

M Necmettin Pamir

List of Publications by Year in descending order

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112
papers

4,472
citations

136950

32
h-index

114465

63
g-index

115
all docs

115
docs citations

115
times ranked

6176
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic Analysis of Non- <i>NF2</i> Meningiomas Reveals Mutations in <i>TRAF7</i> , <i>KLF4</i> , <i>AKT1</i> , and <i>SMO</i> . <i>Science</i> , 2013, 339, 1077-1080.	12.6	714
2	Clinical Proton MR Spectroscopy in Central Nervous System Disorders. <i>Radiology</i> , 2014, 270, 658-679.	7.3	524
3	Integrated genomic characterization of IDH1-mutant glioma malignant progression. <i>Nature Genetics</i> , 2016, 48, 59-66.	21.4	253
4	Expression of Structural Proteins and Angiogenic Factors in Cerebrovascular Anomalies. <i>Neurosurgery</i> , 2000, 46, 1179-1192.	1.1	186
5	Cervical Spondylotic Myelopathy: Surgical Results and Factors Affecting Prognosis. <i>Neurosurgery</i> , 1998, 43, 43-49.	1.1	155
6	Microanatomy of the Central Myelin-Peripheral Myelin Transition Zone of the Trigeminal Nerve. <i>Neurosurgery</i> , 2006, 59, 354-359.	1.1	132
7	Analysis of radiological features relative to histopathology in 42 skull-base chordomas and chondrosarcomas. <i>European Journal of Radiology</i> , 2006, 58, 461-470.	2.6	94
8	Somatic <i>POLE</i> mutations cause an ultramutated giant cell high-grade glioma subtype with better prognosis. <i>Neuro-Oncology</i> , 2015, 17, 1356-1364.	1.2	94
9	First intraoperative, shared-resource, ultrahigh-field 3-Tesla magnetic resonance imaging system and its application in low-grade glioma resection. <i>Journal of Neurosurgery</i> , 2010, 112, 57-69.	1.6	92
10	Vascular compression of the trigeminal nerve is a frequent finding in asymptomatic individuals: 3-T MR imaging of 200 trigeminal nerves using 3D CISS sequences. <i>Acta Neurochirurgica</i> , 2009, 151, 1081-1088.	1.7	87
11	Associations of meningioma molecular subgroup and tumor recurrence. <i>Neuro-Oncology</i> , 2021, 23, 783-794.	1.2	83
12	Correlations between genomic subgroup and clinical features in a cohort of more than 3000 meningiomas. <i>Journal of Neurosurgery</i> , 2020, 133, 1345-1354.	1.6	83
13	Cerebellar hemorrhage after spinal surgery: case report and review of the literature. <i>European Spine Journal</i> , 2006, 15, 95-99.	2.2	80
14	Inhibition of angiogenesis induced by cerebral arteriovenous malformations using Gamma Knife irradiation. <i>Journal of Neurosurgery</i> , 2007, 106, 463-469.	1.6	77
15	Expression of Structural Proteins and Angiogenic Factors in Normal Arterial and Unruptured and Ruptured Aneurysm Walls. <i>Neurosurgery</i> , 2005, 57, 997-1007.	1.1	76
16	Gamma knife radiosurgery for the treatment of glomus jugulare tumors. <i>Journal of Neuro-Oncology</i> , 2010, 97, 101-108.	2.9	64
17	Changing treatment strategy of cavernous sinus meningiomas: experience of a single institution. <i>World Neurosurgery</i> , 2005, 64, S58-S66.	1.3	62
18	Experience of a single institution treating foramen magnum meningiomas. <i>Journal of Clinical Neuroscience</i> , 2004, 11, 863-867.	1.5	57

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19	Endovascular Treatment Increases but Gamma Knife Radiosurgery Decreases Angiogenic Activity of Arteriovenous Malformations. <i>Neurosurgery</i> , 2010, 66, 121-130.	1.1	54
20	PITUITARY ADENOMAS TREATED WITH GAMMA KNIFE RADIOSURGERY. <i>Neurosurgery</i> , 2007, 61, 270-280.	1.1	50
21	Expression of Integrins in Cerebral Arteriovenous and Cavernous Malformations. <i>Neurosurgery</i> , 2006, 58, 159-168.	1.1	44
22	Tenascin in Meningioma: Expression Is Correlated with Anaplasia, Vascular Endothelial Growth Factor Expression, and Peritumoral Edema But Not with Tumor Border Shape. <i>Neurosurgery</i> , 2002, 51, 183-194.	1.1	41
23	Surgical Treatment of Intramedullary Spinal Cord Ependymomas. <i>Journal of Spinal Disorders and Techniques</i> , 2004, 17, 516-521.	1.9	39
24	Surgical treatment of trigeminal schwannomas. <i>Neurosurgical Review</i> , 2007, 30, 329-337.	2.4	39
25	Outcomes for combined anterior and posterior surgical approaches for patients with multisegmental cervical spondylotic myelopathy. <i>Journal of Clinical Neuroscience</i> , 2009, 16, 404-409.	1.5	39
26	Sporadic Spinal Hemangioblastomas Can be Effectively Treated by Microsurgery Alone. <i>World Neurosurgery</i> , 2014, 82, 836-847.	1.3	39
27	Intraoperative magnetic resonance spectroscopy for identification of residual tumor during low-grade glioma surgery. <i>Journal of Neurosurgery</i> , 2013, 118, 1191-1198.	1.6	38
28	Giant intracranial Rosai-Dorfman disease. <i>Journal of Clinical Neuroscience</i> , 2004, 11, 563-566.	1.5	37
29	Non-meningeal tumours of the cavernous sinus: A surgical analysis. <i>Journal of Clinical Neuroscience</i> , 2006, 13, 626-635.	1.5	37
30	High-resolution Whole-Genome Analysis of Skull Base Chordomas Implicates FHIT Loss in Chordoma Pathogenesis. <i>Neoplasia</i> , 2012, 14, 788-794.	5.3	37
31	Effect of surgery on tumor progression and malignant degeneration in hemispheric diffuse low-grade astrocytomas. <i>Journal of Clinical Neuroscience</i> , 2002, 9, 549-552.	1.5	35
32	Diffusion Tensor Imaging of Guillain-Mollaret Triangle in Patients with Hypertrophic Olivary Degeneration. , 2011, 21, 145-151.		34
33	Expression of Growth Factors and Structural Proteins in Chordomas: Basic Fibroblast Growth Factor, Transforming Growth Factor β , and Fibronectin Are Correlated with Recurrence. <i>Neurosurgery</i> , 2002, 51, 753-760.	1.1	33
34	Irradiation After Surgically Induced Brain Injury in the Rat: Timing in Relation to Severity of Radiation Damage. <i>Journal of Neuro-Oncology</i> , 2004, 70, 17-21.	2.9	33
35	Expressions of angiogenesis associated matrix metalloproteinases and extracellular matrix proteins in cerebral vascular malformations. <i>Journal of Clinical Neuroscience</i> , 2010, 17, 232-236.	1.5	33
36	Superficial siderosis due to papillary glioneuronal tumor. <i>Journal of Clinical Neuroscience</i> , 2006, 13, 950-952.	1.5	32

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37	Expression of growth factors and structural proteins in chordomas: basic fibroblast growth factor, transforming growth factor alpha, and fibronectin are correlated with recurrence. <i>Neurosurgery</i> , 2002, 51, 753-60; discussion 760.	1.1	32
38	Utility of transcranial Doppler ultrasonography in the diagnosis and follow-up of tuberculous meningitis-related vasculopathy. <i>Child's Nervous System</i> , 2002, 18, 142-146.	1.1	31
39	The galenic venous system: Surgical anatomy and its angiographic and magnetic resonance venographic correlations. <i>European Journal of Radiology</i> , 2005, 56, 212-219.	2.6	31
40	Pleomorphic xanthoastrocytoma associated with von Recklinghausen neurofibromatosis. <i>Child's Nervous System</i> , 1993, 9, 39-42.	1.1	29
41	Reciprocal relationship between multifidus and psoas at L4-L5 level in women with low back pain. <i>British Journal of Neurosurgery</i> , 2021, 35, 220-228.	0.8	29
42	Dysembryoplastic neuroepithelial tumor of the midbrain tectum: A case report. <i>Brain Tumor Pathology</i> , 2002, 19, 97-100.	1.7	28
43	Testing the Angiogenic Potential of Cerebrovascular Malformations by Use of a Rat Cornea Model: Usefulness and Novel Assessment of Changes over Time. <i>Neurosurgery</i> , 2005, 56, 1339-1346.	1.1	28
44	Tumor in Tumor: Metastasis of Breast Carcinoma to Intracranial Meningioma. <i>Tumori</i> , 2001, 87, 423-427.	1.1	27
45	Elderly Patients with Intracranial Meningioma: Surgical Considerations in 228 Patients with a Comprehensive Analysis of the Literature. <i>World Neurosurgery</i> , 2019, 132, e350-e365.	1.3	27
46	IDH-mutant glioma specific association of rs55705857 located at 8q24.21 involves MYC deregulation. <i>Scientific Reports</i> , 2016, 6, 27569.	3.3	26
47	Non-Syndromic Spinal Schwannomas: A Novel Classification. <i>Frontiers in Neurology</i> , 2017, 8, 318.	2.4	26
48	Proposal for a new scoring system for spinal degeneration: Mo-Fi-Disc. <i>Clinical Neurology and Neurosurgery</i> , 2020, 198, 106120.	1.4	26
49	Infratentorial lateral supracerebellar approach for trochlear nerve schwannoma. <i>Journal of Clinical Neuroscience</i> , 2002, 9, 595-598.	1.5	25
50	Suprasellar haemangioblastoma. Report of two cases and review of the literature. <i>Journal of Clinical Neuroscience</i> , 2005, 12, 85-89.	1.5	23
51	Expression of Angiogenic Factors in Craniopharyngiomas. <i>Neurosurgery</i> , 2010, 66, 744-750.	1.1	23
52	Using intraoperative dynamic contrast-enhanced T1-weighted MRI to identify residual tumor in glioblastoma surgery. <i>Journal of Neurosurgery</i> , 2014, 120, 60-66.	1.6	23
53	Longitudinal analysis of treatment-induced genomic alterations in gliomas. <i>Genome Medicine</i> , 2017, 9, 12.	8.2	20
54	Is diabetes mellitus a risk factor for modic changes?: A novel model to understand the association between intervertebral disc degeneration and end-plate changes. <i>Journal of Orthopaedic Science</i> , 2020, 25, 571-575.	1.1	20

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55	Microvascular decompression in the surgical management of trigeminal neuralgia. <i>Neurosurgical Review</i> , 1995, 18, 163-167.	2.4	19
56	Internal Carotid Plexus Schwannoma of the Cavernous Sinus: Case Report. <i>Neurosurgery</i> , 2003, 52, 435-439.	1.1	19
57	Asystole due to trigemino-cardiac reflex: A rare complication of trans-sphenoidal surgery for pituitary adenoma. <i>Journal of Clinical Neuroscience</i> , 2009, 16, 338-340.	1.5	19
58	Venous variations in the region of the third ventricle: the role of MR venography. <i>Neuroradiology</i> , 2003, 45, 900-904.	2.2	17
59	Gamma knife radiosurgery for jugular foramen schwannomas. <i>Neurosurgical Review</i> , 2012, 35, 549-553.	2.4	17
60	Asymptomatic Remote Cerebellar Hemorrhage: CT and MRI Findings. <i>Cerebellum</i> , 2012, 11, 880-886.	2.5	16
61	Meningiomas Display a Specific Immunoexpression Pattern in a Rostrocaudal Gradient: An Analysis of 366 Patients. <i>World Neurosurgery</i> , 2019, 123, e520-e535.	1.3	16
62	Lumbar intervertebral disc degeneration, end-plates and paraspinal muscle changes in children and adolescents with low-back pain. <i>Journal of Pediatric Orthopaedics Part B</i> , 2022, 31, 93-102.	0.6	15
63	Expression of Growth Factors and Structural Proteins in Chordomas: Basic Fibroblast Growth Factor, Transforming Growth Factor β , and Fibronectin Are Correlated with Recurrence. <i>Neurosurgery</i> , 2002, 51, 753-760.	1.1	14
64	The effects of inflammatory response associated with traumatic spinal cord injury in cutaneous wound healing and on expression of transforming growth factor-beta1 (TGF- β 1) and platelet-derived growth factor (PDGF)-A at the wound site in rats. <i>Growth Factors</i> , 2008, 26, 74-79.	1.7	14
65	3-T ultrahigh-field intraoperative MRI for low-grade glioma resection. <i>Expert Review of Anticancer Therapy</i> , 2009, 9, 1537-1539.	2.4	14
66	3 T ioMRI: The Istanbul Experience. <i>Acta Neurochirurgica Supplementum</i> , 2011, 109, 131-137.	1.0	14
67	Small petrosal approach to the middle portion of the mediobasal temporal region: technical case report. <i>World Neurosurgery</i> , 2004, 61, 60-67.	1.3	13
68	Association between facet joint orientation/tropism and lumbar intervertebral disc degeneration. <i>British Journal of Neurosurgery</i> , 2020, , 1-8.	0.8	12
69	Whole exome sequencing-based analysis to identify DNA damage repair deficiency as a major contributor to gliomagenesis in adult diffuse gliomas. <i>Journal of Neurosurgery</i> , 2020, 132, 1435-1446.	1.6	12
70	Effect of allopurinol in focal cerebral ischemia in rats: an experimental study. <i>World Neurosurgery</i> , 2005, 64, S5-S10.	1.3	11
71	Totally thrombosed giant P2 aneurysm: a case report and review of literature. <i>Journal of Clinical Neuroscience</i> , 2003, 10, 115-120.	1.5	10
72	Primary osteogenic sarcoma of the falx cerebri: a case report. <i>European Journal of Radiology</i> , 1992, 15, 193-195.	2.6	9

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73	Brucellar spondylitis mimicking lumbar disc herniation. Case report. Spinal Cord, 1995, 33, 167-169.	1.9	8
74	<i>MEOX2</i> homeobox gene promotes growth of malignant gliomas. Neuro-Oncology, 2022, 24, 1911-1924.	1.2	8
75	Gliosarcoma Associated with Neurofibromatosis Type I: A Case Report. Tumori, 2001, 87, 60-63.	1.1	7
76	Trigeminal neuralgia in a patient with mitochondrial neurogastrointestinal encephalomyopathy (MNGIE). Journal of Clinical Neuroscience, 2005, 12, 172-174.	1.5	7
77	Temporal Expression of Angiogenesis-Related Genes in Developing Neonatal Rodent Retina. Neurosurgery, 2010, 66, 538-543.	1.1	7
78	Identification of the primary motor cortex: value of T2 echo-planar imaging, diffusion-weighted imaging and quantitative apparent diffusion coefficient measurement at 3T. European Radiology, 2010, 20, 931-940.	4.5	7
79	Serial EEG and MRI changes in status epilepticus-induced excitotoxic neuronal necrosis. Epileptic Disorders, 2011, 13, 446-451.	1.3	7
80	Ventricular Meningiomas: Surgical Strategies and a New Finding That Suggest an Origin From the Choroid Plexus Epithelium. World Neurosurgery, 2019, 129, e177-e190.	1.3	7
81	Intradiscal vacuum phenomenon and spinal degeneration: a cross-sectional analysis of 219 subjects. Current Medical Research and Opinion, 2022, 38, 255-263.	1.9	7
82	When the bullet moves! Surgical caveats from a migrant intraspinal bullet. Neurologia I Neurochirurgia Polska, 2016, 50, 387-391.	1.2	5
83	Intraoperative motor speech mapping under general anesthesia using long-latency response from laryngeal muscles. Clinical Neurology and Neurosurgery, 2020, 190, 105672.	1.4	5
84	Intracranial multifocal plasma cell granuloma: a case with multiple operations without recurrence of surgically removed lesions. Acta Neurochirurgica, 2016, 158, 721-723.	1.7	4
85	Mutations and Copy Number Alterations in IDH Wild-Type Glioblastomas Are Shaped by Different Oncogenic Mechanisms. Biomedicines, 2020, 8, 574.	3.2	4
86	Current decision-making in meningiomas. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2020, 169, 229-252.	1.8	4
87	Could gas-filled pseudocyst mimick extruded disc herniation?. Journal of Clinical Neuroscience, 2021, 93, 147-154.	1.5	4
88	Fetal pituitary transplants into the hypothalamic area of hypophysectomized rats. World Neurosurgery, 1988, 30, 342-349.	1.3	3
89	Foramen Magnum Meningiomas. , 2010, , 543-557.		3
90	Ottoman Surgical Treatises and Their Influences on Modern Neurosurgery in Turkey. World Neurosurgery, 2013, 80, e165-e169.	1.3	3

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91	Quantification of fibrin degradation products in glioma and meningioma patients. <i>Cancer Biomarkers</i> , 2014, 14, 253-258.	1.7	3
92	Ischemic Involvement of the Primary Motor Cortex is a Prognostic Factor in Acute Stroke. <i>International Journal of Stroke</i> , 2015, 10, 1277-1283.	5.9	3
93	Clinoidal meningiomas. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2020, 170, 25-35.	1.8	3
94	Frequency and Role of CDKN2A Deletion in High-Risk Pituitary Neuroendocrine Tumors. <i>Endocrine Pathology</i> , 2020, 31, 166-173.	9.0	3
95	Correlation of anatomical involvement patterns of insular gliomas with subnetworks of the limbic system. <i>Journal of Neurosurgery</i> , 2022, 136, 323-334.	1.6	3
96	Neurosurgical follow-up and treatment of a series of 26 WHO grade III meningiomas. <i>Journal of Clinical Neuroscience</i> , 2021, 91, 219-225.	1.5	3
97	Treatment and follow-up results of WHO grade II meningiomas. <i>Journal of Clinical Neuroscience</i> , 2021, 91, 354-364.	1.5	3
98	Cervical spondylotic myelopathy associated with syringomyelia: A case report. <i>Orthopedie Traumatologie</i> , 2000, 10, 203-205.	0.1	1
99	Microanatomy of the Central Myelin-peripheral Myelin Transition Zone of the Trigeminal Nerve. <i>Neurosurgery</i> , 2007, 60, E582-E582.	1.1	1
100	Anterior Clinoidal Meningiomas. , 2010, , 395-405.		1
101	Decision Making in Meningiomas. , 2010, , 275-289.		1
102	Management of Superior Sagittal Sinus Invasion in Parasagittal Meningiomas. , 2010, , 365-371.		1
103	High angiogenic potential in an in vivo rat corneal model is associated with shorter disease-free survival in low-grade oligodendrogliomas. <i>Journal of Clinical Neuroscience</i> , 2011, 18, 109-113.	1.5	1
104	The Impact of German-Speaking Academicians on Higher Education in Turkey. <i>World Neurosurgery</i> , 2013, 79, 25-31.	1.3	1
105	Robotic Surgical Approach to the Mesial Temporal Region: A Preliminary Three-Dimensional Cadaveric Study of Technical Feasibility. <i>World Neurosurgery</i> , 2020, 144, e40-e52.	1.3	1
106	A rare case of multiple sclerosis and cerebral hemorrhage associated with osteopetrosis. <i>Diagnostic and Interventional Radiology</i> , 2008, 16, 16-9.	1.5	1
107	Cavernous Sinus Meningiomas. , 2010, , 453-468.		0
108	Presigmoid Keyhole Approach for Petroclival Meningiomas. , 2010, , 511-517.		0

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109	Turkey loses one of the pioneers of microneurosurgery and a great scientific leader. Acta Neurochirurgica, 2019, 161, 1055-1056.	1.7	0
110	Sequential filtering for clinically relevant variants as a method for clinical interpretation of whole exome sequencing findings in glioma. BMC Medical Genomics, 2021, 14, 54.	1.5	0
111	Challenges and Opportunities in Future Meningioma Research and Care. , 2010, , 759-762.		0
112	Microsurgical and White Matter Anatomy of the Hypothalamus: A Fiber Dissection Study Correlating With Magnetic Resonance Tractography.. Operative Neurosurgery, 2021, 21, E309-E320.	0.8	0