Andreas Büttner, Dr

List of Publications by Year in descending order

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144 papers 5,732 citations

35 h-index 71 g-index

193 all docs

193 docs citations

times ranked

193

7184 citing authors

#	Article	IF	CITATIONS
1	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
2	Genetics of suicide. Molecular Psychiatry, 2006, 11, 336-351.	7.9	285
3	Insights in ChAdOx1 nCoV-19 vaccine-induced immune thrombotic thrombocytopenia. Blood, 2021, 138, 2256-2268.	1.4	228
4	Single nucleotide polymorphism and haplotype analysis of a novel tryptophan hydroxylase Isoform (TPH2) gene in suicide victims. Biological Psychiatry, 2004, 56, 581-586.	1.3	193
5	Sex determination and estimation of stature from the long bones of the arm. Forensic Science International, 2001, 117, 23-30.	2.2	176
6	Analysis of tryptophan hydroxylase I and II mRNA expression in the human brain: A post-mortem study. Journal of Psychiatric Research, 2007, 41, 168-173.	3.1	157
7	The neuropathology of heroin abuse. Forensic Science International, 2000, 113, 435-442.	2.2	156
8	Review: The neuropathology of drug abuse. Neuropathology and Applied Neurobiology, 2011, 37, 118-134.	3.2	146
9	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
10	Three-dimensional reconstructions of the Achilles tendon insertion in man. Journal of Anatomy, 2002, 200, 145-152.	1.5	108
11	Regional mRNA expression of a second tryptophan hydroxylase isoform in postmortem tissue samples of two human brains. European Neuropsychopharmacology, 2004, 14, 282-284.	0.7	90
12	Ganglioglioma of the Spinal Cord: Report of Two Rare Cases and Review of the Literature. Neurosurgery, 1997, 41, 1410-1415.	1.1	77
13	Spinal epidural cavernous hemangiomas. Journal of Neurosurgery, 1998, 88, 903-908.	1.6	72
14	Origin assignment of unidentified corpses by use of stable isotope ratios of light (bio-) and heavy (geo-) elements—A case report. Forensic Science International, 2007, 168, 215-218.	2.2	69
15	DNA Methylation Analysis of the Angiotensin Converting Enzyme (ACE) Gene in Major Depression. PLoS ONE, 2012, 7, e40479.	2.5	68
16	Molecular composition and pathology of entheses on the medial and lateral epicondyles of the humerus: a structural basis for epicondylitis. Annals of the Rheumatic Diseases, 2004, 63, 1015-1021.	0.9	64
17	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. NeuroImage, 2005, 28, 185-193.	4.2	63
18	[3h]-nociceptin ligand-binding and nociceptin opioid receptor mrna expression in the human brain. Neuroscience, 2003, 121, 629-640.	2.3	61

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19	Adipose tissue at entheses: the rheumatological implications of its distribution. A potential site of pain and stress dissipation?. Annals of the Rheumatic Diseases, 2004, 63, 1549-1555.	0.9	61
20	Alternative Splicing and Extensive RNA Editing of Human TPH2 Transcripts. PLoS ONE, 2010, 5, e8956.	2.5	61
21	The Cross-sectional Area of the Cervical Spinal Canal in Patients With Cervical Spondylotic Myelopathy. Spine, 1997, 22, 1990-1994.	2.0	56
22	Biomechanical comparison of menisci from different species and artificial constructs. BMC Musculoskeletal Disorders, 2013, 14, 324.	1.9	51
23	Neuropathological Alterations in Drug Abusers: The Involvement of Neurons, Glial, and Vascular Systems. Forensic Science, Medicine, and Pathology, 2006, 2, 115-126.	1.4	49
24	Widespread axonal damage in the brain of drug abusers as evidenced by accumulation of \hat{l}^2 -amyloid precursor protein (\hat{l}^2 -APP): an immunohistochemical investigation. Addiction, 2006, 101, 1339-1346.	3.3	47
25	TDP-43 pathology and cognition in ALS. Neurology, 2016, 87, 1019-1023.	1.1	45
26	The neuropathology of cocaine abuse. Legal Medicine, 2003, 5, S240-S242.	1.3	44
27	Serotonin 1B (5HT-1B) receptor polymorphism (G861C) in suicide victims: Association studies in German and Slavic population., 2004, 127B, 48-50.		43
28	Endodermal Cyst of the Third Ventricle: Case Report. Neurosurgery, 1997, 40, 832-835.	1.1	42
29	Side Effects of Anabolic Androgenic Steroids: Pathological Findings and Structure–Activity Relationships. Handbook of Experimental Pharmacology, 2009, , 459-484.	1.8	41
30	The neurobiology of suicide - A Review of post-mortem studies. Journal of Molecular Psychiatry, 2013, 1, 2.	2.0	41
31	Contemporary paternal genetic landscape of Polish and German populations: from early medieval Slavic expansion to post-World War II resettlements. European Journal of Human Genetics, 2013, 21, 415-422.	2.8	41
32	Vascular changes in the cerebral cortex in HIV-1 infection. Acta Neuropathologica, 1996, 92, 35-41.	7.7	38
33	Sudden natural death †at the wheel': a retrospective study over a 15-year time period (1982–1996). Forensic Science International, 1999, 103, 101-112.	2.2	38
34	Predominant expression of tryptophan hydroxylase 1 mRNA in the pituitary: A postmortem study in human brain. Neuroscience, 2009, 159, 1274-1282.	2.3	36
35	Encephalopathy and death in infants with abusive head trauma is due to hypoxic-ischemic injury following local brain trauma to vital brainstem centers. International Journal of Legal Medicine, 2015, 129, 105-114.	2.2	36
36	The Transcallosal Interforniceal Approach to the Third Ventricle: Anatomic and Microsurgical Aspects. Neurosurgery, 1997, 40, 973-982.	1.1	36

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37	Alterations of neuronal precursor cells in stages of human adult neurogenesis in heroin addicts. Drug and Alcohol Dependence, 2015, 156, 139-149.	3.2	35
38	Fibrocartilage at the entheses of the suprascapular (superior transverse scapular) ligament of man-a ligament spanning two regions of a single bone. Journal of Anatomy, 2001, 199, 539-545.	1.5	32
39	Death due to neurogenic shock following gastric rupture in an anorexia nervosa patient. Forensic Science International, 2005, 155, 7-12.	2.2	31
40	Comparative proteomic analysis with postmortem prefrontal cortex tissues of suicide victims versus controls. Journal of Psychiatric Research, 2007, 41, 493-501.	3.1	31
41	Domestic Violence Against Men— Prevalence and Risk Factors. Deutsches Ärzteblatt International, 2020, 117, 534-541.	0.9	31
42	5HT?2C receptor polymorphism in suicide victims. European Archives of Psychiatry and Clinical Neuroscience, 2004, 254, 224-7.	3.2	29
43	Rare occurrence of intracerebellar colloid cyst. Journal of Neurosurgery, 1999, 91, 128-131.	1.6	28
44	Unexplained cases of sudden infant death shortly after hexavalent vaccination. Vaccine, 2006, 24, 5779-5780.	3.8	28
45	Unexpected death in persons with symptomatic epilepsy due to glial brain tumors: a report of two cases and review of the literature. Forensic Science International, 1999, 100, 127-136.	2.2	26
46	An Immunohistochemical Study of the Dorsal Capsule of the Lumbar and Thoracic Facet Joints. Spine, 2001, 26, E338-E343.	2.0	26
47	Resistance of the Lumbar Spine Against Axial Compression Forces after Implantation of Three Different Posterior Lumbar Interbody Cages. Acta Neurochirurgica, 2001, 143, 1217-1222.	1.7	26
48	Histologically Repeatedly Confirmed Gliosarcoma with Long Survival: Review of the Literature and Report of a Case. Acta Neurochirurgica, 2000, 142, 91-95.	1.7	25
49	Primary meningeal sarcomas in two children. Journal of Neuro-Oncology, 2001, 52, 181-188.	2.9	23
50	Quantitative analysis of astrogliosis in drug-dependent humans. Brain Research, 2013, 1500, 72-87.	2.2	23
51	Cerebellar granule cells are generated postnatally in humans. Brain Structure and Function, 2014, 219, 1271-1286.	2.3	23
52	Fibrocartilage in the transverse ligament of the human acetabulum. Journal of Anatomy, 2001, 198, 223-228.	1.5	21
53	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. Neuroscience Letters, 2012, 506, 214-219.	2.1	21
54	Changes in length of the plantar aponeurosis during the stance phase of gait – An in vivo dynamic fluoroscopic study. Annals of Anatomy, 2014, 196, 471-478.	1.9	21

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55	Alterations of the vascular basal lamina in the cerebral cortex in drug abuse: a combined morphometric and immunohistochemical investigation. Drug and Alcohol Dependence, 2005, 79, 63-70.	3.2	20
56	Neuropathological Alterations in Cocaine Abuse. Current Medicinal Chemistry, 2012, 19, 5597-5600.	2.4	19
57	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. Cardiovascular Pathology, 2014, 23, 12-16.	1.6	18
58	Morphometric Studies of the Ligamentum Flavum: A Correlative Microanatomical and MRI Study of the Lumbar Spine. Zentralblatt Fur Neurochirurgie, 2007, 68, 200-204.	0.5	17
59	Death within 44Âdays of 2,4-dinitrophenol intake. International Journal of Legal Medicine, 2016, 130, 1237-1241.	2.2	17
60	Elevated oleic acid serum concentrations in patients suffering from alcohol dependence. Journal of Molecular Psychiatry, 2013, 1, 13.	2.0	16
61	Modelling postmortem surface cooling in continuously changing environmental temperature. Legal Medicine, 2002, 4, 164-173.	1.3	15
62	Scaffold-free 3D cellulose acetate membrane-based cultures form large cartilaginous constructs. Journal of Tissue Engineering and Regenerative Medicine, 2011, 5, 151-155.	2.7	15
63	Heat distribution of polymerisation temperature of bone cement on the spinal canal during vertebroplasty. International Orthopaedics, 2012, 36, 1025-1030.	1.9	15
64	Energy loss due to radiation in postmortem cooling. International Journal of Legal Medicine, 1999, 112, 233-240.	2.2	14
65	The adulterated XANAX pill: a fatal intoxication with etizolam and caffeine. International Journal of Legal Medicine, 2020, 134, 1727-1731.	2.2	14
66	Lipoma of the adrenal gland. Pathology International, 1999, 49, 1007-1009.	1.3	13
67	The diagnostic relevance of cerebral amyloid angiopathy in the setting of forensic pathology – a report of two cases and review of the literature. Legal Medicine, 2001, 3, 141-148.	1.3	13
68	The structure of the coracoacromial ligament: fibrocartilage differentiation does not necessarily mean pathology. Scandinavian Journal of Medicine and Science in Sports, 2008, 18, 16-22.	2.9	13
69	Postmortem proteomic analysis in human amygdala of drug addicts: possible impact of tubulin on drug-abusing behavior. European Archives of Psychiatry and Clinical Neuroscience, 2011, 261, 121-131.	3.2	13
70	An autopsy approach to bolus deaths. Journal of Clinical Forensic and Legal Medicine, 2016, 42, 82-87.	1.0	12
71	The neuropathology of drug abuse. Current Opinion in Behavioral Sciences, 2017, 13, 8-12.	3.9	12
72	Supravital energy production in early post-mortem phase – Estimate based on heat loss due to radiation and natural convection. Legal Medicine, 2002, 4, 71-78.	1.3	11

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73	Disaster victim identificationâ€"experiences of the "Autobahn A19―disaster. Forensic Science, Medicine, and Pathology, 2012, 8, 118-124.	1.4	11
74	Usefulness of SNPs as Supplementary Markers in a Paternity Case with 3 Genetic Incompatibilities at Autosomal and Y Chromosomal Loci. Transfusion Medicine and Hemotherapy, 2014, 41, 117-121.	1.6	11
75	Central Nervous System Alterations in Drug Abuse. Forensic Pathology Reviews, 2004, , 79-136.	0.1	11
76	Dural cysts in the cervical region. Journal of Neurosurgery, 1998, 89, 310-313.	1.6	10
77	Distinction between forensic evidence and post-mortem changes of the skin. Forensic Science, Medicine, and Pathology, 2012, 8, 330-333.	1.4	10
78	Intact Numbers of Cerebellar Purkinje and Granule Cells in Sudden Infant Death Syndrome. Journal of Neuropathology and Experimental Neurology, 2013, 72, 861-870.	1.7	10
79	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
80	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
81	Determination of time-dependent skin temperature decrease rates in the case of abrupt changes of environmental temperature. Forensic Science International, 2000, 113, 219-226.	2.2	8
82	Distinction between forensic evidence and dermatological findings. Journal of Clinical Forensic and Legal Medicine, 2015, 33, 1-4.	1.0	8
83	Quantitative evidence of suppressed TMEM119 microglial immunohistochemistry in fatal morphine intoxications. International Journal of Legal Medicine, 2021, 135, 2315-2322.	2,2	8
84	Central Nervous System Alterations in Alcohol Abuse. Forensic Pathology Reviews, 2009, , 69-89.	0.1	8
85	Semi-Automated Determination of Heavy Metals in Autopsy Tissue Using Robot-Assisted Sample Preparation and ICP-MS. Molecules, 2021, 26, 3820.	3.8	7
86	Progressive idiopathic bilateral striato-pallido-dentate calcinosis (Fahr's disease) in a person with anabolic steroid abuse. Legal Medicine, 2001, 3, 114-118.	1.3	6
87	<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
88	Non-lymphomatous brain tumors in HIV-1 infection: a review. , 1999, 41, 81-88.		5
89	Histologic spectrum of the cardiac conducting tissue in non-natural deaths under 30Âyears of age: an analysis of 43 cases with special implications for sudden cardiac death. International Journal of Legal Medicine, 2016, 130, 173-178.	2.2	5
90	Effect of electromagnetic fields on human osteoarthritic and non-osteoarthritic chondrocytes. BMC Complementary and Alternative Medicine, 2017, 17, 402.	3.7	5

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91	Rupture of intracranial aneurysms in patients with blunt head trauma: Review of the literature. Clinical Neurology and Neurosurgery, 2020, 199, 106208.	1.4	5
92	Correlation between Kir4.1 expression and barium-sensitive currents in rat and human glioma cell lines. Neuroscience Letters, 2021, 741, 135481.	2.1	5
93	Primary Intracranial Metatypical Basal Cell Carcinoma: Case Report. Neurosurgery, 1997, 41, 279-282.	1.1	4
94	Ganglioglioma: A clinicopathological study of 10 cases. Neuropathology, 1997, 17, 94-100.	1.2	4
95	The Neuropathology of Drug Abuse. , 2014, , 169-202.		4
96	No Changes in Cerebellar Microvessel Length Density in Sudden Infant Death Syndrome. Journal of Neuropathology and Experimental Neurology, 2014, 73, 312-323.	1.7	4
97	Brain Injury due to Mechanical Trauma and Ischemic-Hypoxic Insult: Biomarkers of Brain Injury and Oxidative Stress. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-2.	4.0	4
98	Effect of sodium hypochlorite decontamination on the DNA recovery from human teeth. International Journal of Legal Medicine, 2020, 134, 93-99.	2.2	4
99	Acute Disseminated Encephalomyelitis with Seizures and Myocarditis: A Fatal Triad. Medicina (Lithuania), 2020, 56, 277.	2.0	4
100	Simulating irradiation power density on body surface in postmortem cooling. Legal Medicine, 2004, 6, 131-140.	1.3	3
101	HIV-1 Infection of the Central Nervous System. , 2005, , 81-134.		3
102	Titin expression in human articular cartilage and cultured chondrocytes: A novel component in articular cartilage biomechanical sensing?. Biomedicine and Pharmacotherapy, 2008, 62, 339-347.	5.6	3
103	Leigh's Disease: The Acute Clinical Course of a Two-Year-Old Child with Subacute Necrotizing Encephalomyelopathy. Case Reports in Medicine, 2010, 2010, 1-3.	0.7	3
104	Neuropathology of Chronic Alcohol Abuse. Academic Forensic Pathology, 2014, 4, 180-187.	0.3	3
105	The molecular composition of the extracellular matrix of the human iliolumbar ligament. Spine Journal, 2015, 15, 1325-1331.	1.3	3
106	Alcohol-related diseases. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 145, 175-180.	1.8	3
107	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
108	Kaposi's sarcoma in the cerebellum of a patient with AIDS., 1997, 16, 185-9.		3

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109	Modern concepts in the diagnosis of myocarditis. European Heart Journal, 1987, 8, 35-38.	2.2	2
110	A possible impact of the neuroD2 transcription factor on the development of drug abusing behavior. Molecular Psychiatry, 2006, 11, 525-527.	7.9	2
111	Acute Demyelination in a Person with Amphetamine Abuse. Case Reports in Pathology, 2011, 2011, 1-4.	0.3	2
112	Neuropathological Studies in Polydrug Abusers. , 2016, , 884-889.		2
113	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
114	Delineation of Subregions in the Early Postnatal Human Cerebellum for Design-Based Stereologic Studies. Frontiers in Neuroanatomy, 2017, 11, 134.	1.7	2
115	Lesions and characteristic injury patterns caused by high-voltage fault arcs. International Journal of Legal Medicine, 2020, 134, 1353-1359.	2.2	2
116	Influence of different fixation methods on the fracture force of osteoporotic human lumbar vertebral bodies in the generation of vertebral compression fractures. Technology and Health Care, 2021, 29, 589-594.	1.2	2
117	Biomechanical comparisons of three minimally invasive Achilles tendon percutaneous repair suture techniques. Clinical Biomechanics, 2022, 92, 105578.	1.2	2
118	CMV-infected subependymoma in the fourth ventricle of an HIV-1 infected patient. Journal of NeuroVirology, 1996, 2, 191-194.	2.1	1
119	Vasculitis with predominantly leptomeningeal involvement in an AIDS patient. Neuropathology, 1997, 17, 238-242.	1.2	1
120	Neuropathological Alterations in Illicit Drug Abuse. Academic Forensic Pathology, 2012, 2, 235-241.	0.3	1
121	Postmortem investigation of 88-cm-long dreadlocks for drugs of abuse: an unusual case report in the northeast of Germany. Forensic Toxicology, 2016, 34, 419-424.	2.4	1
122	Unusual head injury by a forklift vehicle. Journal of Clinical Forensic and Legal Medicine, 2018, 56, 9-11.	1.0	1
123	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
124	Neuropathology of Drug Abuse. , 2021, , .		1
125	Regional mRNA expression of a second tryptophan hydroxylase isoform in the human brain. Pharmacopsychiatry, 2003, 36, .	3.3	1
126	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

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127	FVNF und die Suiziddiskussion: hochakademisch oder hochrelevant?. Zeitschrift FÃ $^1\!\!/\!4$ r Palliativmedizin, 2018, 19, .	0.3	1
128	Primary stability of the Activ L® intervertebral disc prosthesis in cadaver bone and comparison of the keel and spike anchoring concept. BMC Musculoskeletal Disorders, 2021, 22, 934.	1.9	1
129	Automation in arthrosis research. SLAS Technology, 2022, 27, 97-99.	1.9	1
130	S.28.04 TPH expression in human brain and its importance for psychiatric disorders. European Neuropsychopharmacology, 2006, 16, S204.	0.7	0
131	Make-up and love bites: two reports about exceptional cases of self-inflicted "injuries― Forensic Science, Medicine, and Pathology, 2016, 12, 502-505.	1.4	0
132	3 .Pathologie und rechtsmedizinische Aspekte. , 2018, , 23-50.		0
133	Individual programming of current multiprogrammable pacemakers. Herz, 2020, 45, 572-579.	1.1	0
134	Deactivation of cardiovascular implantable electronic devices in patients nearing end of life. Herz, 2020, 45, 123-129.	1.1	0
135	Differential mRNA expression of the tryptophan hydroxylases 1 and 2 in the human brain: A post mortem study. Pharmacopsychiatry, 2007, 40, .	3.3	0
136	Comparative proteomic analysis with human post mortem brain tissues of drug addicts versus controls: possible impact of beta-tubulin on drug abusing behaviour. Pharmacopsychiatry, 2009, 42, .	3.3	0
137	Supplement to Forensic Analysis. Deutsches Ärzteblatt International, 2017, 114, 562-563.	0.9	0
138	Neurobiological Basis of Drug Abuse. , 2021, , 5-11.		0
139	Neuroimaging Studies in Drug Abusers. , 2021, , 13-21.		0
140	Basic Substance Characteristics and Neuropathological Findings in Drug Abusers., 2021,, 23-87.		0
141	Neuropathological Findings in Drug Abusers. , 2021, , 89-103.		0
142	Neurotoxicity and Neurodegeneration of Drug Abuse. , 2021, , 105-112.		0
143	Summary and Implications for Research. , 2021, , 113-113.		0
144	Experimental measurements of micromotions of the cementless intervertebral disc prostheses in the cadaver bone. Clinical Biomechanics, 2022, 92, 105589.	1,2	0