Malak S Abedalthagafi

List of Publications by Year
in descending order

110 papers	3,025 citations	186265 28 h-index	175258 52 g-index
120 all docs	120 docs citations	120 times ranked	5048 citing authors

#	Article	IF	Citations
1	iSCAN: An RT-LAMP-coupled CRISPR-Cas12 module for rapid, sensitive detection of SARS-CoV-2. Virus Research, 2020, 288, 198129.	2.2	226
2	Oncogenic PI3K mutations are as common asAKT1andSMOmutations in meningioma. Neuro-Oncology, 2016, 18, 649-655.	1.2	221
3	Dramatic Response of BRAF V600E Mutant Papillary Craniopharyngioma to Targeted Therapy. Journal of the National Cancer Institute, 2016, 108, djv310.	6.3	182
4	Genomic landscape of high-grade meningiomas. Npj Genomic Medicine, 2017, 2, .	3.8	130
5	Increased expression of the immune modulatory molecule PD-L1 (CD274) in anaplastic meningioma. Oncotarget, 2015, 6, 4704-4716.	1.8	127
6	Radiographic prediction of meningioma grade by semantic and radiomic features. PLoS ONE, 2017, 12, e0187908.	2.5	109
7	Genomic landscape of intracranial meningiomas. Journal of Neurosurgery, 2016, 125, 525-535.	1.6	104
8	Germline and somatic BAP1 mutations in high-grade rhabdoid meningiomas. Neuro-Oncology, 2017, 19, now235.	1.2	99
9	The alternative lengthening of telomere phenotype is significantly associated with loss of ATRX expression in high-grade pediatric and adult astrocytomas: a multi-institutional study of 214 astrocytomas. Modern Pathology, 2013, 26, 1425-1432.	5.5	98
10	Landscape of Genomic Alterations in Pituitary Adenomas. Clinical Cancer Research, 2017, 23, 1841-1851.	7.0	94
11	A molecularly integrated grade for meningioma. Neuro-Oncology, 2022, 24, 796-808.	1.2	83
12	Adjuvant radiation therapy, local recurrence, and the need for salvage therapy in atypical meningioma. Neuro-Oncology, 2014, 16, 1547-1553.	1.2	80
13	ARID1A and TERT promoter mutations in dedifferentiated meningioma. Cancer Genetics, 2015, 208, 345-350.	0.4	73
14	CyberKnife radiosurgery for inoperable stage IA non-small cell lung cancer: 18F-fluorodeoxyglucose positron emission tomography/computed tomography serial tumor response assessment. Journal of Hematology and Oncology, 2010, 3, 6.	17.0	68
15	Angiomatous meningiomas have a distinct genetic profile with multiple chromosomal polysomies including polysomy of chromosome 5. Oncotarget, 2014, 5, 10596-10606.	1.8	65
16	Sporadic hemangioblastomas are characterized by cryptic VHL inactivation. Acta Neuropathologica Communications, 2014, 2, 167.	5.2	65
17	A prognostic cytogenetic scoring system to guide the adjuvant management of patients with atypical meningioma. Neuro-Oncology, 2016, 18, 269-274.	1.2	64
18	Rare loss-of-function variants in type I IFN immunity genes are not associated with severe COVID-19. Journal of Clinical Investigation, 2021, 131, .	8.2	56

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19	Cross-reactivity of the BRAF VE1 antibody with epitopes in axonemal dyneins leads to staining of cilia. Modern Pathology, 2015, 28, 596-606.	5.5	55
20	Clinical multiplexed exome sequencing distinguishes adult oligodendroglial neoplasms from astrocytic and mixed lineage gliomas. Oncotarget, 2014, 5, 8083-8092.	1.8	55
21	Clinical Identification of Oncogenic Drivers and Copy-Number Alterations in Pituitary Tumors. Endocrinology, 2017, 158, 2284-2291.	2.8	53
22	Durable Response to Nivolumab in a Pediatric Patient with Refractory Glioblastoma and Constitutional Biallelic Mismatch Repair Deficiency. Oncologist, 2018, 23, 1401-1406.	3.7	53
23	Primary mismatch repair deficient IDH-mutant astrocytoma (PMMRDIA) is a distinct type with a poor prognosis. Acta Neuropathologica, 2021, 141, 85-100.	7.7	52
24	Constitutional mismatch repair-deficiency: current problems and emerging therapeutic strategies. Oncotarget, 2018, 9, 35458-35469.	1.8	47
25	Recent Advances in Meningioma Immunogenetics. Frontiers in Oncology, 2019, 9, 1472.	2.8	42
26	Clinical implementation of integrated whole-genome copy number and mutation profiling for glioblastoma. Neuro-Oncology, 2015, 17, 1344-1355.	1.2	40
27	Diversity in immunogenomics: the value and the challenge. Nature Methods, 2021, 18, 588-591.	19.0	40
28	Cancer diagnostics: The journey from histomorphology to molecular profiling. Oncotarget, 2016, 7, 58696-58708.	1.8	37
29	The Potential Role of Social Media Platforms in Community Awareness of Antibiotic Use in the Gulf Cooperation Council States: Luxury or Necessity?. Journal of Medical Internet Research, 2015, 17, e233.	4.3	32
30	Decreased <scp>FOXJ1</scp> expression and its ciliogenesis programme in aggressive ependymoma and choroid plexus tumours. Journal of Pathology, 2016, 238, 584-597.	4.5	29
31	MAPK activation andHRASmutation identified in pituitary spindle cell oncocytoma. Oncotarget, 2016, 7, 37054-37063.	1.8	27
32	Craniopharyngioma: a roadmap for scientific translation. Neurosurgical Focus, 2018, 44, E12.	2.3	26
33	Extracranial growth of glioblastoma multiforme. Journal of Clinical Neuroscience, 2015, 22, 1521-1523.	1.5	25
34	Isolated cerebral mucormycosis of the basal ganglia. Clinical Neurology and Neurosurgery, 2014, 124, 102-105.	1.4	24
35	Familial/inherited cancer syndrome: a focus on the highly consanguineous Arab population. Npj Genomic Medicine, 2020, 5, 3.	3.8	24
36	Immunogenetics of glioblastoma: the future of personalized patient management. Npj Precision Oncology, 2018, 2, 27.	5.4	23

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37	Improving the completeness of public metadata accompanying omics studies. Genome Biology, 2021, 22, 106.	8.8	22
38	Osteoglycin promotes meningioma development through downregulation of NF2 and activation of mTOR signaling. Cell Communication and Signaling, 2017, 15, 34.	6.5	21
39	Cell-based analysis of CAD variants identifies individuals likely to benefit from uridine therapy. Genetics in Medicine, 2020, 22, 1598-1605.	2.4	18
40	Genomic characterization of recurrent high-grade astroblastoma. Cancer Genetics, 2016, 209, 321-330.	0.4	17
41	Akt and Hippo Pathways in Ewing's Sarcoma Tumors and Their Prognostic Significance. Journal of Cancer, 2015, 6, 1005-1010.	2.5	16
42	Genomic Profiling of Circulating Tumor DNA From Cerebrospinal Fluid to Guide Clinical Decision Making for Patients With Primary and Metastatic Brain Tumors. Frontiers in Neurology, 2020, 11, 544680.	2.4	16
43	New insights into the genomic landscape of meningiomas identified FGFR3 in a subset of patients with favorable prognoses. Oncotarget, 2019, 10, 5549-5559.	1.8	16
44	Asymptomatic diffuse "encephalitic" cerebral toxoplasmosis in a patient with chronic lymphocytic leukemia: case report and review of the literature. International Journal of Clinical and Experimental Pathology, 2009, 3, 106-9.	0.5	15
45	Association of KIR gene polymorphisms with COVID-19 disease. Clinical Immunology, 2022, 234, 108911.	3.2	15
46	Precsion medicine of monogenic disorders Lessons learned from the Saudi human genome. Frontiers in Bioscience - Landmark, 2019, 24, 870-889.	3.0	14
47	Regression of ETV6-NTRK3 Infantile Glioblastoma After First-Line Treatment With Larotrectinib. JCO Precision Oncology, 2020, 4, 796-800.	3.0	13
48	Immune profiling of pituitary tumors reveals variations in immune infiltration and checkpoint molecule expression. Pituitary, 2021, 24, 359-373.	2.9	12
49	Telomerase reverse transcriptase promoter mutations in cancers derived from multiple organ sites among middle eastern population. Genomics, 2020, 112, 1746-1753.	2.9	10
50	Position paper: Challenges and specific strategies for constitutional mismatch repair deficiency syndrome in lowâ€resource settings. Pediatric Blood and Cancer, 2020, 67, e28309.	1.5	10
51	The Saudi Critical Care Society practice guidelines on the management of COVID-19 in the ICU: Therapy section. Journal of Infection and Public Health, 2022, 15, 142-151.	4.1	10
52	Correlation between ABO Blood Group Phenotype and the Risk of COVID-19 Infection and Severity of Disease in a Saudi Arabian Cohort. Journal of Epidemiology and Global Health, 2022, 12, 85-91.	2.9	10
53	Meningioma transcription factors link cell lineage with systemic metabolic cues. Neuro-Oncology, 2018, 20, 1331-1343.	1.2	9
54	Clinical management and genomic profiling of pediatric low-grade gliomas in Saudi Arabia. PLoS ONE, 2020, 15, e0228356.	2.5	9

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55	Epigenomics and immunotherapeutic advances in pediatric brain tumors. Npj Precision Oncology, 2021, 5, 34.	5.4	9
56	Immunophenotype of Vestibular Schwannomas. Otology and Neurotology, 2020, 41, e1290-e1296.	1.3	9
57	Gastrointestinal stromal tumour originating from the hepatic falciform ligament. BMJ Case Reports, 2012, 2012, bcr0320126136-bcr0320126136.	0.5	9
58	Radiation-induced glioma following CyberKnifeÂ® treatment of metastatic renal cell carcinoma: a case report. Journal of Medical Case Reports, 2012, 6, 271.	0.8	8
59	First report of tenosynovitis in an immunocompetent person caused by Mycobacterium heraklionense. JMM Case Reports, 2014, 1, .	1.3	8
60	Fabrication of a Lateral Flow Assay for Rapid In-Field Detection of COVID-19 Antibodies Using Additive Manufacturing Printing Technologies. International Journal of Bioprinting, 2021, 7, 399.	3.4	8
61	Expression of renal cell markers and detection of 3p loss links endolymphatic sac tumor to renal cell carcinoma and warrants careful evaluation to avoid diagnostic pitfalls. Acta Neuropathologica Communications, 2018, 6, 107.	5.2	7
62	Methylation Profiling of Medulloblastoma in a Clinical Setting Permits Sub-classification and Reveals New Outcome Predictions. Frontiers in Neurology, 2020, 11, 167.	2.4	7
63	Primary retroperitoneal mucinous cystadenoma. Journal of King Abdulaziz University, Islamic Economics, 2009, 30, 146-9.	1.1	7
64	Sporadic cutaneous angiosarcomas generally lack hypoxia-inducible factor 1Î±: a histologic and immunohistochemical study of 45 cases. Annals of Diagnostic Pathology, 2010, 14, 15-22.	1.3	6
65	Rare TP53 variant associated with Li-Fraumeni syndrome exhibits variable penetrance in a Saudi family. Npj Genomic Medicine, 2018, 3, 35.	3.8	6
66	Duplication of C7orf58, WNT16 and FAM3C in an Obese Female with a t(7;22)(q32.1;q11.2) Chromosomal Translocation and Clinical Features Resembling Coffin-Siris Syndrome. PLoS ONE, 2012, 7, e52353.	2.5	5
67	Landscape of somatic mutations in breast cancer: new opportunities for targeted therapies in Saudi Arabian patients. Oncotarget, 2021, 12, 686-697.	1.8	5
68	The History and Challenges of Women in Genetics: A Focus on Non-Western Women. Frontiers in Genetics, 2021, 12, 759662.	2.3	5
69	Diagnostic Evaluation of Metastatic Placental Site Trophoblastic Tumor. Obstetrics and Gynecology, 2009, 114, 465-468.	2.4	4
70	A case of molecularly profiled extraneural medulloblastoma metastases in a child. BMC Medical Genetics, 2018, 19, 10.	2.1	3
71	Is a computer crossmatch in the absence of an immediateâ€spin antibody screen adequate for persons identified to be at increased risk of forming new blood group antibodies?. Transfusion, 2008, 48, 2265-2266.	1.6	2
72	Index case identification and outcomes of cascade testing in high-risk breast and colorectal cancer predisposition genes. European Journal of Human Genetics, 2022, 30, 392-393.	2.8	2

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73	Absence of FLT3 and JAK2 (V617F) mutations in Langerhans cell histiocytosis. Leukemia Research, 2009, 33, e173-e174.	0.8	1
74	A Prognostic Molecular Scoring System to Guide the Adjuvant Management of Patients With Gross Totally Resected Atypical Meningioma. International Journal of Radiation Oncology Biology Physics, 2015, 93, S167.	0.8	1
75	Lymph node metastasis of presacral ependymoblastoma in a young child. Journal of Clinical Neuroscience, 2017, 40, 64-66.	1.5	1
76	As a Saudi woman scientist, Iâ€™m tired of negative stereotypes. Nature, 2018, 554, 405-405.	27.8	1
77	A Jordanian biologist redefines success for women in science. Nature, 2018, 560, 164-164.	27.8	1
78	Radiographic Prediction of Meningioma Grade and Genomic Profile. Journal of Neurological Surgery, Part B: Skull Base, 2017, 78, S1-S156.	0.8	1
79	Immune Microenvironment of Vestibular Schwannomas. Journal of Neurological Surgery, Part B: Skull Base, 2018, 79, S1-S188.	0.8	1
80	Periocular Pigmented Basal Cell Carcinomas: Clinicopathologic Features and Mutational Profile. Ophthalmic Plastic and Reconstructive Surgery, 0, Publish Ahead of Print, .	0.8	1
81	MNGO-01A PROGNOSTIC CYTOGENETIC SCORING SYSTEM TO GUIDE THE ADJUVANT MANAGEMENT OF PATIENTS WITH ATYPICAL MENINGIOMA. Neuro-Oncology, 2015, 17, v130.1-v130.	1.2	0
82	GENO-09LANDSCAPE OF GENOMIC ALTERATIONS IN PITUITARY ADENOMAS. Neuro-Oncology, 2015, 17, v93.1-v93.	1.2	0
83	Myelodysplastic syndrome with progressive multifocal predominantly pontine demyelination. Neurology: Neuroimmunology and NeuroInflammation, 2015, 2, e90.	6.0	0
84	MEDU-03. MEDULLOBLASTOMA GENOMIC SUBGROUP-SPECIFIC OUTCOMES IN IRRADIATED CHILDREN ABOVE 3 YEARS TREATED AT KING FAHAD MEDICAL CITY (KFMC). Neuro-Oncology, 2017, 19, iv37-iv38.	1.2	0
85	PATH-03. â€œDEDIFFERENTIATEDâ€•GLIOBLASTOMA: AÂCLINICOPATHOLOGICAL AND MOLECULAR STUDY. Neuro-Oncology, 2017, 19, vi171-vi171.	1.2	0
86	HGG-03. PREVALENCE OF BIALLELIC MISMATCH REPAIR DEFICIENCY IN CHILDREN WITH MALIGNANT GLIOMA TREATED AT KING FAHAD MEDICAL CITY (KFMC). Neuro-Oncology, 2018, 20, i89-i89.	1.2	0
87	MBRS-01. A CASE OF MOLECULARLY PROFILED EXTRANEURAL MEDULLOBLASTOMA METASTASES IN A CHILD. Neuro-Oncology, 2018, 20, i128-i128.	1.2	0
88	IMMU-01. DURABLE RESPONSE TO NIVOLUMAB IN A PEDIATRIC PATIENT WITH REFRACTORY GLIOBLASTOMA AND CONSTITUTIONAL BIALLELIC MISMATCH REPAIR DEFICIENCY. Neuro-Oncology, 2018, 20, i98-i98.	1.2	0
89	LGG-03. NEW INSIGHTS INTO PEDIATRIC LOW-GRADE GLIOMAS IN SAUDI ARABIA REVEALED THROUGH GENETIC PROFILING SINGLE CENTER EXPERIENCE. Neuro-Oncology, 2019, 21, ii99-ii99.	1.2	0
90	Editorial: Genomics and Epigenomics of Cancer Immunotherapy: Challenges and Clinical Implications. Frontiers in Oncology, 2021, 11, 704397.	2.8	0

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91	The clinico-pathologic profile of primary and recurrent orbital/periorbital plexiform neurofibromas (OPPN). PLoS ONE, 2021, 16, e0258802.	2.5	0
92	Absence of FLT3 and JAK2 (V617F) Mutations in Langerhans Cell Histiocytosis. Blood, 2008, 112, 4496-4496.	1.4	0
93	Expression of Matrix Metalloproteinase 7 and Fibronectin in Papillary Thyroid Cancer: Gene Expression Profiling using real time PCR. FASEB Journal, 2009, 23, LB331.	0.5	0
94	Genetic Alterations in Skull Base Meningiomas. Journal of Neurological Surgery, Part B: Skull Base, 2015, 76, .	0.8	0
95	Genomic Landscape of Pituitary Adenomas. Journal of Neurological Surgery, Part B: Skull Base, 2016, 77, .	0.8	0
96	Genomic Landscape of High-grade Meningiomas. Journal of Neurological Surgery, Part B: Skull Base, 2017, 78, S1-S156.	0.8	0
97	Immune Microenvironment of Pituitary Adenomas. Journal of Neurological Surgery, Part B: Skull Base, 2018, 79, S1-S188.	0.8	0
98	Leading a female research team. Nature Middle East, 0, , .	0.0	0
99	Molecular Taxonomy of Meningioma. , 2020, 81, .		0
100	RARE-55. CHALLENGES AND SPECIFIC STRATEGIES FOR CONSTITUTIONAL MISMATCH REPAIR DEFICIENCY SYNDROME IN LOW RESOURCE SETTINGS. ON BEHALF OF THE INTERNATIONAL RRD CONSORTIUM IN LOW RESOURCE SETTINGS PANEL. Neuro-Oncology, 2020, 22, iii454-iii454.	1.2	0
101	MBCL-01. METHYLATION PROFILING OF PEDIATRIC MEDULLOBLASTOMA IN SAUDI ARABIA IN A CLINICAL SETTING PERMITS SUB-CLASSIFICATION AND REVEALS NEW OUTCOME PREDICTIONS. Neuro-Oncology, 2020, 22, iii386-iii387.	1.2	0
102	LGG-01. CLINICAL MANAGEMENT AND GENOMIC PROFILING OF PEDIATRIC LOW-GRADE GLIOMAS IN SAUDI ARABIA. Neuro-Oncology, 2020, 22, iii366-iii366.	1.2	0
103	LGG-15. PEDIATRIC LOW-GRADE GLIOMAS IN SAUDI ARABIA: RETROSPECTIVE ANALYSIS OF CHILDREN WITH LOW-GRADE GLIOMAS TREATED IN KING FAHAD MEDICAL CITY KFMC- SINGLE INSTITUTIONAL EXPERIENCE. Neuro-Oncology, 2020, 22, iii368-iii369.	1.2	0
104	HGG-09. FIRST LINE THERAPY OF PEDIATRIC GLIOBLASTOMA WITH LAROTRECTINIB. Neuro-Oncology, 2020, 22, iii345-iii345.	1.2	0
105	PATH-35. A SCALABLE MOLECULARLY INTEGRATED CLASSIFIER FOR MENINGIOMA OUTPERFORMS WHO CLASSIFICATION. Neuro-Oncology, 2020, 22, ii172-ii172.	1.2	0
106	Expression of Programmed Cell Death-L1 (PD-L1) Protein and Mismatch Repair Mutations in Orbital Tumours-a Pilot Study. European Journal of Ophthalmology, 2021, , 112067212110662.	1.3	0
107	Clinical management and genomic profiling of pediatric low-grade gliomas in Saudi Arabia. , 2020, 15, e0228356.		0
108	Clinical management and genomic profiling of pediatric low-grade gliomas in Saudi Arabia. , 2020, 15, e0228356.		0

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109	Clinical management and genomic profiling of pediatric low-grade gliomas in Saudi Arabia. , 2020, 15, e0228356.		0
110	Clinical management and genomic profiling of pediatric low-grade gliomas in Saudi Arabia. , 2020, 15, e0228356.		0