

Andreas BÃ¼ttner, Dr

List of Publications by Year in descending order

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Version: 2024-02-01

144
papers

5,732
citations

109321

35
h-index

85541

71
g-index

193
all docs

193
docs citations

193
times ranked

7184
citing authors

#	ARTICLE	IF	CITATIONS
1	Automation in arthrosis research. <i>SLAS Technology</i> , 2022, 27, 97-99.	1.9	1
2	Biomechanical comparisons of three minimally invasive Achilles tendon percutaneous repair suture techniques. <i>Clinical Biomechanics</i> , 2022, 92, 105578.	1.2	2
3	Experimental measurements of micromotions of the cementless intervertebral disc prostheses in the cadaver bone. <i>Clinical Biomechanics</i> , 2022, 92, 105589.	1.2	0
4	Correlation between Kir4.1 expression and barium-sensitive currents in rat and human glioma cell lines. <i>Neuroscience Letters</i> , 2021, 741, 135481.	2.1	5
5	Influence of different fixation methods on the fracture force of osteoporotic human lumbar vertebral bodies in the generation of vertebral compression fractures. <i>Technology and Health Care</i> , 2021, 29, 589-594.	1.2	2
6	Neuropathology of Drug Abuse. , 2021, , .		1
7	Semi-Automated Determination of Heavy Metals in Autopsy Tissue Using Robot-Assisted Sample Preparation and ICP-MS. <i>Molecules</i> , 2021, 26, 3820.	3.8	7
8	Quantitative evidence of suppressed TMEM119 microglial immunohistochemistry in fatal morphine intoxications. <i>International Journal of Legal Medicine</i> , 2021, 135, 2315-2322.	2.2	8
9	Insights in ChAdOx1 nCoV-19 vaccine-induced immune thrombotic thrombocytopenia. <i>Blood</i> , 2021, 138, 2256-2268.	1.4	228
10	Primary stability of the Activ L ^Å ® intervertebral disc prosthesis in cadaver bone and comparison of the keel and spike anchoring concept. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 934.	1.9	1
11	Neurobiological Basis of Drug Abuse. , 2021, , 5-11.		0
12	Neuroimaging Studies in Drug Abusers. , 2021, , 13-21.		0
13	Basic Substance Characteristics and Neuropathological Findings in Drug Abusers. , 2021, , 23-87.		0
14	Neuropathological Findings in Drug Abusers. , 2021, , 89-103.		0
15	Neurotoxicity and Neurodegeneration of Drug Abuse. , 2021, , 105-112.		0
16	Summary and Implications for Research. , 2021, , 113-113.		0
17	Individual programming of current multiprogrammable pacemakers. <i>Herz</i> , 2020, 45, 572-579.	1.1	0
18	Deactivation of cardiovascular implantable electronic devices in patients nearing end of life. <i>Herz</i> , 2020, 45, 123-129.	1.1	0

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19	Lesions and characteristic injury patterns caused by high-voltage fault arcs. International Journal of Legal Medicine, 2020, 134, 1353-1359.	2.2	2
20	Effect of sodium hypochlorite decontamination on the DNA recovery from human teeth. International Journal of Legal Medicine, 2020, 134, 93-99.	2.2	4
21	Rupture of intracranial aneurysms in patients with blunt head trauma: Review of the literature. Clinical Neurology and Neurosurgery, 2020, 199, 106208.	1.4	5
22	The adulterated XANAX pill: a fatal intoxication with etizolam and caffeine. International Journal of Legal Medicine, 2020, 134, 1727-1731.	2.2	14
23	Acute Disseminated Encephalomyelitis with Seizures and Myocarditis: A Fatal Triad. Medicina (Lithuania), 2020, 56, 277.	2.0	4
24	Domestic Violence Against Men – Prevalence and Risk Factors. Deutsches Ärzteblatt International, 2020, 117, 534-541.	0.9	31
25	<i>In Vitro</i> Analysis of the Differentiation Capacity of Postmortally Isolated Human Chondrocytes Influenced by Different Growth Factors and Oxygen Levels. Cartilage, 2019, 10, 111-119.	2.7	6
26	Fracture generation in human vertebrae under compression loading: The influence of pedicle preservation and bone mineral density on in vitro fracture behavior. Technology and Health Care, 2018, 26, 155-163.	1.2	2
27	Unusual head injury by a forklift vehicle. Journal of Clinical Forensic and Legal Medicine, 2018, 56, 9-11.	1.0	1
28	Secondary sclerosing cholangitis in critically ill patients after a traffic accident – a new entity that should be considered in death classification. International Journal of Legal Medicine, 2018, 132, 1729-1732.	2.2	1
29	3. Pathologie und rechtsmedizinische Aspekte. , 2018, , 23-50.		0
30	Alcohol-related diseases. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 145, 175-180.	1.8	3
31	Nutritional and systemic metabolic disorders. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 145, 167-173.	1.8	3
32	Neurotoxicology and drug-related disorders. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 145, 181-192.	1.8	9
33	Evaluation of Circulating Exosomes to Predict Emerging Valve Prosthesis-patient Mismatches after Surgical Aortic Valve Replacement. Thoracic and Cardiovascular Surgeon, 2018, 66, S1-S110.	1.0	1
34	FVNF und die Suiziddiskussion: hochakademisch oder hochrelevant?. Zeitschrift für Palliativmedizin, 2018, 19, .	0.3	1
35	Gene expression analysis of growth factor receptors in human chondrocytes in monolayer and 3D pellet cultures. International Journal of Molecular Medicine, 2017, 40, 10-20.	4.0	9
36	The neuropathology of drug abuse. Current Opinion in Behavioral Sciences, 2017, 13, 8-12.	3.9	12

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37	Brain Injury due to Mechanical Trauma and Ischemic-Hypoxic Insult: Biomarkers of Brain Injury and Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-2.	4.0	4
38	Effect of electromagnetic fields on human osteoarthritic and non-osteoarthritic chondrocytes. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 402.	3.7	5
39	Delineation of Subregions in the Early Postnatal Human Cerebellum for Design-Based Stereologic Studies. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 134.	1.7	2
40	Supplement to Forensic Analysis. <i>Deutsches Ärzteblatt International</i> , 2017, 114, 562-563.	0.9	0
41	Neuropathological Studies in Polydrug Abusers. , 2016, , 884-889.		2
42	Postmortem investigation of 88-cm-long dreadlocks for drugs of abuse: an unusual case report in the northeast of Germany. <i>Forensic Toxicology</i> , 2016, 34, 419-424.	2.4	1
43	An autopsy approach to bolus deaths. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2016, 42, 82-87.	1.0	12
44	Death within 44 days of 2,4-dinitrophenol intake. <i>International Journal of Legal Medicine</i> , 2016, 130, 1237-1241.	2.2	17
45	TDP-43 pathology and cognition in ALS. <i>Neurology</i> , 2016, 87, 1019-1023.	1.1	45
46	Make-up and love bites: two reports about exceptional cases of self-inflicted "injuries". <i>Forensic Science, Medicine, and Pathology</i> , 2016, 12, 502-505.	1.4	0
47	Histologic spectrum of the cardiac conducting tissue in non-natural deaths under 30 years of age: an analysis of 43 cases with special implications for sudden cardiac death. <i>International Journal of Legal Medicine</i> , 2016, 130, 173-178.	2.2	5
48	Distinction between forensic evidence and dermatological findings. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2015, 33, 1-4.	1.0	8
49	Alterations of neuronal precursor cells in stages of human adult neurogenesis in heroin addicts. <i>Drug and Alcohol Dependence</i> , 2015, 156, 139-149.	3.2	35
50	The molecular composition of the extracellular matrix of the human iliolumbar ligament. <i>Spine Journal</i> , 2015, 15, 1325-1331.	1.3	3
51	Encephalopathy and death in infants with abusive head trauma is due to hypoxic-ischemic injury following local brain trauma to vital brainstem centers. <i>International Journal of Legal Medicine</i> , 2015, 129, 105-114.	2.2	36
52	Neuropathology of Chronic Alcohol Abuse. <i>Academic Forensic Pathology</i> , 2014, 4, 180-187.	0.3	3
53	The Neuropathology of Drug Abuse. , 2014, , 169-202.		4
54	No Changes in Cerebellar Microvessel Length Density in Sudden Infant Death Syndrome. <i>Journal of Neuropathology and Experimental Neurology</i> , 2014, 73, 312-323.	1.7	4

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55	Fibromuscular dysplasia of cardiac conduction system arteries in traumatic and nonnatural sudden death victims aged 0 to 40 years: a histological analysis of 100 cases. <i>Cardiovascular Pathology</i> , 2014, 23, 12-16.	1.6	18
56	Changes in length of the plantar aponeurosis during the stance phase of gait – An in vivo dynamic fluoroscopic study. <i>Annals of Anatomy</i> , 2014, 196, 471-478.	1.9	21
57	Cerebellar granule cells are generated postnatally in humans. <i>Brain Structure and Function</i> , 2014, 219, 1271-1286.	2.3	23
58	Usefulness of SNPs as Supplementary Markers in a Paternity Case with 3 Genetic Incompatibilities at Autosomal and Y Chromosomal Loci. <i>Transfusion Medicine and Hemotherapy</i> , 2014, 41, 117-121.	1.6	11
59	The neurobiology of suicide - A Review of post-mortem studies. <i>Journal of Molecular Psychiatry</i> , 2013, 1, 2.	2.0	41
60	Quantitative analysis of astrogliosis in drug-dependent humans. <i>Brain Research</i> , 2013, 1500, 72-87.	2.2	23
61	Elevated oleic acid serum concentrations in patients suffering from alcohol dependence. <i>Journal of Molecular Psychiatry</i> , 2013, 1, 13.	2.0	16
62	Biomechanical comparison of menisci from different species and artificial constructs. <i>BMC Musculoskeletal Disorders</i> , 2013, 14, 324.	1.9	51
63	Contemporary paternal genetic landscape of Polish and German populations: from early medieval Slavic expansion to post-World War II resettlements. <i>European Journal of Human Genetics</i> , 2013, 21, 415-422.	2.8	41
64	Intact Numbers of Cerebellar Purkinje and Granule Cells in Sudden Infant Death Syndrome. <i>Journal of Neuropathology and Experimental Neurology</i> , 2013, 72, 861-870.	1.7	10
65	Neuropathological Alterations in Cocaine Abuse. <i>Current Medicinal Chemistry</i> , 2012, 19, 5597-5600.	2.4	19
66	Impact of the COMT Val108/158Met polymorphism on the mu-opioid receptor system in the human brain: Mu-opioid receptor, met-enkephalin and beta-endorphin expression. <i>Neuroscience Letters</i> , 2012, 506, 214-219.	2.1	21
67	Neuropathological Alterations in Illicit Drug Abuse. <i>Academic Forensic Pathology</i> , 2012, 2, 235-241.	0.3	1
68	Distinction between forensic evidence and post-mortem changes of the skin. <i>Forensic Science, Medicine, and Pathology</i> , 2012, 8, 330-333.	1.4	10
69	Disaster victim identification – experiences of the “Autobahn A19”-disaster. <i>Forensic Science, Medicine, and Pathology</i> , 2012, 8, 118-124.	1.4	11
70	Heat distribution of polymerisation temperature of bone cement on the spinal canal during vertebroplasty. <i>International Orthopaedics</i> , 2012, 36, 1025-1030.	1.9	15
71	DNA Methylation Analysis of the Angiotensin Converting Enzyme (ACE) Gene in Major Depression. <i>PLoS ONE</i> , 2012, 7, e40479.	2.5	68
72	Acute Demyelination in a Person with Amphetamine Abuse. <i>Case Reports in Pathology</i> , 2011, 2011, 1-4.	0.3	2

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73	Review: The neuropathology of drug abuse. <i>Neuropathology and Applied Neurobiology</i> , 2011, 37, 118-134.	3.2	146
74	Postmortem proteomic analysis in human amygdala of drug addicts: possible impact of tubulin on drug-abusing behavior. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2011, 261, 121-131.	3.2	13
75	Scaffold-free 3D cellulose acetate membrane-based cultures form large cartilaginous constructs. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2011, 5, 151-155.	2.7	15
76	Leigh's Disease: The Acute Clinical Course of a Two-Year-Old Child with Subacute Necrotizing Encephalomyelopathy. <i>Case Reports in Medicine</i> , 2010, 2010, 1-3.	0.7	3
77	Alternative Splicing and Extensive RNA Editing of Human TPH2 Transcripts. <i>PLoS ONE</i> , 2010, 5, e8956.	2.5	61
78	Side Effects of Anabolic Androgenic Steroids: Pathological Findings and Structure-Activity Relationships. <i>Handbook of Experimental Pharmacology</i> , 2009, , 459-484.	1.8	41
79	Predominant expression of tryptophan hydroxylase 1 mRNA in the pituitary: A postmortem study in human brain. <i>Neuroscience</i> , 2009, 159, 1274-1282.	2.3	36
80	Central Nervous System Alterations in Alcohol Abuse. <i>Forensic Pathology Reviews</i> , 2009, , 69-89.	0.1	8
81	Comparative proteomic analysis with human post mortem brain tissues of drug addicts versus controls: possible impact of beta-tubulin on drug abusing behaviour. <i>Pharmacopsychiatry</i> , 2009, 42, .	3.3	0
82	The structure of the coracoacromial ligament: fibrocartilage differentiation does not necessarily mean pathology. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2008, 18, 16-22.	2.9	13
83	Titin expression in human articular cartilage and cultured chondrocytes : A novel component in articular cartilage biomechanical sensing?. <i>Biomedicine and Pharmacotherapy</i> , 2008, 62, 339-347.	5.6	3
84	Morphometric Studies of the Ligamentum Flavum: A Correlative Microanatomical and MRI Study of the Lumbar Spine. <i>Zentralblatt Fur Neurochirurgie</i> , 2007, 68, 200-204.	0.5	17
85	Origin assignment of unidentified corpses by use of stable isotope ratios of light (bio-) and heavy (geo-) elements- A case report. <i>Forensic Science International</i> , 2007, 168, 215-218.	2.2	69
86	Analysis of tryptophan hydroxylase I and II mRNA expression in the human brain: A post-mortem study. <i>Journal of Psychiatric Research</i> , 2007, 41, 168-173.	3.1	157
87	Comparative proteomic analysis with postmortem prefrontal cortex tissues of suicide victims versus controls. <i>Journal of Psychiatric Research</i> , 2007, 41, 493-501.	3.1	31
88	Differential mRNA expression of the tryptophan hydroxylases 1 and 2 in the human brain: A post mortem study. <i>Pharmacopsychiatry</i> , 2007, 40, .	3.3	0
89	S.28.04 TPH expression in human brain and its importance for psychiatric disorders. <i>European Neuropsychopharmacology</i> , 2006, 16, S204.	0.7	0
90	Unexplained cases of sudden infant death shortly after hexavalent vaccination. <i>Vaccine</i> , 2006, 24, 5779-5780.	3.8	28

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91	Widespread axonal damage in the brain of drug abusers as evidenced by accumulation of β^2 -amyloid precursor protein (β^2 -APP): an immunohistochemical investigation. <i>Addiction</i> , 2006, 101, 1339-1346.	3.3	47
92	Genetics of suicide. <i>Molecular Psychiatry</i> , 2006, 11, 336-351.	7.9	285
93	A possible impact of the neuroD2 transcription factor on the development of drug abusing behavior. <i>Molecular Psychiatry</i> , 2006, 11, 525-527.	7.9	2
94	Neuropathological Alterations in Drug Abusers: The Involvement of Neurons, Glial, and Vascular Systems. <i>Forensic Science, Medicine, and Pathology</i> , 2006, 2, 115-126.	1.4	49
95	Death due to neurogenic shock following gastric rupture in an anorexia nervosa patient. <i>Forensic Science International</i> , 2005, 155, 7-12.	2.2	31
96	HIV-1 Infection of the Central Nervous System. , 2005, , 81-134.		3
97	COMT Val108/158Met genotype affects the mu-opioid receptor system in the human brain: Evidence from ligand-binding, G-protein activation and preproenkephalin mRNA expression. <i>NeuroImage</i> , 2005, 28, 185-193.	4.2	63
98	Alterations of the vascular basal lamina in the cerebral cortex in drug abuse: a combined morphometric and immunohistochemical investigation. <i>Drug and Alcohol Dependence</i> , 2005, 79, 63-70.	3.2	20
99	Molecular composition and pathology of entheses on the medial and lateral epicondyles of the humerus: a structural basis for epicondylitis. <i>Annals of the Rheumatic Diseases</i> , 2004, 63, 1015-1021.	0.9	64
100	Adipose tissue at entheses: the rheumatological implications of its distribution. A potential site of pain and stress dissipation?. <i>Annals of the Rheumatic Diseases</i> , 2004, 63, 1549-1555.	0.9	61
101	5HT _{2C} receptor polymorphism in suicide victims. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2004, 254, 224-7.	3.2	29
102	Serotonin 1B (5HT-1B) receptor polymorphism (G861C) in suicide victims: Association studies in German and Slavic population. , 2004, 127B, 48-50.		43
103	Simulating irradiation power density on body surface in postmortem cooling. <i>Legal Medicine</i> , 2004, 6, 131-140.	1.3	3
104	Single nucleotide polymorphism and haplotype analysis of a novel tryptophan hydroxylase Isoform (TPH2) gene in suicide victims. <i>Biological Psychiatry</i> , 2004, 56, 581-586.	1.3	193
105	Regional mRNA expression of a second tryptophan hydroxylase isoform in postmortem tissue samples of two human brains. <i>European Neuropsychopharmacology</i> , 2004, 14, 282-284.	0.7	90
106	Central Nervous System Alterations in Drug Abuse. <i>Forensic Pathology Reviews</i> , 2004, , 79-136.	0.1	11
107	The neuropathology of cocaine abuse. <i>Legal Medicine</i> , 2003, 5, S240-S242.	1.3	44
108	[3h]-nociceptin ligand-binding and nociceptin opioid receptor mrna expression in the human brain. <i>Neuroscience</i> , 2003, 121, 629-640.	2.3	61

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109	Regional mRNA expression of a second tryptophan hydroxylase isoform in the human brain. <i>Pharmacopsychiatry</i> , 2003, 36, .	3.3	1
110	Three-dimensional reconstructions of the Achilles tendon insertion in man. <i>Journal of Anatomy</i> , 2002, 200, 145-152.	1.5	108
111	Supravital energy production in early post-mortem phase – Estimate based on heat loss due to radiation and natural convection. <i>Legal Medicine</i> , 2002, 4, 71-78.	1.3	11
112	Modelling postmortem surface cooling in continuously changing environmental temperature. <i>Legal Medicine</i> , 2002, 4, 164-173.	1.3	15
113	An Immunohistochemical Study of the Dorsal Capsule of the Lumbar and Thoracic Facet Joints. <i>Spine</i> , 2001, 26, E338-E343.	2.0	26
114	Resistance of the Lumbar Spine Against Axial Compression Forces after Implantation of Three Different Posterior Lumbar Interbody Cages. <i>Acta Neurochirurgica</i> , 2001, 143, 1217-1222.	1.7	26
115	Fibrocartilage in the transverse ligament of the human acetabulum. <i>Journal of Anatomy</i> , 2001, 198, 223-228.	1.5	21
116	Fibrocartilage at the entheses of the suprascapular (superior transverse scapular) ligament of man-a ligament spanning two regions of a single bone. <i>Journal of Anatomy</i> , 2001, 199, 539-545.	1.5	32
117	Progressive idiopathic bilateral striato-pallido-dentate calcinosis (Fahr's disease) in a person with anabolic steroid abuse. <i>Legal Medicine</i> , 2001, 3, 114-118.	1.3	6
118	The diagnostic relevance of cerebral amyloid angiopathy in the setting of forensic pathology – a report of two cases and review of the literature. <i>Legal Medicine</i> , 2001, 3, 141-148.	1.3	13
119	Primary meningeal sarcomas in two children. <i>Journal of Neuro-Oncology</i> , 2001, 52, 181-188.	2.9	23
120	Sex determination and estimation of stature from the long bones of the arm. <i>Forensic Science International</i> , 2001, 117, 23-30.	2.2	176
121	The neuropathology of heroin abuse. <i>Forensic Science International</i> , 2000, 113, 435-442.	2.2	156
122	Determination of time-dependent skin temperature decrease rates in the case of abrupt changes of environmental temperature. <i>Forensic Science International</i> , 2000, 113, 219-226.	2.2	8
123	Histologically Repeatedly Confirmed Gliosarcoma with Long Survival: Review of the Literature and Report of a Case. <i>Acta Neurochirurgica</i> , 2000, 142, 91-95.	1.7	25
124	Rare occurrence of intracerebellar colloid cyst. <i>Journal of Neurosurgery</i> , 1999, 91, 128-131.	1.6	28
125	Unexpected death in persons with symptomatic epilepsy due to glial brain tumors: a report of two cases and review of the literature. <i>Forensic Science International</i> , 1999, 100, 127-136.	2.2	26
126	Sudden natural death –at the wheel–™: a retrospective study over a 15-year time period (1982–1996). <i>Forensic Science International</i> , 1999, 103, 101-112.	2.2	38

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127	Non-lymphomatous brain tumors in HIV-1 infection: a review. , 1999, 41, 81-88.		5
128	Energy loss due to radiation in postmortem cooling. International Journal of Legal Medicine, 1999, 112, 233-240.	2.2	14
129	Lipoma of the adrenal gland. Pathology International, 1999, 49, 1007-1009.	1.3	13
130	Spinal epidural cavernous hemangiomas. Journal of Neurosurgery, 1998, 88, 903-908.	1.6	72
131	Dural cysts in the cervical region. Journal of Neurosurgery, 1998, 89, 310-313.	1.6	10
132	Ganglioglioma of the Spinal Cord: Report of Two Rare Cases and Review of the Literature. Neurosurgery, 1997, 41, 1410-1415.	1.1	77
133	The Cross-sectional Area of the Cervical Spinal Canal in Patients With Cervical Spondylotic Myelopathy. Spine, 1997, 22, 1990-1994.	2.0	56
134	Localization of the motor hand area to a knob on the precentral gyrus. A new landmark. Brain, 1997, 120, 141-157.	7.6	1,614
135	Endodermal Cyst of the Third Ventricle: Case Report. Neurosurgery, 1997, 40, 832-835.	1.1	42
136	Primary Intracranial Metatypical Basal Cell Carcinoma: Case Report. Neurosurgery, 1997, 41, 279-282.	1.1	4
137	Ganglioglioma: A clinicopathological study of 10 cases. Neuropathology, 1997, 17, 94-100.	1.2	4
138	Vasculitis with predominantly leptomenigeal involvement in an AIDS patient. Neuropathology, 1997, 17, 238-242.	1.2	1
139	Colloid cysts of the third ventricle with fatal outcome: a report of two cases and review of the literature. International Journal of Legal Medicine, 1997, 110, 260-266.	2.2	119
140	The Transcallosal Interforniceal Approach to the Third Ventricle: Anatomic and Microsurgical Aspects. Neurosurgery, 1997, 40, 973-982.	1.1	36
141	Kaposi's sarcoma in the cerebellum of a patient with AIDS. , 1997, 16, 185-9.		3
142	Vascular changes in the cerebral cortex in HIV-1 infection. Acta Neuropathologica, 1996, 92, 35-41.	7.7	38
143	CMV-infected subependymoma in the fourth ventricle of an HIV-1 infected patient. Journal of NeuroVirology, 1996, 2, 191-194.	2.1	1
144	Modern concepts in the diagnosis of myocarditis. European Heart Journal, 1987, 8, 35-38.	2.2	2