Martin Holtkamp

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8262256/publications.pdf

Version: 2024-02-01

112 papers	3,702 citations	147801 31 h-index	155660 55 g-index
129 all docs	129 docs citations	129 times ranked	4139 citing authors

#	Article	IF	Citations
1	In vitro and in vivo antiâ€epileptic efficacy of eslicarbazepine acetate in a mouse model of KCNQ2â€related selfâ€limited epilepsy. British Journal of Pharmacology, 2022, 179, 84-102.	5.4	6
2	Acute symptomatic seizures in the emergency room: predictors and characteristics. Journal of Neurology, 2022, 269, 2707-2714.	3.6	4
3	Genetic generalized epilepsies in adults â€" challenging assumptions and dogmas. Nature Reviews Neurology, 2022, 18, 71-83.	10.1	17
4	Epilepsien aus dem Frontallappen und der InselÂâ€“ von der Anatomie, Semiologie und Diagnostik zu speziellen neurochirurgischen Fragestellungen und darÃ¼ber hinausÂâ€¦. Zeitschrift Fur Epileptologie, 2022, 35, 6.	0.7	0
5	Utility of 18Fâ€fluorodeoxyglucose positron emission tomography in presurgical evaluation of patients with epilepsy: A multicenter study. Epilepsia, 2022, 63, 1238-1252.	5.1	18
6	Attitudes toward epilepsy assessed by the SAPE questionnaire in Germany â€" Comparison of its psychometric properties and results in a web-based vs. face-to-face survey. Epilepsy and Behavior, 2022, 130, 108665.	1.7	8
7	Early beta oscillations in multisensory association areas underlie crossmodal performance enhancement. NeuroImage, 2022, 257, 119307.	4.2	1
8	Surgery in intractable epilepsyâ€"physicians' recommendations and patients' decisions. Acta Neurologica Scandinavica, 2021, 143, 421-429.	2.1	6
9	Poststroke epilepsy incidence, risk factors and treatment: German claims analysis. Acta Neurologica Scandinavica, 2021, 143, 614-623.	2.1	6
10	Deep Brain Stimulation for Refractory Focal Epilepsy: Unraveling the Insertional Effect up to Five Months Without Stimulation. Neuromodulation, 2021, 24, 373-379.	0.8	6
11	Long-term seizure outcome and antiseizure medication use in autoimmune encephalitis. Seizure: the Journal of the British Epilepsy Association, 2021, 86, 138-143.	2.0	23
12	Spatiotemporal Correlation of Epileptiform Activity and Gene Expression in vitro. Frontiers in Molecular Neuroscience, 2021, 14, 643763.	2.9	4
13	Associations of individual and structural socioeconomic status with cognition and mental distress in pharmacoresistant focal epilepsy. Epilepsy and Behavior, 2021, 116, 107726.	1.7	6
14	Prognostic value of â€˜lateâ€™ electroencephalography recordings in patients with cardiopulmonal resuscitation after cardiac arrest. Journal of Neurology, 2021, 268, 4248-4257.	3.6	1
15	Valproic acid use in fertile women with genetic generalized epilepsies. Acta Neurologica Scandinavica, 2021, 144, 288-295.	2.1	4
16	Etiologyâ€specific response to antiseizure medication in focal epilepsy. Epilepsia, 2021, 62, 2133-2141.	5.1	12
17	Predictors of seizure freedom, response and retention after 12 months of treatment with eslicarbazepine acetate: A post-hoc analysis of the Euro-Esli study. Epilepsy Research, 2021, 174, 106653.	1.6	2
18	Pathology-selective antiepileptic effects in the focal freeze-lesion rat model of malformation of cortical development. Experimental Neurology, 2021, 343, 113776.	4.1	4

#	Article	IF	Citations
19	Quantitative and Qualitative EEG as a Prediction Tool for Outcome and Complications in Acute Stroke Patients. Clinical EEG and Neuroscience, 2020, 51, 121-129.	1.7	31
20	Predictive value of acute EEG measurements for seizures and epilepsy after stroke using a dry cap electrode EEG system â€" Study design and proof of concept. Epilepsy and Behavior, 2020, 104, 106486.	1.7	7
21	Dendritic action potentials and computation in human layer 2/3 cortical neurons. Science, 2020, 367, 83-87.	12.6	331
22	Initiating a new national epilepsy surgery program: Experiences gathered in Georgia. Epilepsy and Behavior, 2020, 111, 107259.	1.7	2
23	Prediction of seizure freedom after epilepsy surgery â€" Critical reappraisal of significance of intracranial EEG parameters. Clinical Neurophysiology, 2020, 131, 2682-2690.	1.5	4
24	Medication-Resistant Epilepsy in Adults. , 2020, , 158-170.		1
25	Early volumetric changes of hippocampus and medial prefrontal cortex following medial temporal lobe resection. European Journal of Neuroscience, 2020, 52, 4375-4384.	2.6	3
26	Preparation of Acute Human Hippocampal Slices for Electrophysiological Recordings. Journal of Visualized Experiments, 2020, , .	0.3	2
27	How to diagnose and treat postâ€stroke seizures and epilepsy. Epileptic Disorders, 2020, 22, 252-263.	1.3	43
28	Routine diagnostics for neural antibodies, clinical correlates, treatment and functional outcome. Journal of Neurology, 2020, 267, 2101-2114.	3.6	40
29	Position paper of a German interdisciplinary round table on future designs of trials on adjunctive treatment with antiseizure drugs. Seizure: the Journal of the British Epilepsy Association, 2020, 78, 53-56.	2.0	2
30	Indikationen zur pharmakologischen Therapie. , 2020, , 423-429.		0
31	Genetische generalisierte Epilepsien. , 2020, , 99-113.		0
32	Dimethylethanolamine Decreases Epileptiform Activity in Acute Human Hippocampal Slices in vitro. Frontiers in Molecular Neuroscience, 2019, 12, 209.	2.9	3
33	Craniotomy Size for Subdural Grid Electrode Placement in Invasive Epilepsy Diagnostics. Stereotactic and Functional Neurosurgery, 2019, 97, 160-168.	1.5	3
34	The 4-Aminopyridine Model of Acute Seizures in vitro Elucidates Efficacy of New Antiepileptic Drugs. Frontiers in Neuroscience, 2019, 13, 677.	2.8	31
35	Discontinuing antiepileptic drugs in long-standing idiopathic generalised epilepsy. Journal of Neurology, 2019, 266, 2554-2559.	3.6	14
36	Referral to evaluation for epilepsy surgery: Reluctance by epileptologists and patients. Epilepsia, 2019, 60, 211-219.	5.1	59

#	Article	IF	Citations
37	Effects of an epilepsyâ€specific Internet intervention (Emyna) on depression: Results of the ENCODE randomized controlled trial. Epilepsia, 2019, 60, 656-668.	5.1	33
38	Dynorphinâ€based â€œrelease on demandâ€•gene therapy for drugâ€resistant temporal lobe epilepsy. EMBO Molecular Medicine, 2019, 11, e9963.	6.9	29
39	Eslicarbazepine acetate as monotherapy in clinical practice: Outcomes from Euro-Esli. Acta Neurologica Scandinavica, 2019, 139, 49-63.	2.1	7
40	How safe is switching antiepileptic drug manufacturers?. Nature Reviews Neurology, 2019, 15, 8-9.	10.1	2
41	The anticonvulsant lamotrigine enhances Ih in layer 2/3 neocortical pyramidal neurons of patients with pharmacoresistant epilepsy. Neuropharmacology, 2019, 144, 58-69.	4.1	13
42	Absence epilepsy beyond adolescence: an outcome analysis after 45 years of follow-up. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 603-610.	1.9	12
43	The relationship between structural MRI, FDG-PET, and memory in temporal lobe epilepsy: Preliminary results. Epilepsy and Behavior, 2018, 80, 61-67.	1.7	6
44	Pharmacotherapy for Refractory and Super-Refractory Status Epilepticus in Adults. Drugs, 2018, 78, 307-326.	10.9	55
45	Female verbal memory advantage in temporal, but not frontal lobe epilepsy. Epilepsy Research, 2018, 139, 129-134.	1.6	5
46	Characteristics and healthcare situation of adult patients with tuberous sclerosis complex in German epilepsy centers. Epilepsy and Behavior, 2018, 82, 64-67.	1.7	15
47	Translational view: Ablative methods in in vivo epilepsy models. Epilepsy Research, 2018, 142, 176-178.	1.6	1
48	Acute antiepileptic drug use in intensive care units. Journal of Neurology, 2018, 265, 2841-2850.	3.6	7
49	Alcohol Use and Alcohol-Related Seizures in Patients With Epilepsy. Frontiers in Neurology, 2018, 9, 401.	2.4	20
50	Are mental distress and cognitive impairment related in temporal lobe epilepsy?. Epilepsy Research, 2018, 146, 126-131.	1.6	10
51	Generic antiepileptic drugsâ€”Safe or harmful in patients with epilepsy?. Epilepsia, 2018, 59, 1273-1281.	5.1	29
52	Dentate gyrus autonomous ictal activity in the status epilepticus rat model of epilepsy. Brain Research, 2017, 1658, 1-10.	2.2	14
53	European Stroke Organisation guidelines for the management of post-stroke seizures and epilepsy. European Stroke Journal, 2017, 2, 103-115.	5.5	133
54	Longâ€term outcome in adolescentâ€onset generalized genetic epilepsies. Epilepsia, 2017, 58, 1244-1250.	5.1	47

#	Article	IF	Citations
55	Patience can be a virtue with deep brain stimulation of the anterior thalami: another case report. Epileptic Disorders, 2017, 19, 114-115.	1.3	1
56	Sex differences in verbal and nonverbal learning before and after temporal lobe epilepsy surgery. Epilepsy and Behavior, 2017, 66, 57-63.	1.7	9
57	Euro-Esli: a European audit of real-world use of eslicarbazepine acetate as a treatment for partial-onset seizures. Journal of Neurology, 2017, 264, 2232-2248.	3.6	29
58	Protocol for the ENCODE trial: evaluating a novel online depression intervention for persons with epilepsy. BMC Psychiatry, 2017, 17, 55.	2.6	7
59	â€œAutoimmune Epilepsyâ€• Encephalitis with Autoantibodies for Epileptologists. Epilepsy Currents, 2017, 17, 134-141.	0.8	64
60	Should Barbiturates be Used in Refractory Status Epilepticus?. Journal of Clinical Neurophysiology, 2016, 33, 22-24.	1.7	3
61	Is there a creative functional paradoxical facilitation in juvenile myoclonic epilepsy?. Epilepsy and Behavior, 2016, 62, 285-290.	1.7	2
62	Thalamic interictal epileptiform discharges in deep brainÂstimulated epilepsy patients. Journal of Neurology, 2016, 263, 2120-2126.	3.6	20
63	Adenosine A₁ receptorâ€“mediated suppression of carbamazepineâ€resistant seizureâ€like events in human neocortical slices. Epilepsia, 2016, 57, 746-756.	5.1	30
64	Visuo-spatial memory deficits following medial temporal lobe damage: A comparison of three patient groups. Neuropsychologia, 2016, 81, 168-179.	1.6	15
65	Intracranial pressure and cerebral perfusion pressure in patients developing brain death. Journal of Critical Care, 2016, 34, 1-6.	2.2	19
66	Realâ€world data on eslicarbazepine acetate as addâ€on to antiepileptic monotherapy. Acta Neurologica Scandinavica, 2016, 134, 76-82.	2.1	28
67	Status Epilepticus Diagnosis, Management and Outcome. Journal of Clinical Neurophysiology, 2016, 33, 1-2.	1.7	3
68	Specific adverse effects of antiepileptic drugs â€” A true-to-life monotherapy study. Epilepsy and Behavior, 2016, 54, 150-157.	1.7	60
69	Electrically Induced Limbic Seizures: Preliminary Findings in a Rodent Model. Journal of Experimental Neuroscience, 2015, 9, JEN.S23759.	2.3	3
70	Drug Resistance in Cortical and Hippocampal Slices from Resected Tissue of Epilepsy Patients: No Significant Impact of P-Glycoprotein and Multidrug Resistance-Associated Proteins. Frontiers in Neurology, 2015, 6, 30.	2.4	55
71	Practical guidance and considerations for transitioning patients from oxcarbazepine or carbamazepine to eslicarbazepine acetate â€” Expert opinion. Epilepsy and Behavior, 2015, 50, 46-49.	1.7	22
72	Gender differences in social support in persons with epilepsy. Epilepsy and Behavior, 2015, 46, 205-208.	1.7	18

#	Article	IF	Citations
73	Nucleus accumbens stimulation in partial epilepsyâ€"A randomized controlled case series. Epilepsia, 2015, 56, e78-82.	5.1	46
74	Gender differences in depression, but not in anxiety in people with epilepsy. Seizure: the Journal of the British Epilepsy Association, 2015, 32, 37-42.	2.0	53
75	EEG in Refractory Status Epilepticus. , 2015, , 41-53.		0
76	Optimising Epilepsy Therapy â€" Searching for the Evidence â€" Looking Beyond the Data. European Neurological Review, 2015, 10, 164.	0.5	0
77	Longâ€term outcome in epilepsy with grand mal on awakening: Forty years of followâ€up. Annals of Neurology, 2014, 75, 298-302.	5.3	34
78	Toothbrushing-induced seizures at onset of cryptogenic partial epilepsy: a case report. Journal of Neurology, 2014, 261, 432-434.	3.6	9
79	Psychosocial longâ€term outcome in juvenile myoclonic epilepsy. Epilepsia, 2014, 55, 1732-1738.	5.1	28
80	Safety and feasibility of nucleus accumbens stimulation in five patients with epilepsy. Journal of Neurology, 2014, 261, 1477-1484.	3.6	22
81	Cannabis and other illicit drug use in epilepsy patients. European Journal of Neurology, 2014, 21, 167-170.	3.3	46
82	Hypothermia did not prevent epilepsy following experimental status epilepticus. Brain Research, 2014, 1572, 50-58.	2.2	1
83	Interictal and periictal headache in patients with epilepsy. European Journal of Neurology, 2013, 20, 1360-1366.	3.3	39
84	Prognosis of juvenile myoclonic epilepsy 45 years after onset. Neurology, 2013, 81, 2128-2133.	1.1	106
85	Recommendations on the use of EEG monitoring in critically ill patients: consensus statement from the neurointensive care section of the ESICM. Intensive Care Medicine, 2013, 39, 1337-1351.	8.2	352
86	Incidence and predictors of post-stroke epilepsy. Acta Neurologica Scandinavica, 2013, 127, 427-430.	2.1	92
87	Intracranial EEG in predicting surgical outcome in frontal lobe epilepsy. Epilepsia, 2012, 53, 1739-1745.	5.1	71
88	Circadian dentate gyrus excitability in a rat model of temporal lobe epilepsy. Experimental Neurology, 2012, 234, 105-111.	4.1	22
89	Deep hypothermia terminates status epilepticus â€" an experimental study. Brain Research, 2012, 1446, 119-126.	2.2	37
90	Treatment strategies for refractory status epilepticus. Current Opinion in Critical Care, 2011, 17, 94-100.	3.2	35

#	Article	IF	Citations
91	Selection bias in analysis of status epilepticus in the intensive care unit. Critical Care Medicine, 2011, 39, 927-928.	0.9	1
92	Status epilepticus induces increasing neuronal excitability and hypersynchrony as revealed by optical imaging. Neurobiology of Disease, 2011, 43, 220-227.	4.4	25
93	Nonconvulsive status epilepticus: a diagnostic and therapeutic challenge in the intensive care setting. Therapeutic Advances in Neurological Disorders, 2011, 4, 169-181.	3.5	70
94	Ketamine successfully terminates malignant status epilepticus. Epilepsy Research, 2008, 82, 219-222.	1.6	97
95	Functional and morphological changes in the dentate gyrus after experimental status epilepticus. Seizure: the Journal of the British Epilepsy Association, 2008, 17, 76-83.	2.0	13
96	The anaesthetic and intensive care of status epilepticus. Current Opinion in Neurology, 2007, 20, 188-193.	3.6	50
97	Temperature regulation is compromised in experimental limbic status epilepticus. Brain Research, 2007, 1127, 76-79.	2.2	11
98	Non-convulsive status epilepticus in adults: clinical forms and treatment. Lancet Neurology, The, 2007, 6, 329-339.	10.2	289
99	Anticonvulsant, antiepileptogenic, and antiictogenic pharmacostrategies. Cellular and Molecular Life Sciences, 2007, 64, 2023-2041.	5.4	31
100	Gabapentinâ€“induced severe myoclonus in a patient with impaired renal function. Journal of Neurology, 2006, 253, 382-383.	3.6	23
101	Diagnosis of psychogenic nonepileptic status epilepticus in the emergency setting. Neurology, 2006, 66, 1727-1729.	1.1	98
102	Erectile Dysfunction with Topiramate. Epilepsia, 2005, 46, 166-167.	5.1	78
103	Limbic Self-sustaining Status Epilepticus in Rats Is Not Associated with Hyperthermia. Epilepsia, 2005, 46, 188-192.	5.1	16
104	Functional, cognitive and emotional longâ€“term outcome of patients with ischemic stroke requiring mechanical ventilation. Journal of Neurology, 2005, 252, 648-654.	3.6	34
105	A â€œMalignantâ€•Variant of Status Epilepticus. Archives of Neurology, 2005, 62, 1428.	4.5	124
106	Transient loss of inhibition precedes spontaneous seizures after experimental status epilepticus. Neurobiology of Disease, 2005, 19, 162-170.	4.4	23
107	Recurrent seizures do not cause hippocampal damage. Journal of Neurology, 2004, 251, 458-463.	3.6	31
108	Cerebral toxoplasmosis in a patient with common variable immunodeficiency. Neurology, 2004, 63, 2192-2193.	1.1	14

#	Article	IF	Citations
109	Furosemide Terminates Limbic Status Epilepticus in Freely Moving Rats. Epilepsia, 2003, 44, 1141-1144.	5.1	19
110	Optical imaging reveals reduced seizure spread and propagation velocities in aged rat brain in vitro. Neurobiology of Aging, 2003, 24, 345-353.	3.1	20
111	Chronic inflammatory demyelinating polyradiculoneuropathy with histologically proven optic neuritis. Acta Neuropathologica, 2001, 101, 529-531.	7.7	19
112	Propofol in subanesthetic doses terminates status epilepticus in a rodent model. Annals of Neurology, 2001, 49, 260-263.	5.3	42