

Wassim Abou-Kheir

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

2,984
citations

172207

29
h-index

174990

52
g-index

96
all docs

96
docs citations

96
times ranked

4747
citing authors

#	ARTICLE	IF	CITATIONS
1	MiR-1 and miR-200 inhibit EMT via Slug-dependent and tumorigenesis via Slug-independent mechanisms. <i>Oncogene</i> , 2013, 32, 296-306.	2.6	270
2	Sphere-Formation Assay: Three-Dimensional in vitro Culturing of Prostate Cancer Stem/Progenitor Sphere-Forming Cells. <i>Frontiers in Oncology</i> , 2018, 8, 347.	1.3	165
3	Molecular pathway for thymoquinone-induced cell-cycle arrest and apoptosis in neoplastic keratinocytes. <i>Anti-Cancer Drugs</i> , 2004, 15, 389-399.	0.7	162
4	HTR-8/SVneo cell line contains a mixed population of cells. <i>Placenta</i> , 2017, 50, 1-7.	0.7	157
5	Differential Role of Leptin and Adiponectin in Cardiovascular System. <i>International Journal of Endocrinology</i> , 2015, 2015, 1-13.	0.6	145
6	Critical and Reciprocal Regulation of KLF4 and SLUG in Transforming Growth Factor β^2 -Initiated Prostate Cancer Epithelial-Mesenchymal Transition. <i>Molecular and Cellular Biology</i> , 2012, 32, 941-953.	1.1	141
7	Regulation of podosome dynamics by WASp phosphorylation: implication in matrix degradation and chemotaxis in macrophages. <i>Journal of Cell Science</i> , 2009, 122, 3873-3882.	1.2	93
8	MicroRNA-34a regulates WNT/TCF7 signaling and inhibits bone metastasis in Ras-activated prostate cancer. <i>Oncotarget</i> , 2015, 6, 441-457.	0.8	93
9	Prostate Epithelial Pten/TP53 Loss Leads to Transformation of Multipotential Progenitors and Epithelial to Mesenchymal Transition. <i>American Journal of Pathology</i> , 2011, 179, 422-435.	1.9	85
10	Identification of Different Classes of Luminal Progenitor Cells within Prostate Tumors. <i>Cell Reports</i> , 2015, 13, 2147-2158.	2.9	74
11	A WAVE2-Abi1 complex mediates CSF-1-induced F-actin-rich membrane protrusions and migration in macrophages. <i>Journal of Cell Science</i> , 2005, 118, 5369-5379.	1.2	72
12	Membrane targeting of WAVE2 is not sufficient for WAVE2-dependent actin polymerization: a role for IRSp53 in mediating the interaction between Rac and WAVE2. <i>Journal of Cell Science</i> , 2008, 121, 379-390.	1.2	71
13	Characterizing the Contribution of Stem/Progenitor Cells to Tumorigenesis in the Pten ^{fl/fl} /TP53 ^{fl/fl} Prostate Cancer Model. <i>Stem Cells</i> , 2010, 28, 2129-2140.	1.4	63
14	Androgen deprivation therapy-induced epithelial-mesenchymal transition of prostate cancer through downregulating SPDEF and activating CCL2. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 1717-1727.	1.8	62
15	Loss of EGFR signaling-regulated miR-203 promotes prostate cancer bone metastasis and tyrosine kinase inhibitors resistance. <i>Oncotarget</i> , 2014, 5, 3770-3784.	0.8	57
16	Modeling Human Neurological and Neurodegenerative Diseases: From Induced Pluripotent Stem Cells to Neuronal Differentiation and Its Applications in Neurotrauma. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 50.	1.4	54
17	EMT Markers in Locally-Advanced Prostate Cancer: Predicting Recurrence?. <i>Frontiers in Oncology</i> , 2019, 9, 131.	1.3	52
18	The Akt/mTOR pathway in cancer stem/progenitor cells is a potential therapeutic target for glioblastoma and neuroblastoma. <i>Oncotarget</i> , 2018, 9, 33549-33561.	0.8	49

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19	TMPRSS2- Driven ERG Expression In Vivo Increases Self-Renewal and Maintains Expression in a Castration Resistant Subpopulation. PLoS ONE, 2012, 7, e41668.	1.1	48
20	Metformin and Ara-a Effectively Suppress Brain Cancer by Targeting Cancer Stem/Progenitor Cells. Frontiers in Neuroscience, 2015, 9, 442.	1.4	46
21	Cancer Stem Cells in Neuroblastoma: Expanding the Therapeutic Frontier. Frontiers in Molecular Neuroscience, 2019, 12, 131.	1.4	45
22	Tumor Microenvironment in Prostate Cancer: Toward Identification of Novel Molecular Biomarkers for Diagnosis, Prognosis, and Therapy Development. Frontiers in Genetics, 2021, 12, 652747.	1.1	42
23	Modeling Adipogenesis: Current and Future Perspective. Cells, 2020, 9, 2326.	1.8	40
24	Primary versus castration-resistant prostate cancer: modeling through novel murine prostate cancer cell lines. Oncotarget, 2016, 7, 28961-28975.	0.8	40
25	Berberis libanotica Ehrenb Extract Shows Anti-Neoplastic Effects on Prostate Cancer Stem/Progenitor Cells. PLoS ONE, 2014, 9, e112453.	1.1	37
26	Self-Renewing Pten-/-TP53-/- Protospheres Produce Metastatic Adenocarcinoma Cell Lines with Multipotent Progenitor Activity. PLoS ONE, 2011, 6, e26112.	1.1	36
27	PTSD in the COVID-19 Era. Current Neuropharmacology, 2021, 19, 2164-2179.	1.4	35
28	HTR-8/SVneo: A model for epithelial to mesenchymal transition in the human placenta. Placenta, 2020, 90, 90-97.	0.7	34
29	Crosstalk between COVID-19 and prostate cancer. Prostate Cancer and Prostatic Diseases, 2020, 23, 561-563.	2.0	34
30	The Use of Stem Cell-Derived Organoids in Disease Modeling: An Update. International Journal of Molecular Sciences, 2021, 22, 7667.	1.8	34
31	Colorectal and Prostate Cancer Risk in Diabetes: Metformin, an Actor behind the Scene. Journal of Cancer, 2014, 5, 736-744.	1.2	32
32	Gadolinium Retention in the Central and Peripheral Nervous System: Implications for Pain, Cognition, and Neurogenesis. Radiology, 2020, 297, 407-416.	3.6	32
33	Drug repurposing towards targeting cancer stem cells in pediatric brain tumors. Cancer and Metastasis Reviews, 2020, 39, 127-148.	2.7	31
34	Stem Cells: In Sickness and in Health. Current Stem Cell Research and Therapy, 2021, 16, 262-276.	0.6	31
35	Docosahexaenoic acid (DHA) enhances the therapeutic potential of neonatal neural stem cell transplantation post-traumatic brain injury. Behavioural Brain Research, 2018, 340, 1-13.	1.2	27
36	Thalamic Stimulation in Awake Rats Induces Neurogenesis in the Hippocampal Formation. Brain Stimulation, 2016, 9, 101-108.	0.7	25

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37	Prostate Cancer and Aspirin Use: Synopsis of the Proposed Molecular Mechanisms. <i>Frontiers in Pharmacology</i> , 2017, 8, 145.	1.6	25
38	Assessing Radiosensitivity of Bladder Cancer in vitro: A 2D vs. 3D Approach. <i>Frontiers in Oncology</i> , 2019, 9, 153.	1.3	25
39	Protein Expression Analysis of an In Vitro Murine Model of Prostate Cancer Progression: Towards Identification of High-Potential Therapeutic Targets. <i>Journal of Personalized Medicine</i> , 2020, 10, 83.	1.1	25
40	Genome-wide gene expression analysis of a murine model of prostate cancer progression: Deciphering the roles of IL-6 and p38 MAPK as potential therapeutic targets. <i>PLoS ONE</i> , 2020, 15, e0237442.	1.1	24
41	Thymoquinone induces apoptosis and DNA damage in 5-Fluorouracil-resistant colorectal cancer stem/progenitor cells. <i>Oncotarget</i> , 2020, 11, 2959-2972.	0.8	23
42	Transcriptomic profiling of trophoblast fusion using BeWo and JEG-3 cell lines. <i>Molecular Human Reproduction</i> , 2019, 25, 811-824.	1.3	21
43	Acetylsalicylic acid and salicylic acid present anticancer properties against melanoma by promoting nitric oxide-dependent endoplasmic reticulum stress and apoptosis. <i>Scientific Reports</i> , 2020, 10, 19617.	1.6	21
44	Tideglusib attenuates growth of neuroblastoma cancer stem/progenitor cells in vitro and in vivo by specifically targeting GSK-3 β . <i>Pharmacological Reports</i> , 2021, 73, 211-226.	1.5	19
45	The sulfation of biomimetic glycosaminoglycan substrates controls binding of growth factors and subsequent neural and glial cell growth. <i>Biomaterials Science</i> , 2019, 7, 4283-4298.	2.6	17
46	Disruption of ETV6 leads to TWIST1-dependent progression and resistance to epidermal growth factor receptor tyrosine kinase inhibitors in prostate cancer. <i>Molecular Cancer</i> , 2018, 17, 42.	7.9	16
47	Nitrous Oxide Induces Prominent Cell Proliferation in Adult Rat Hippocampal Dentate Gyrus. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 135.	1.8	15
48	Drosophila Tet Is Expressed in Midline Glia and Is Required for Proper Axonal Development. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 252.	1.8	15
49	The synthetic retinoid ST1926 attenuates prostate cancer growth and potentially targets prostate cancer stem-like cells. <i>Molecular Carcinogenesis</i> , 2019, 58, 1208-1220.	1.3	15
50	Chemosensitivity of U251 Cells to the Co-treatment of D-Penicillamine and Copper: Possible Implications on Wilson Disease Patients. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 10.	1.4	14
51	Epidermal Growth Factor Is Essential for the Maintenance of Novel Prostate Epithelial Cells Isolated From Patient-Derived Organoids. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 571677.	1.8	14
52	A Unique Expression of Keratin 14 in a Subset of Trophoblast Cells. <i>PLoS ONE</i> , 2015, 10, e0139939.	1.1	13
53	Overcoming Drug Resistance in Advanced Prostate Cancer by Drug Repurposing. <i>Medical Sciences (Basel, Switzerland)</i> , 2022, 10, 15.	1.3	13
54	The potential use of tideglusib as an adjuvant radio-therapeutic treatment for glioblastoma multiforme cancer stem-like cells. <i>Pharmacological Reports</i> , 2021, 73, 227-239.	1.5	12

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55	Establishment and characterization of prostate organoids from treatment-naïve patients with prostate cancer. <i>Oncology Letters</i> , 2021, 23, 6.	0.8	12
56	Genome-Wide and Phenotypic Evaluation of Stem Cell Progenitors Derived From Gprc5a-Deficient Murine Lung Adenocarcinoma With Somatic Kras Mutations. <i>Frontiers in Oncology</i> , 2019, 9, 207.	1.3	11
57	Role of MicroRNAs in Anesthesia-Induced Neurotoxicity in Animal Models and Neuronal Cultures: a Systematic Review. <i>Neurotoxicity Research</i> , 2020, 37, 479-490.	1.3	11
58	The Emerging Role of COX-2, 15-LOX and PPAR γ in Metabolic Diseases and Cancer: An Introduction to Novel Multi-target Directed Ligands (MTDLs). <i>Current Medicinal Chemistry</i> , 2021, 28, 2260-2300.	1.2	11
59	Thymoquinone Radiosensitizes Human Colorectal Cancer Cells in 2D and 3D Culture Models. <i>Cancers</i> , 2022, 14, 1363.	1.7	11
60	Intracerebroventricular injections of endotoxin (ET) reduces hippocampal neurogenesis. <i>Journal of Neuroimmunology</i> , 2018, 315, 58-67.	1.1	9
61	Anti-Tumor Effects of Biomimetic Sulfated Glycosaminoglycans on Lung Adenocarcinoma Cells in 2D and 3D In Vitro Models. <i>Molecules</i> , 2020, 25, 2595.	1.7	9
62	A Novel Therapeutic Mechanism of Imipridones ONC201/ONC206 in MYCN-Amplified Neuroblastoma Cells via Differential Expression of Tumorigenic Proteins. <i>Frontiers in Pediatrics</i> , 2021, 9, 693145.	0.9	9
63	Characterization of the Kallikrein-Kinin System Post Chemical Neuronal Injury: An In Vitro Biochemical and Neuroproteomics Assessment. <i>PLoS ONE</i> , 2015, 10, e0128601.	1.1	7
64	Ki-67 expression predicts biochemical recurrence after radical prostatectomy in the setting of positive surgical margins. <i>BMC Urology</i> , 2018, 18, 13.	0.6	7
65	Long-term stimulation of the anteromedial thalamus increases hippocampal neurogenesis and spatial reference memory in adult rats. <i>Behavioural Brain Research</i> , 2021, 402, 113114.	1.2	5
66	StarD13 differentially regulates migration and invasion in prostate cancer cells. <i>Human Cell</i> , 2021, 34, 607-623.	1.2	5
67	Pyruvate kinase L/R links metabolism dysfunction to neuroendocrine differentiation of prostate cancer by ZBTB10 deficiency. <i>Cell Death and Disease</i> , 2022, 13, 252.	2.7	5
68	Intranigral Injection of Endotoxin Suppresses Proliferation of Hippocampal Progenitor Cells. <i>Frontiers in Neuroscience</i> , 2019, 13, 687.	1.4	4
69	CYR61/CCN1 expression in resected pancreatic ductal adenocarcinoma: A retrospective pilot study of the interaction between the tumors and their surrounding microenvironment. <i>Heliyon</i> , 2020, 6, e03842.	1.4	4
70	Triple-marker immunohistochemical assessment of muscle-invasive bladder cancer: Is there prognostic significance?. <i>Cancer Reports</i> , 2021, 4, e1313.	0.6	3
71	Central nervous system tumors and three-dimensional cell biology: Current and future perspectives in modeling. <i>World Journal of Stem Cells</i> , 2021, 13, 1112-1126.	1.3	3
72	Urinary Tract Infections Impair Adult Hippocampal Neurogenesis. <i>Biology</i> , 2022, 11, 891.	1.3	3

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73	Second primary malignancy after radical prostatectomy in a cohort from the Middle East. Prostate International, 2018, 6, 46-49.	1.2	1
74	Cancerona: Challenges of Cancer Management in Times of COVID-19 Pandemic. SN Comprehensive Clinical Medicine, 2020, 2, 2005-2014.	0.3	1
75	Abstract 3240: A transgenic mouse model of a common genetic aberration in prostate cancer: Chromosomal rearrangement of TMPRSS2:ERG. , 2010, , .		1
76	Abstract 170: Targeting colorectal cancer stem cells with the anticancer molecule thymoquinone. , 2018, , .		1
77	Searching for human trophoblast progenitor cells in term placenta. Placenta, 2014, 35, A103.	0.7	0
78	PO-316 Genome-wide gene expression analysis of a murine model of prostate cancer cell progression: towards identification of high-potential therapeutic targets. ESMO Open, 2018, 3, A144-A145.	2.0	0
79	PO-127 Investigating the response of normal and cancer bladder cells to radiotherapy. ESMO Open, 2018, 3, A275-A276.	2.0	0
80	Whole Transcriptome Sequencing Analysis of Cancer Stem/Progenitor Cells Obtained from Mouse Lung Adenocarcinomas. Methods in Molecular Biology, 2021, 2279, 187-198.	0.4	0
81	Evidence of cellular proliferation in the spinal cord and hippocampus in an animal model of osteoarthritis. Current Research in Behavioral Sciences, 2021, 2, 100046.	2.4	0
82	Abstract A34: Critical and reciprocal regulation of SLUG-KLF4 and SLUG-miR-1/miR-200b in TGF β -initiated prostate cancer EMT. Cancer Research, 2012, 72, A34-A34.	0.4	0
83	Abstract C66: Establishing clinically relevant in vitro models of prostate cancer. Cancer Research, 2012, 72, C66-C66.	0.4	0
84	Abstract B53: MiR-1 inhibits EMT via Slug-dependent and tumorigenesis via Slug-independent mechanisms. Cancer Research, 2012, 72, B53-B53.	0.4	0
85	Abstract 4510: SHH and GATA interplay: A potential therapeutic target for prostate cancer. , 2018, , .		0
86	Abstract B090: Personalized research: Establishment and characterization of prostate cancer patient-derived organoids and cells. , 2018, , .		0
87	Abstract 4797: A novel Diiminoquinone targets colorectal cancer stem cells. , 2019, , .		0
88	Abstract 3797: Anti-cancer effects of novel imipridone DRD2 antagonists in a panel of human cancer cell lines. , 2020, , .		0
89	Assessment of Adult Hippocampal Neurogenesis: Implication for Neurodegenerative Diseases and Neurological Disorders. Neuromethods, 2021, , 77-92.	0.2	0
90	Periprostatic Adipose Tissue Thromboinflammation Drives Early Prostatic Neoplastic Alterations in a Rat Model of Mild Metabolic Dysfunction. FASEB Journal, 2022, 36, .	0.2	0