	28
29	Imiquimod-induced apoptosis of melanoma cells is mediated by ER stress-dependent Noxa induction and enhanced by NF- κ B inhibition. Journal of Cellular and Molecular Medicine, 2016, 20, 266-286.	1.6	28
30	Immunohistochemistry as an accurate tool for evaluating BRAF-V600E mutation in 130 samples of papillary thyroid cancer. Surgery, 2017, 161, 1122-1128.	1.0	26
31	Characterization of Coordinated Immediate Responses by p16INK4A and p53 Pathways in UVB-Irradiated Human Skin Cells. Journal of Investigative Dermatology, 2009, 129, 175-183.	0.3	25
32	Correlation between PDZK1, Cdc37, Akt and Breast Cancer Malignancy: The Role of PDZK1 in Cell Growth through Akt Stabilization by Increasing and Interacting with Cdc37. Molecular Medicine, 2014, 20, 270-279.	1.9	25
33	Simultaneous suppression of the MAP kinase and NF- κ B pathways provides a robust therapeutic potential for thyroid cancer. Cancer Letters, 2015, 368, 46-53.	3.2	25
34	Radioprotective effect of Curcuma longa extract on β -irradiation-induced oxidative stress in rats. Canadian Journal of Physiology and Pharmacology, 2012, 90, 415-423.	0.7	24
35	Dysregulated gene expression predicts tumor aggressiveness in African-American prostate cancer patients. Scientific Reports, 2018, 8, 16335.	1.6	23
36	Design and molecular modeling of novel P38 β MAPK inhibitors targeting breast cancer, synthesized from oxygen heterocyclic natural compounds. Bioorganic and Medicinal Chemistry, 2019, 27, 1308-1319.	1.4	23

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37	Circulating miR-26a, miR-106b, miR-107 and miR-133b stratify hepatocellular carcinoma patients according to their response to transarterial chemoembolization. <i>Clinical Biochemistry</i> , 2019, 65, 45-52.	0.8	23
38	Clinical relevance of cyclooxygenase-2 and matrix metalloproteinases (MMP-2 and MT1-MMP) in human breast cancer tissue. <i>Molecular and Cellular Biochemistry</i> , 2012, 366, 269-275.	1.4	22
39	Targeting CDC7 sensitizes resistance melanoma cells to BRAFV600E-specific inhibitor by blocking the CDC7/MCM2-7 pathway. <i>Scientific Reports</i> , 2019, 9, 14197.	1.6	22
40	Minocycline Blocks Asthma-associated Inflammation in Part by Interfering with the T Cell Receptor-Nuclear Factor κ B-GATA-3-IL-4 Axis without a Prominent Effect on Poly(ADP-ribose) Polymerase. <i>Journal of Biological Chemistry</i> , 2013, 288, 1458-1468.	1.6	21
41	Evaluation of circulating ADH and MIC-1 as diagnostic markers in Egyptian patients with pancreatic cancer. <i>Pancreatology</i> , 2015, 15, 34-39.	0.5	20
42	Structural-based design, synthesis, and antitumor activity of novel alloxazine analogues with potential selective kinase inhibition. <i>European Journal of Medicinal Chemistry</i> , 2018, 152, 31-52.	2.6	20
43	Bortezomib sensitizes thyroid cancer to BRAF inhibitor in vitro and in vivo. <i>Endocrine-Related Cancer</i> , 2018, 25, 99-109.	1.6	20
44	Neuroprotective Efficiency of Prodigiosins Conjugated with Selenium Nanoparticles in Rats Exposed to Chronic Unpredictable Mild Stress is Mediated Through Antioxidative, Anti-Inflammatory, Anti-Apoptotic, and Neuromodulatory Activities. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 8447-8464.	3.3	18
45	Prognostic Role of BRAFV600E Cellular Localization in Melanoma. <i>Journal of the American College of Surgeons</i> , 2018, 226, 526-537.	0.2	17
46	Mechanisms of myogenic tone of coronary arteriole: Role of down stream signaling of the EGFR tyrosine kinase. <i>Microvascular Research</i> , 2011, 81, 135-142.	1.1	16
47	Thyroid storm in a patient with fulminant hepatic failure. <i>Laryngoscope</i> , 2011, 121, 164-166.	1.1	15
48	ApoE deficiency promotes colon inflammation and enhances the inflammatory potential of oxidized-LDL and TNF- α in primary colon epithelial cells. <i>Bioscience Reports</i> , 2016, 36, .	1.1	15
49	HER2 Kinase-Targeted Breast Cancer Therapy: Design, Synthesis, and <i>In Vitro</i> and <i>In Vivo</i> Evaluation of Novel Lapatinib Congeners as Selective and Potent HER2 Inhibitors with Favorable Metabolic Stability. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 15906-15945.	2.9	15
50	Activation of SIRT6 by DNA hypomethylating agents and clinical consequences on combination therapy in leukemia. <i>Scientific Reports</i> , 2020, 10, 10325.	1.6	15
51	Identification of circulating protein biomarkers in patients with hepatocellular carcinoma concomitantly infected with chronic hepatitis C virus. <i>Biomarkers</i> , 2016, 22, 1-8.	0.9	14
52	Selenium Nanoparticles with Prodigiosin Rescue Hippocampal Damage Associated with Epileptic Seizures Induced by Pentylentetrazole in Rats. <i>Biology</i> , 2022, 11, 354.	1.3	14
53	Imatinib Mesylate (Gleevec) Induces Human \hat{A} Corpus Cavernosum Relaxation by \hat{A} Inhibiting Receptor Tyrosine Kinases (RTKs): \hat{A} Identification of New RTK Targets. <i>Urology</i> , 2013, 82, 745.e11-745.e16.	0.5	13
54	PCSK9 Axis-Targeting Pseurotin A as a Novel Prostate Cancer Recurrence Suppressor Lead. <i>ACS Pharmacology and Translational Science</i> , 2021, 4, 1771-1781.	2.5	12

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55	Clinical significance of CD146 and latexin during different stages of thyroid cancer. <i>Molecular and Cellular Biochemistry</i> , 2013, 381, 95-103.	1.4	11
56	Integration of VEGF and α -SMA Expression Improves the Prediction Accuracy of Fibrosis in Chronic Hepatitis C Liver Biopsy. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2017, 25, 261-270.	0.6	11
57	Stem cell biology in thyroid cancer: Insights for novel therapies. <i>World Journal of Stem Cells</i> , 2014, 6, 614.	1.3	11
58	Poly(ADP-ribose) polymerase as a novel regulator of 17 β -estradiol-induced cell growth through a control of the estrogen receptor/IGF-1 receptor/PDZK1 axis. <i>Journal of Translational Medicine</i> , 2015, 13, 233.	1.8	10
59	Pioglitazone Enhances Survival and Regeneration of Pelvic Ganglion Neurons After Cavernosal Nerve Injury. <i>Urology</i> , 2016, 89, 76-82.	0.5	9
60	New Insights into the Link between Melanoma and Thyroid Cancer: Role of Nucleocytoplasmic Trafficking. <i>Cells</i> , 2021, 10, 367.	1.8	8
61	Antitumor and multikinase inhibition activities of some synthesized coumarin and benzofuran derivatives. <i>Archiv Der Pharmazie</i> , 2022, 355, e2100327.	2.1	8
62	Small Extracellular Vesicle-Derived microRNAs Stratify Prostate Cancer Patients According to Gleason Score, Race and Associate with Survival of African American and Caucasian Men. <i>Cancers</i> , 2021, 13, 5236.	1.7	6
63	The utility of molecular markers in pre-operative assessment of thyroid nodules. <i>Future Oncology</i> , 2015, 11, 2343-2350.	1.1	5
64	Transmembrane and Tetratricopeptide Repeat Containing 4 Is a Novel Diagnostic Marker for Prostate Cancer with High Specificity and Sensitivity. <i>Cells</i> , 2021, 10, 1029.	1.8	5
65	Metadherin Expression is Associated with Extrathyroidal Extension in Papillary Thyroid Cancer Patients. <i>Annals of Surgical Oncology</i> , 2016, 23, 2883-2888.	0.7	4
66	Nuclear Localization of BRAFV600E Is Associated with HMOX-1 Upregulation and Aggressive Behavior of Melanoma Cells. <i>Cancers</i> , 2022, 14, 311.	1.7	4
67	Immunophenotype Heterogeneity in Nasal Glomangiopericytoma. <i>Case Reports in Otolaryngology</i> , 2015, 2015, 1-3.	0.1	3
68	Characterisation of pomegranate juice effects on human corpus cavernosum. <i>Andrologia</i> , 2017, 49, e12712.	1.0	3
69	<sc>CD</sc>99 expression in nasal lobular capillary haemangioma. <i>Histopathology</i> , 2014, 65, 583-585.	1.6	2
70	Differential Histone Posttranslational Modifications Induced by DNA Hypomethylating Agents. <i>Cancer Control</i> , 2022, 29, 107327482210740.	0.7	1
71	PDZK1 expression is age-specific in human breast cancer and a growth-promoting factor that is indirectly regulated by estrogen through IGF1R. <i>FASEB Journal</i> , 2011, 25, lb133.	0.2	0