

Hisham F Bahmad

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

1,524
citations

279798

23
h-index

377865

34
g-index

84
all docs

84
docs citations

84
times ranked

1930
citing authors

#	ARTICLE	IF	CITATIONS
1	Sphere-Formation Assay: Three-Dimensional in vitro Culturing of Prostate Cancer Stem/Progenitor Sphere-Forming Cells. <i>Frontiers in Oncology</i> , 2018, 8, 347.	2.8	165
2	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.	3.8	62
3	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.	2.9	54
4	Glycosylation and other PTMs alterations in neurodegenerative diseases: Current status and future role in neurotrauma. <i>Electrophoresis</i> , 2016, 37, 1549-1561.	2.4	53
5	EMT Markers in Locally-Advanced Prostate Cancer: Predicting Recurrence?. <i>Frontiers in Oncology</i> , 2019, 9, 131.	2.8	52
6	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.	1.8	49
7	Metformin and Ara-a Effectively Suppress Brain Cancer by Targeting Cancer Stem/Progenitor Cells. <i>Frontiers in Neuroscience</i> , 2015, 9, 442.	2.8	46
8	Cancer Stem Cells in Neuroblastoma: Expanding the Therapeutic Frontier. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 131.	2.9	45
9	Tumor Microenvironment in Prostate Cancer: Toward Identification of Novel Molecular Biomarkers for Diagnosis, Prognosis, and Therapy Development. <i>Frontiers in Genetics</i> , 2021, 12, 652747.	2.3	42
10	Modeling Adipogenesis: Current and Future Perspective. <i>Cells</i> , 2020, 9, 2326.	4.1	40
11	Primary versus castration-resistant prostate cancer: modeling through novel murine prostate cancer cell lines. <i>Oncotarget</i> , 2016, 7, 28961-28975.	1.8	40
12	BRAF and NRAS Mutations in Papillary Thyroid Carcinoma and Concordance in BRAF Mutations Between Primary and Corresponding Lymph Node Metastases. <i>Scientific Reports</i> , 2017, 7, 4666.	3.3	38
13	PTSD in the COVID-19 Era. <i>Current Neuropharmacology</i> , 2021, 19, 2164-2179.	2.9	35
14	Crosstalk between COVID-19 and prostate cancer. <i>Prostate Cancer and Prostatic Diseases</i> , 2020, 23, 561-563.	3.9	34
15	The Use of Stem Cell-Derived Organoids in Disease Modeling: An Update. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7667.	4.1	34
16	Medulloblastoma cancer stem cells: molecular signatures and therapeutic targets. <i>Journal of Clinical Pathology</i> , 2020, 73, 243-249.	2.0	32
17	Drug repurposing towards targeting cancer stem cells in pediatric brain tumors. <i>Cancer and Metastasis Reviews</i> , 2020, 39, 127-148.	5.9	31
18	Stem Cells: In Sickness and in Health. <i>Current Stem Cell Research and Therapy</i> , 2021, 16, 262-276.	1.3	31

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19	Neuroproteomics and Systems Biology Approach to Identify Temporal Biomarker Changes Post Experimental Traumatic Brain Injury in Rats. <i>Frontiers in Neurology</i> , 2016, 7, 198.	2.4	26
20	Epidemiology and clinical characteristics of traumatic brain injury in Lebanon. <i>Medicine (United Tj ETQq0 0 0 rgBT JOverlock, 10 Tf 50 70)</i> , 2019, 10, 26.	1.0	26
21	Prostate Cancer and Aspirin Use: Synopsis of the Proposed Molecular Mechanisms. <i>Frontiers in Pharmacology</i> , 2017, 8, 145.	3.5	25
22	Prevalence, risk factors and seasonal variations of different Enteropathogens in Lebanese hospitalized children with acute gastroenteritis. <i>BMC Pediatrics</i> , 2019, 19, 137.	1.7	25
23	Assessing Radiosensitivity of Bladder Cancer in vitro: A 2D vs. 3D Approach. <i>Frontiers in Oncology</i> , 2019, 9, 153.	2.8	25
24	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.	2.5	25
25	Deciphering glycomics and neuroproteomic alterations in experimental traumatic brain injury: Comparative analysis of aspirin and clopidogrel treatment. <i>Electrophoresis</i> , 2016, 37, 1562-1576.	2.4	24
26	Hepatoid Adenocarcinoma of the Stomach: A Challenging Diagnostic and Therapeutic Disease through a Case Report and Review of the Literature. <i>Frontiers in Medicine</i> , 2017, 4, 164.	2.6	24
27	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.	2.5	24
28	Antimicrobial Susceptibilities and Laboratory Profiles of <i>Escherichia coli</i> , <i>Klebsiella pneumoniae</i> , and <i>Proteus mirabilis</i> Isolates as Agents of Urinary Tract Infection in Lebanon: Paving the Way for Better Diagnostics. <i>Medical Sciences (Basel, Switzerland)</i> , 2020, 8, 32.	2.9	23
29	Prevalence, risk factors, and clinical characteristics of rotavirus and adenovirus among Lebanese hospitalized children with acute gastroenteritis. <i>Heliyon</i> , 2020, 6, e04248.	3.2	21
30	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.	3.3	19
31	Overcoming Therapy Resistance in Colon Cancer by Drug Repurposing. <i>Cancers</i> , 2022, 14, 2105.	3.7	18
32	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.	5.4	17
33	Conservative Treatment of Dentigerous Cyst by Marsupialization in a Young Female Patient: A Case Report and Review of the Literature. <i>Case Reports in Dentistry</i> , 2018, 2018, 1-6.	0.5	16
34	Degradomics in Neurotrauma: Profiling Traumatic Brain Injury. <i>Methods in Molecular Biology</i> , 2017, 1598, 65-99.	0.9	15
35	Nitrous Oxide Induces Prominent Cell Proliferation in Adult Rat Hippocampal Dentate Gyrus. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 135.	3.7	15
36	The synthetic retinoid ST1926 attenuates prostate cancer growth and potentially targets prostate cancer stem-like cells. <i>Molecular Carcinogenesis</i> , 2019, 58, 1208-1220.	2.7	15

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37	Prevalence of anemia among Lebanese hospitalized children: Risk and protective factors. PLoS ONE, 2018, 13, e0201806.	2.5	14
38	Epidermal Growth Factor Is Essential for the Maintenance of Novel Prostate Epithelial Cells Isolated From Patient-Derived Organoids. Frontiers in Cell and Developmental Biology, 2020, 8, 571677.	3.7	14
39	Immunosuppression in Medulloblastoma: Insights into Cancer Immunity and Immunotherapy. Current Treatment Options in Oncology, 2021, 22, 83.	3.0	14
40	The Emerging Role of Proteomics in Precision Medicine: Applications in Neurodegenerative Diseases and Neurotrauma. Advances in Experimental Medicine and Biology, 2017, 1007, 59-70.	1.6	13
41	Overcoming Drug Resistance in Advanced Prostate Cancer by Drug Repurposing. Medical Sciences (Basel, Switzerland), 2022, 10, 15.	2.9	13
42	The potential use of tideglusib as an adjuvant radio-therapeutic treatment for glioblastoma multiforme cancer stem-like cells. Pharmacological Reports, 2021, 73, 227-239.	3.3	12
43	Biomarkers in Neuroblastoma: An Insight into Their Potential Diagnostic and Prognostic Utilities. Current Treatment Options in Oncology, 2021, 22, 102.	3.0	12
44	Establishment and characterization of prostate organoids from treatment-naïve patients with prostate cancer. Oncology Letters, 2021, 23, 6.	1.8	12
45	Genome-Wide and Phenotypic Evaluation of Stem Cell Progenitors Derived From Gprc5a-Deficient Murine Lung Adenocarcinoma With Somatic Kras Mutations. Frontiers in Oncology, 2019, 9, 207.	2.8	11
46	Role of MicroRNAs in Anesthesia-Induced Neurotoxicity in Animal Models and Neuronal Cultures: a Systematic Review. Neurotoxicity Research, 2020, 37, 479-490.	2.7	11
47	Drug Repurposing in Medulloblastoma: Challenges and Recommendations. Current Treatment Options in Oncology, 2021, 22, 6.	3.0	11
48	Deciphering the roles of glycogen synthase kinase 3 (GSK3) in the treatment of autism spectrum disorder and related syndromes. Molecular Biology Reports, 2021, 48, 2669-2686.	2.3	11
49	Genomic alterations during p53-dependent apoptosis induced by β -irradiation of Molt-4 leukemia cells. PLoS ONE, 2017, 12, e0190221.	2.5	10
50	Correlation between spread through air spaces (STAS) and other clinicopathological parameters in lung cancer. Pathology Research and Practice, 2021, 220, 153376.	2.3	10
51	Role of Systems Biology in Brain Injury Biomarker Discovery: Neuroproteomics Application. Methods in Molecular Biology, 2016, 1462, 157-174.	0.9	9
52	Prevalence, Laboratory Findings and Clinical Characteristics of Campylobacteriosis Agents among Hospitalized Children with Acute Gastroenteritis in Lebanon. Pediatric Gastroenterology, Hepatology and Nutrition, 2021, 24, 346.	1.2	9
53	New insights into the role of fibroblast growth factors in Alzheimer's disease. Molecular Biology Reports, 2022, 49, 1413-1427.	2.3	9
54	Rising incidence of appendiceal neoplasms over time: Does pathological handling of appendectomy specimens play a role?. Annals of Diagnostic Pathology, 2021, 52, 151724.	1.3	7

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55	Application of Systems Biology to Neuroproteomics: The Path to Enhanced Theranostics in Traumatic Brain Injury. <i>Methods in Molecular Biology</i> , 2016, 1462, 139-155.	0.9	6
56	Prognostic impact of adenylyl cyclase-associated protein 2 (CAP2) in glioma: A clinicopathological study. <i>Heliyon</i> , 2020, 6, e03236.	3.2	5
57	Nanotherapeutic approach to treat diabetic foot ulcers using tissue-engineered nanofiber skin substitutes: A review. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2021, 15, 487-491.	3.6	5
58	Repurposing of Anticancer Stem Cell Drugs in Brain Tumors. <i>Journal of Histochemistry and Cytochemistry</i> , 2021, 69, 002215542110254.	2.5	5
59	Lymphoepithelioma-Like Carcinoma of the Breast: A Case Report Unveiling Several Clinical and Histopathological Challenges. <i>Case Reports in Surgery</i> , 2018, 2018, 1-7.	0.4	4
60	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.	3.2	4
61	Iatrogenic Acute Ascending Aortic Dissection with Intramural Hematoma during Coronary Artery Stenting: A Case Report. <i>Frontiers in Surgery</i> , 2017, 4, 2.	1.4	3
62	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.	2.8	3
63	STAT3 in medulloblastoma: a key transcriptional regulator and potential therapeutic target. <i>Molecular Biology Reports</i> , 2022, 49, 10635-10652.	2.3	3
64	Collision tumors of the lung: A case report of urothelial carcinoma metastasizing to renal cell carcinoma with heterotopic ossification. <i>Respiratory Medicine Case Reports</i> , 2020, 31, 101297.	0.4	2
65	Rectal endometriosis presenting as toxic megacolon. <i>Autopsy and Case Reports</i> , 2021, 11, e2021319.	0.6	2
66	Multiple myeloma presenting as acute tubulointerstitial nephritis. <i>Autopsy and Case Reports</i> , 2021, 11, e2021328.	0.6	2
67	Targeting Angiogenic Factors for the Treatment of Medulloblastoma. <i>Current Treatment Options in Oncology</i> , 2022, 23, 864-886.	3.0	2
68	Giant Ureteral Fibroepithelial Polyp with Intermittent Prolapse Reaching the Urethral Meatus: A Case Report. <i>Urology Case Reports</i> , 2017, 13, 6-9.	0.3	1
69	Cancerona: Challenges of Cancer Management in Times of COVID-19 Pandemic. <i>SN Comprehensive Clinical Medicine</i> , 2020, 2, 2005-2014.	0.6	1
70	Neonatal acute liver failure with pulmonary yellow hyaline membrane and kernicterus. <i>Autopsy and Case Reports</i> , 2021, 11, e2021268.	0.6	1
71	Post-mortem assessment of vimentin expression as a biomarker for renal tubular regeneration following acute kidney injury. <i>Journal of Pathology and Translational Medicine</i> , 2021, 55, 369-379.	1.1	1
72	Intraosseous meningioma mimicking osteosarcoma. <i>Autopsy and Case Reports</i> , 2021, 11, e2021332.	0.6	1

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73	Papillary cystadenoma of the epididymis. Autopsy and Case Reports, 2022, 12, e2021374.	0.6	1
74	Immunohistochemical assessment of cannabinoid type-1 receptor (CB1R) and its correlation with clinicopathological parameters in glioma. Pathologica, 2022, 114, 128-137.	3.4	1
75	Perception of Biostatistics by Lebanese Medical Students: A Cross-Sectional Study. Alexandria Journal of Medicine, 2021, 57, 103-109.	0.6	0
76	Tubular colonic duplication in an adult patient with long-standing history of constipation and tenesmus. Autopsy and Case Reports, 2021, 11, e2021260.	0.6	0
77	PREDICTORS OF LEFT BUNDLE BRANCH BLOCK AFTER TRANSCATHETER AORTIC VALVE REPLACEMENT: A SYSTEMATIC REVIEW AND META-ANALYSIS. Journal of the American College of Cardiology, 2021, 77, 1123.	2.8	0
78	Parathyroid hemangioma. Autopsy and Case Reports, 2021, 11, e2021270.	0.6	0
79	Role of Stem Cells in Cardiac Diseases. International Journal of Stem Cell Research and Transplantation, 0, , 173-178.	0.0	0
80	Abstract B090: Personalized research: Establishment and characterization of prostate cancer patient-derived organoids and cells. , 2018, , .		0
81	Autoimmunity Responses in Traumatic Brain Injury and Spinal Cord Injury. , 2018, , 461-476.		0
82	Abstract 2802: Establishing and optimizing treatment-naïve prostate cancer patient-derived organoids culture: Implications for personalized medicine. , 2020, , .		0