

# Eyas M Hattab

## List of Publications by Citations

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97  
papers

3,913  
citations

25  
h-index

62  
g-index

101  
ext. papers

4,748  
ext. citations

4.7  
avg, IF

4.7  
L-index

#	Paper	IF	Citations
97	Comprehensive, Integrative Genomic Analysis of Diffuse Lower-Grade Gliomas. <i>New England Journal of Medicine</i> , <b>2015</b> , 372, 2481-98	59.2	1828
96	An unexpected version of horror autotoxicus: anaphylactic shock to a self-peptide. <i>Nature Immunology</i> , <b>2001</b> , 2, 216-22	19.1	161
95	Lipid and metabolite profiles of human brain tumors by desorption electrospray ionization-MS. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 1486-91	11.5	146
94	Study of the biodistribution of fluorescein in glioma-infiltrated mouse brain and histopathological correlation of intraoperative findings in high-grade gliomas resected under fluorescein fluorescence guidance. <i>Journal of Neurosurgery</i> , <b>2015</b> , 122, 1360-9	3.2	119
93	Intraoperative assessment of tumor margins during glioma resection by desorption electrospray ionization-mass spectrometry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 6700-6705	11.5	106
92	OCT4 immunohistochemistry is superior to placental alkaline phosphatase (PLAP) in the diagnosis of central nervous system germinoma. <i>American Journal of Surgical Pathology</i> , <b>2005</b> , 29, 368-71	6.7	101
91	Atypical ductal hyperplasia: interobserver and intraobserver variability. <i>Modern Pathology</i> , <b>2011</b> , 24, 917-23	9.8	84
90	Tertiary Gleason pattern 5 is a powerful predictor of biochemical relapse in patients with Gleason score 7 prostatic adenocarcinoma. <i>Journal of Urology</i> , <b>2006</b> , 175, 1695-9; discussion 1699	2.5	81
89	Impaired growth and neurological abnormalities in branched-chain alpha-keto acid dehydrogenase kinase-deficient mice. <i>Biochemical Journal</i> , <b>2006</b> , 400, 153-62	3.8	75
88	Primary testicular diffuse large B-cell lymphoma belongs to the nongerminal center B-cell-like subgroup: A study of 18 cases. <i>Modern Pathology</i> , <b>2006</b> , 19, 1521-7	9.8	75
87	Chromosome 12p abnormalities in dysgerminoma of the ovary: a FISH analysis. <i>Modern Pathology</i> , <b>2006</b> , 19, 611-5	9.8	67
86	Expression of CD117 (c-kit) receptor in dysgerminoma of the ovary: diagnostic and therapeutic implications. <i>Modern Pathology</i> , <b>2005</b> , 18, 1411-6	9.8	61
85	Use of intraoperative fluorescein sodium fluorescence to improve the accuracy of tissue diagnosis during stereotactic needle biopsy of high-grade gliomas. <i>Acta Neurochirurgica</i> , <b>2014</b> , 156, 1071-5; discussion 1075	3	49
84	Differential Lipid Profiles of Normal Human Brain Matter and Gliomas by Positive and Negative Mode Desorption Electrospray Ionization - Mass Spectrometry Imaging. <i>PLoS ONE</i> , <b>2016</b> , 11, e0163180	3.7	49
83	Most primary central nervous system diffuse large B-cell lymphomas occurring in immunocompetent individuals belong to the nongerminal center subtype: a retrospective analysis of 31 cases. <i>Modern Pathology</i> , <b>2010</b> , 23, 235-43	9.8	48
82	Study of the cervical plexus innervation of the trapezius muscle. <i>Journal of Neurosurgery: Spine</i> , <b>2011</b> , 14, 626-9	2.8	39
81	Morphological and molecular features of astroblastoma, including BRAFV600E mutations, suggest an ontological relationship to other cortical-based gliomas of children and young adults. <i>Neuro-Oncology</i> , <b>2017</b> , 19, 31-42	1	38

80	Primitive neuroectodermal tumors in patients with testicular germ cell tumors usually resemble pediatric-type central nervous system embryonal neoplasms and lack chromosome 22 rearrangements. <i>Modern Pathology</i> , <b>2010</b> , 23, 972-80	9.8	38
79	Genomic analysis demonstrates that histologically-defined astroblastomas are molecularly heterogeneous and that tumors with MN1 rearrangement exhibit the most favorable prognosis. <i>Acta Neuropathologica Communications</i> , <b>2019</b> , 7, 42	7.3	34
78	Polysomy of chromosomes 1 and/or 19 is common and associated with less favorable clinical outcome in oligodendrogliomas: fluorescent in situ hybridization analysis of 84 consecutive cases. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2012</b> , 71, 618-24	3.1	34
77	Histologically benign intraventricular meningioma with concurrent pulmonary metastasis: case report and review of the literature. <i>Clinical Neurology and Neurosurgery</i> , <b>2008</b> , 110, 416-9	2	30
76	Analysis of human gliomas by swab touch spray-mass spectrometry: applications to intraoperative assessment of surgical margins and presence of oncometabolites. <i>Analyst, The</i> , <b>2017</b> , 142, 4058-4066	5	27
75	A system for sharing routine surgical pathology specimens across institutions: the Shared Pathology Informatics Network. <i>Human Pathology</i> , <b>2007</b> , 38, 1212-25	3.7	27
74	Extramedullary spinal ependymoma: a diagnostic challenge and review of the literature. <i>Clinical Neurology and Neurosurgery</i> , <b>2011</b> , 113, 661-4	2	25
73	Medulloblastoma mimicking Lhermitte-Duclos disease on MRI and CT. <i>Clinical Neurology and Neurosurgery</i> , <b>2009</b> , 111, 536-9	2	25
72	Diffusion-weighted imaging characteristics of primary central nervous system germinoma with histopathologic correlation: a retrospective study. <i>Academic Radiology</i> , <b>2009</b> , 16, 1356-65	4.3	23
71	Zika virus infects pericytes in the choroid plexus and enters the central nervous system through the blood-cerebrospinal fluid barrier. <i>PLoS Pathogens</i> , <b>2020</b> , 16, e1008204	7.6	22
70	LEAN SIX SIGMA TECHNIQUES TO IMPROVE OPHTHALMOLOGY CLINIC EFFICIENCY. <i>Retina</i> , <b>2018</b> , 38, 1688-1698	3.6	21
69	Is it ADEM, POLG, or both?. <i>Archives of Neurology</i> , <b>2010</b> , 67, 493-6		21
68	The pathological spectrum of solid CNS metastases in the pediatric population. <i>Journal of Neurosurgery: Pediatrics</i> , <b>2014</b> , 14, 129-35	2.1	20
67	The stromal component of large endometrial polyps. <i>International Journal of Gynecological Pathology</i> , <b>1999</b> , 18, 332-7	3.2	20
66	Primary testicular and paratesticular lymphoma: a retrospective clinicopathologic study of 34 cases with emphasis on differential diagnosis. <i>Archives of Pathology and Laboratory Medicine</i> , <b>2007</b> , 131, 1040-8	5	19
65	The microRNA-200 family acts as an oncogene in colorectal cancer by inhibiting the tumor suppressor RASSF2. <i>Oncology Letters</i> , <b>2019</b> , 18, 3994-4007	2.6	18
64	Cytoplasmic p63 immunohistochemistry is a useful marker for muscle differentiation: an immunohistochemical and immunoelectron microscopic study. <i>Modern Pathology</i> , <b>2011</b> , 24, 1320-6	9.8	18
63	Long-term follow-up of solitary intracerebral juvenile xanthogranuloma. Case report and review of the literature. <i>Pediatric Neurosurgery</i> , <b>2008</b> , 44, 480-5	0.9	18

62	Malnutrition-induced myopathy following Roux-en-Y gastric bypass. <i>Muscle and Nerve</i> , <b>2001</b> , 24, 1692-4	3.4	18
61	Widespread cutaneous metastases from acinic cell carcinoma 20 years after primary presentation. <i>Journal of Cutaneous Pathology</i> , <b>2008</b> , 35, 591-3	1.7	16
60	Acridine Orange as a Novel Photosensitizer for Photodynamic Therapy in Glioblastoma. <i>World Neurosurgery</i> , <b>2018</b> , 114, e1310-e1315	2.1	14
59	Temporal arteritis presenting with gastrointestinal symptoms in a middle aged man. <i>Journal of General Internal Medicine</i> , <b>2006</b> , 21, C4-6	4	14
58	Availability and quality of paraffin blocks identified in pathology archives: a multi-institutional study by the Shared Pathology Informatics Network (SPIN). <i>BMC Cancer</i> , <b>2007</b> , 7, 37	4.8	13
57	Template for Reporting Results of Biomarker Testing of Specimens From Patients With Tumors of the Central Nervous System. <i>Archives of Pathology and Laboratory Medicine</i> , <b>2015</b> , 139, 1087-93	5	12
56	InVivo Microscopy in Neurosurgical Oncology. <i>World Neurosurgery</i> , <b>2018</b> , 115, 110-127	2.1	12
55	Thoracic phosphaturic mesenchymal tumors causing oncogenic osteomalacia. <i>Journal of Clinical Neuroscience</i> , <b>2013</b> , 20, 1057-61	2.2	11
54	The indusium griseum: anatomic study with potential application to callosotomy. <i>Neurosurgery</i> , <b>2013</b> , 73, 312-5; discussion 316	3.2	11
53	A 61-year-old woman with osteomalacia and a thoracic spine lesion. <i>Brain Pathology</i> , <b>2010</b> , 20, 499-502	6	11
52	Intraoperative assessment of isocitrate dehydrogenase mutation status in human gliomas using desorption electrospray ionization-mass spectrometry. <i>Journal of Neurosurgery</i> , <b>2019</b> , 132, 180-187	3.2	11
51	Histologic confirmation of neuronal cell bodies along the spinal accessory nerve. <i>British Journal of Neurosurgery</i> , <b>2014</b> , 28, 746-9	1	10
50	The pathologic spectrum of oculoleptomeningeal amyloidosis with Val30Gly transthyretin gene mutation in a postmortem case. <i>Human Pathology</i> , <b>2014</b> , 45, 1105-8	3.7	9
49	Malignant peripheral nerve sheath tumor of the abducens nerve and a review of the literature. <i>World Neurosurgery</i> , <b>2013</b> , 80, 654.e1-8	2.1	9
48	Pleomorphic xanthoastrocytoma and oligodendroglioma: collision of 2 morphologically and genetically distinct anaplastic components. <i>Journal of Neurosurgery</i> , <b>2011</b> , 114, 1648-53	3.2	9
47	Astrocytic cytoplasmic inclusions within an epileptic focus in an otherwise neurologically intact patient. <i>Human Pathology</i> , <b>2003</b> , 34, 714-6	3.7	9
46	Meningeal relationships to the spinal nerves and rootlets: a gross, histological, and radiological study with application to intradural extramedullary spinal tumors. <i>Childs Nervous System</i> , <b>2015</b> , 31, 675-81	1.7	8
45	Marginal zone B-cell lymphoma involving a longstanding fibrous meningioma: an initial manifestation of systemic disease. <i>Human Pathology</i> , <b>2013</b> , 44, 2609-13	3.7	8

44	Giant cell arteritis presenting with uveitis. <i>Ocular Immunology and Inflammation</i> , <b>2014</b> , 22, 391-3	2.8	8
43	Luminal subtypes predict improved survival following central nervous system metastasis in patients with surgically managed metastatic breast carcinoma. <i>Archives of Pathology and Laboratory Medicine</i> , <b>2014</b> , 138, 175-81	5	8
42	Anaplastic astroblastoma presenting as massive, sudden-onset, intraparenchymal hemorrhage. <i>Pediatric Neurosurgery</i> , <b>2010</b> , 46, 457-61	0.9	8
41	Glioblastoma with signet-ring morphology: a case report and review of the literature. <i>Human Pathology</i> , <b>2010</b> , 41, 443-6	3.7	8
40	Atypical teratoid/rhabdoid tumour in an adult with disseminated mediastinal germ cell tumour. <i>Neuropathology and Applied Neurobiology</i> , <b>2014</b> , 40, 789-93	5.2	7
39	Parasagittal cranial fasciitis following infratemporal fossa rhabdomyosarcoma. <i>Neuropathology</i> , <b>2014</b> , 34, 291-4	2	7
38	A 2-year-old boy with hemolytic uremic syndrome and pneumocephalus. <i>Brain Pathology</i> , <b>2012</b> , 22, 121-4		7
37	The inferior medullary velum: anatomical study and neurosurgical relevance. <i>Journal of Neurosurgery</i> , <b>2013</b> , 118, 315-8	3.2	6
36	Expression of PTEN in mycosis fungoides and correlation with loss of heterozygosity. <i>American Journal of Dermatopathology</i> , <b>2013</b> , 35, 555-60	0.9	6
35	A 41-year-old woman with von Hippel-Lindau and a cerebellar lesion. <i>Brain Pathology</i> , <b>2010</b> , 20, 511-4	6	6
34	Intraoperative Mass Spectrometry Platform for IDH Mutation Status Prediction, Glioma Diagnosis, and Estimation of Tumor Cell Infiltration. <i>Journal of Applied Laboratory Medicine</i> , <b>2021</b> , 6, 902-916	2	6
33	Do grossly identifiable ganglia lie along the spinal accessory nerve? A gross and histologic study with potential neurosurgical significance. <i>World Neurosurgery</i> , <b>2012</b> , 77, 349-51	2.1	5
32	Glioblastoma occurring at the site of a previous medulloblastoma following a 5-year remission period. <i>Neuropathology</i> , <b>2012</b> , 32, 543-50	2	5
31	Management trends for anaplastic meningioma with adjuvant radiotherapy and predictors of long-term survival. <i>Neurosurgical Focus</i> , <b>2019</b> , 46, E4	4.2	5
30	Determining IDH-Mutational Status in Gliomas Using IDH1-R132H Antibody and Polymerase Chain Reaction. <i>Applied Immunohistochemistry and Molecular Morphology</i> , <b>2019</b> , 27, 722-725	1.9	4
29	Inclusion body myositis involving the diaphragm: report of a pathologically confirmed case. <i>Neurology India</i> , <b>2014</b> , 62, 66-7	0.7	4
28	Spinal accessory nerve cavernous malformation. <i>Journal of Clinical Neuroscience</i> , <b>2010</b> , 17, 248-50	2.2	4
27	Histological analysis of the third ventricle floor in hydrocephalic and nonhydrocephalic brains: application to neuroendocrine complications following third ventriculostomy procedures. <i>Journal of Neurosurgery: Pediatrics</i> , <b>2012</b> , 9, 178-81	2.1	4

26	Metastatic pancreatic endocrine tumor presenting as thoracic spinal cord compression. <i>Spine</i> , <b>2010</b> , 35, E510-3	3.3	4
25	An elderly patient presenting with a primary spinal multifocal intradural extramedullary pilocytic astrocytoma: a case report and review of the literature. <i>BMC Cancer</i> , <b>2018</b> , 18, 806	4.8	3
24	Endoscopic endonasal transplanum transtuberculum resection of a large solid choroid plexus papilloma of the third ventricle. <i>Journal of Clinical Neuroscience</i> , <b>2014</b> , 21, 1263-6	2.2	3
23	Molecular Pathology of the Central Nervous System <b>2013</b> , 357-405		3
22	Relationship Between Regional Atherosclerosis and Adjacent Spinal Cord Histology. <i>Cureus</i> , <b>2015</b> , 7, e329	1.2	3
21	Gastroesophageal junction adenocarcinoma displays abnormalities in homologous recombination and nucleotide excision repair. <i>Lung Cancer: Targets and Therapy</i> , <b>2014</b> , 5, 11-20	2.9	2
20	AJR teaching file: facial mass in a child. <i>American Journal of Roentgenology</i> , <b>2008</b> , 191, S37-9	5.4	2
19	Germ Cell Tumors <b>2018</b> , 423-442		2
18	Nasopharyngeal tumor developing in a 36-year-old man following radiation for a childhood meningioma. <i>Brain Pathology</i> , <b>2017</b> , 27, 399-400	6	1
17	Cerebral arteriovenous malformation presenting with polycythemia vera: A case report and literature review. <i>International Journal of Surgery Case Reports</i> , <b>2013</b> , 4, 813-7	0.8	1
16	Acinic Cell Carcinoma <b>2011</b> , 97-108		1
15	Posterior column degeneration in the cervical/thoracic spinal cord in Lesch-Nyhan syndrome (LNS): a case report. <i>Neuropathology and Applied Neurobiology</i> , <b>2010</b> , 36, 680-4	5.2	1
14	Germ Cell Tumors <b>2010</b> , 333-351		1
13	Endoscopic Endonasal Surgery for the Resection of a Cavernous Hemangioma with a Sellar Extension. <i>Cureus</i> , <b>2018</b> , 10, e3663	1.2	1
12	Molecular Pathology of the Central Nervous System <b>2008</b> , 497-532		1
11	Ectopic sympathetic ganglia cells of the ventral root of the spinal cord: an anatomical study. <i>Anatomy and Cell Biology</i> , <b>2020</b> , 53, 15-20	1.4	1
10	Zika virus infects pericytes in the choroid plexus and enters the central nervous system through the blood-cerebrospinal fluid barrier		1
9	Astroblastomas exhibit radial glia stem cell lineages and differential expression of imprinted and X-inactivation escape genes.. <i>Nature Communications</i> , <b>2022</b> , 13, 2083	17.4	0

8 Nerve Tumors **2015**, 823-838

7 In Reply: The Indusium Griseum: Anatomic Study with Potential Application to Callosotomy. *Neurosurgery*, **2019**, 85, E623 3.2

6 Germ Cell Tumors. *Molecular Pathology Library*, **2015**, 153-162

5 A foramen of Monro tumor. *Neuropathology*, **2011**, 31, 658-61 2

4 AJR teaching file: Central skull base mass. *American Journal of Roentgenology*, **2010**, 195, S22-4 5.4

3 Glioblastoma with signet-ring morphology. *Human Pathology*, **2010**, 41, 1357; author reply 1357-8 3.7

2 Metastasizing breast carcinoma to the brain: a clinicopathologic and immunohistochemical study of 14 matched pairs.. *FASEB Journal*, **2008**, 22, 706.24 0.9

1 Trends in the Management Paradigms of Intracranial Meningioma. *Journal of Neurological Surgery, Part B: Skull Base*, **2021**, 82, 208-215 1.5