# Kristl Vonck

## List of Publications by Year in descending order



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|---|---|---|---|
| 144 papers | 5,672 citations | 70961 41 h-index | 98622 67 g-index |
| 146 all docs | 146 docs citations | 146 times ranked | 5163 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Deep Brain Stimulation in Patients with Refractory Temporal Lobe Epilepsy. Epilepsia, 2007, 48, 1551-1560. | 2.6 | 393 |
| 2 | Long-term amygdalohippocampal stimulation for refractory temporal lobe epilepsy. Annals of Neurology, 2002, 52, 556-565. | 2.8 | 339 |
| 3 | Functional brain connectivity from EEG in epilepsy: Seizure prediction and epileptogenic focus localization. Progress in Neurobiology, 2014, 121, 19-35. | 2.8 | 257 |
| 4 | Increased hippocampal noradrenaline is a biomarker for efficacy of vagus nerve stimulation in a limbic seizure model. Journal of Neurochemistry, 2011, 117, 461-469. | 2.1 | 208 |
| 5 | Diagnostic methods and treatment options for focal cortical dysplasia. Epilepsia, 2015, 56, 1669-1686. | 2.6 | 167 |
| 6 | A prospective, multicenter study of cardiac-based seizure detection to activate vagus nerve stimulation. Seizure: the Journal of the British Epilepsy Association, 2015, 32, 52-61. | 0.9 | 161 |
| 7 | International Consensus Based Review and Recommendations for Minimum Reporting Standards in Research on Transcutaneous Vagus Nerve Stimulation (Version 2020). Frontiers in Human Neuroscience, 2020, 14, 568051. | 1.0 | 143 |
| 8 | Vagus nerve stimulationâ€¦25 years later! What do we know about the effects on cognition?. Neuroscience and Biobehavioral Reviews, 2014, 45, 63-71. | 2.9 | 139 |
| 9 | Electrical Stimulation for the Treatment of Epilepsy. Neurotherapeutics, 2009, 6, 218-227. | 2.1 | 126 |
| 10 | Vagus nerve stimulation for refractory epilepsy: A Belgian multicenter study. European Journal of Paediatric Neurology, 2007, 11, 261-269. | 0.7 | 118 |
| 11 | Vagus Nerve Stimulation for Refractory Epilepsy: A Transatlantic Experience. Journal of Clinical Neurophysiology, 2004, 21, 283-289. | 0.9 | 108 |
| 12 | Acute Single Photon Emission Computed Tomographic Study of Vagus Nerve Stimulation in Refractory Epilepsy. Epilepsia, 2000, 41, 601-609. | 2.6 | 94 |
| 13 | Programmed and Magnet-Induced Vagus Nerve Stimulation for Refractory Epilepsy. Journal of Clinical Neurophysiology, 2001, 18, 402-407. | 0.9 | 84 |
| 14 | Comparison of hippocampal Deep Brain Stimulation with high (130Hz) and low frequency (5Hz) on afterdischarges in kindled rats. Epilepsy Research, 2010, 88, 239-246. | 0.8 | 84 |
| 15 | Seizures in the intrahippocampal kainic acid epilepsy model: characterization using long-term video-EEG monitoring in the rat. Acta Neurologica Scandinavica, 2009, 119, 293-303. | 1.0 | 80 |
| 16 | A DECADE OF EXPERIENCE WITH DEEP BRAIN STIMULATION FOR PATIENTS WITH REFRACTORY MEDIAL TEMPORAL LOBE EPILEPSY. International Journal of Neural Systems, 2013, 23, 1250034. | 3.2 | 79 |
| 17 | Neurological manifestations and neuroâ€invasive mechanisms of the severe acute respiratory syndrome coronavirus type 2. European Journal of Neurology, 2020, 27, 1578-1587. | 1.7 | 79 |
| 18 | The Mechanism of Action of Vagus Nerve Stimulation for Refractory Epilepsy. Journal of Clinical Neurophysiology, 2001, 18, 394-401. | 0.9 | 77 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Accurate epileptogenic focus localization through time-variant functional connectivity analysis of intracranial electroencephalographic signals. NeuroImage, 2011, 56, 1122-1133. | 2.1 | 75 |
| 20 | Dipole Modeling in Epilepsy Surgery Candidates. Epilepsia, 1997, 38, 208-218. | 2.6 | 73 |
| 21 | Direct Medical Costs of Refractory Epilepsy Incurred by Three Different Treatment Modalities: A Prospective Assessment. Epilepsia, 2002, 43, 96-102. | 2.6 | 72 |
| 22 | Long-term Deep Brain Stimulation for Refractory Temporal Lobe Epilepsy. Epilepsia, 2005, 46, 98-99. | 2.6 | 72 |
| 23 | Recent advances in devices for vagus nerve stimulation. Expert Review of Medical Devices, 2018, 15, 527-539. | 1.4 | 72 |
| 24 | Thalamic and limbic involvement in the mechanism of action of vagus nerve stimulation, a SPECT study. Seizure: the Journal of the British Epilepsy Association, 2008, 17, 699-706. | 0.9 | 70 |
| 25 | Effects of vagus nerve stimulation on pro- and anti-inflammatory cytokine induction in patients with refractory epilepsy. Journal of Neuroimmunology, 2009, 214, 104-108. | 1.1 | 69 |
| 26 | Long-term results of vagus nerve stimulation in refractory epilepsy. Seizure: the Journal of the British Epilepsy Association, 1999, 8, 328-334. | 0.9 | 68 |
| 27 | Vagus nerve stimulation for refractory epilepsy. Seizure: the Journal of the British Epilepsy Association, 2001, 10, 448-455. | 0.9 | 61 |
| 28 | High Frequency Deep Brain Stimulation in the Hippocampus Modifies Seizure Characteristics in Kindled Rats. Epilepsia, 2007, 48, 1543-1550. | 2.6 | 60 |
| 29 | Suppression of hippocampal epileptic seizures in the kainate rat by Poisson distributed stimulation. Epilepsia, 2010, 51, 2297-2304. | 2.6 | 60 |
| 30 | The antidepressant mechanism of action of vagus nerve stimulation: Evidence from preclinical studies. Neuroscience and Biobehavioral Reviews, 2015, 56, 26-34. | 2.9 | 60 |
| 31 | Deep brain and cortical stimulation for epilepsy. The Cochrane Library, 2017, 2017, CD008497. | 1.5 | 59 |
| 32 | Technical aspects of neurostimulation: Focus on equipment, electric field modeling, and stimulation protocols. Neuroscience and Biobehavioral Reviews, 2016, 65, 113-141. | 2.9 | 58 |
| 33 | Efficacy of vagus nerve stimulation for refractory epilepsy among patient subgroups: A re-analysis using the Engel classification. Seizure: the Journal of the British Epilepsy Association, 2011, 20, 331-335. | 0.9 | 57 |
| 34 | The antidepressant-like effect of vagus nerve stimulation is mediated through the locus coeruleus. Journal of Psychiatric Research, 2015, 68, 1-7. | 1.5 | 54 |
| 35 | Vagus nerve stimulation in refractory and super-refractory status epilepticus â€“ A systematic review. Brain Stimulation, 2019, 12, 1101-1110. | 0.7 | 53 |
| 36 | The systemic kainic acid rat model of temporal lobe epilepsy: Long-term EEG monitoring. Brain Research, 2015, 1627, 1-11. | 1.1 | 51 |

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|---|---|---|---|
| 37 | Vagus nerve stimulation in refractory epilepsy: SPECT activation study. Journal of Nuclear Medicine, 2000, 41, 1145-54. | 2.8 | 51 |
| 38 | EEG source connectivity to localize the seizure onset zone in patients with drug resistant epilepsy. NeuroImage: Clinical, 2017, 16, 689-698. | 1.4 | 50 |
| 39 | The cognitive effects of amygdalohippocampal deep brain stimulation in patients with temporal lobe epilepsy. Epilepsy and Behavior, 2011, 22, 759-764. | 0.9 | 48 |
| 40 | Vagus nerve stimulation for refractory status epilepticus. European Journal of Paediatric Neurology, 2009, 13, 286-289. | 0.7 | 44 |
| 41 | Tracking slow modulations in synaptic gain using dynamic causal modelling: Validation in epilepsy. NeuroImage, 2015, 107, 117-126. | 2.1 | 43 |
| 42 | Perfusion SPECT changes after acute and chronic vagus nerve stimulation in relation to prestimulus condition and long-term clinical efficacy. Journal of Nuclear Medicine, 2002, 43, 733-44. | 2.8 | 43 |
| 43 | Predictive factors for outcome of invasive video-EEG monitoring and subsequent resective surgery in patients with refractory epilepsy. Clinical Neurology and Neurosurgery, 2010, 112, 118-126. | 0.6 | 40 |
| 44 | Cell therapy in models for temporal lobe epilepsy. Seizure: the Journal of the British Epilepsy Association, 2007, 16, 565-578. | 0.9 | 39 |
| 45 | Involvement of fast-spiking cells in ictal sequences during spontaneous seizures in rats with chronic temporal lobe epilepsy. Brain, 2017, 140, 2355-2369. | 3.7 | 39 |
| 46 | Small animal positron emission tomography during vagus nerve stimulation in rats: A pilot study. Epilepsy Research, 2005, 67, 133-141. | 0.8 | 38 |
| 47 | Hippocampal deep brain stimulation induces decreased rCBF in the hippocampal formation of the rat. NeuroImage, 2010, 52, 55-61. | 2.1 | 37 |
| 48 | Anatomical and physiological basis and mechanism of action of neurostimulation for epilepsy. , 2007, 97, 321-328. | | 36 |
| 49 | Vagal nerve stimulation â€" a 15-year survey of an established treatment modality in epilepsy surgery. Advances and Technical Standards in Neurosurgery, 2009, 34, 111-146. | 0.2 | 35 |
| 50 | Longâ€term chemogenetic suppression of spontaneous seizures in a mouse model for temporal lobe epilepsy. Epilepsia, 2019, 60, 2314-2324. | 2.6 | 34 |
| 51 | Increased rat serum corticosterone suggests immunomodulation by stimulation of the vagal nerve. Journal of Neuroimmunology, 2009, 212, 102-105. | 1.1 | 32 |
| 52 | The effect of vagus nerve stimulation on response inhibition. Epilepsy and Behavior, 2016, 64, 171-179. | 0.9 | 32 |
| 53 | Neurophysiological investigations of drug resistant epilepsy patients treated with vagus nerve stimulation to differentiate responders from nonâ€responders. European Journal of Neurology, 2020, 27, 1178-1189. | 1.7 | 31 |
| 54 | Deep brain and cortical stimulation for epilepsy. , 2014, , CD008497. | | 30 |

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| 55 | Generator replacement in epilepsy patients treated with vagus nerve stimulation. Seizure: the Journal of the British Epilepsy Association, 2005, 14, 89-99. | 0.9 | 29 |
| 56 | Cognitive deterioration in adult epilepsy: clinical characteristics of â€œAccelerated Cognitive Ageingâ€. Acta Neurologica Scandinavica, 2017, 136, 47-53. | 1.0 | 29 |
| 57 | Transcutaneous Vagus Nerve Stimulation Does Not Affect Verbal Memory Performance in Healthy Volunteers. Frontiers in Psychology, 2020, 11, 551. | 1.1 | 29 |
| 58 | The Effect of Vagus Nerve Stimulation on CSF Monoamines and the PTZ Seizure Threshold in Dogs. Brain Stimulation, 2015, 8, 1-6. | 0.7 | 28 |
| 59 | ELECTROPHYSIOLOGICAL RESPONSES FROM VAGUS NERVE STIMULATION IN RATS. International Journal of Neural Systems, 2013, 23, 1350027. | 3.2 | 27 |
| 60 | Vagus nerve stimulation does not affect spatial memory in fast rats, but has both anti-convulsive and pro-convulsive effects on amygdala-kindled seizures. Neuroscience, 2006, 140, 1443-1451. | 1.1 | 26 |
| 61 | EEG Derived Brain Activity Reflects Treatment Response from Vagus Nerve Stimulation in Patients with Epilepsy. International Journal of Neural Systems, 2017, 27, 1650048. | 3.2 | 25 |
| 62 | Epilepsy surgery in Belgium, the experience in Gent. Acta Neurologica Belgica, 1999, 99, 256-65. | 0.5 | 25 |
| 63 | Neurostimulation for refractory epilepsy. Acta Neurologica Belgica, 2003, 103, 213-7. | 0.5 | 25 |
| 64 | The Acute and Chronic Effect of Vagus Nerve Stimulation in Genetic Absence Epilepsy Rats from Strasbourg (GAERS). Epilepsia, 2005, 46, 94-97. | 2.6 | 24 |
| 65 | Vagus Nerve Stimulation Applied with a Rapid Cycle Has More Profound Influence on Hippocampal Electrophysiology Than a Standard Cycle. Neurotherapeutics, 2016, 13, 592-602. | 2.1 | 24 |
| 66 | Improved Localization of Seizure Onset Zones Using Spatiotemporal Constraints and Time-Varying Source Connectivity. Frontiers in Neuroscience, 2017, 11, 156. | 1.4 | 24 |
| 67 | Clinical experience with vagus nerve stimulation and deep brain stimulation in epilepsy. , 2007, 97, 273-280. | | 24 |
| 68 | Detection of focal epileptiform events in the EEG by spatio-temporal dipole clustering. Clinical Neurophysiology, 2008, 119, 1756-1770. | 0.7 | 23 |
| 69 | Non-pharmacological treatment options for refractory epilepsy: An overview of human treatment modalities and their potential utility in dogs. Veterinary Journal, 2014, 199, 332-339. | 0.6 | 23 |
| 70 | Regional brain perfusion changes during standard and microburst vagus nerve stimulation in dogs. Epilepsy Research, 2014, 108, 616-622. | 0.8 | 23 |
| 71 | A novel implantable vagus nerve stimulation system (ADNS-300) for combined stimulation and recording of the vagus nerve: Pilot trial at Ghent University Hospital. Epilepsy Research, 2010, 92, 231-239. | 0.8 | 22 |
| 72 | Responsive neurostimulation in epilepsy. Expert Review of Neurotherapeutics, 2015, 15, 1445-1454. | 1.4 | 22 |

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|---|---|---|---|
| 73 | Alterations in the functional brain network in a rat model of epileptogenesis: A longitudinal resting state fMRI study. NeuroImage, 2019, 202, 116144. | 2.1 | 22 |
| 74 | 30 years of vagus nerve stimulation trials in epilepsy: Do we need neuromodulation-specific trial designs?. Epilepsy Research, 2019, 153, 71-75. | 0.8 | 22 |
| 75 | Recording temporal lobe epileptic activity with MEG in a light-weight magnetic shield. Seizure: the Journal of the British Epilepsy Association, 2011, 20, 414-418. | 0.9 | 21 |
| 76 | Modulation of Hippocampal Activity by Vagus Nerve Stimulation in Freely Moving Rats. Brain Stimulation, 2016, 9, 124-132. | 0.7 | 21 |
| 77 | Modulation of seizure threshold by vagus nerve stimulation in an animal model for motor seizures. Acta Neurologica Scandinavica, 2010, 121, 271-276. | 1.0 | 20 |
| 78 | In Search of Optimal DBS Paradigms to Treat Epilepsy: Bilateral Versus Unilateral Hippocampal Stimulation in a Rat Model for Temporal Lobe Epilepsy. Brain Stimulation, 2015, 8, 192-199. | 0.7 | 20 |
| 79 | Longâ€term chemogenetic suppression of seizures in a multifocal rat model of temporal lobe epilepsy. Epilepsia, 2021, 62, 659-670. | 2.6 | 19 |
| 80 | Repeated assessment of larynx compound muscle action potentials using a self-sizing cuff electrode around the vagus nerve in experimental rats. Journal of Neuroscience Methods, 2011, 198, 287-293. | 1.3 | 18 |
| 81 | Closing the loop for patients with epilepsy. Nature Reviews Neurology, 2015, 11, 252-254. | 4.9 | 17 |
| 82 | The potential of invasive and non-invasive vagus nerve stimulation to improve verbal memory performance in epilepsy patients. Scientific Reports, 2022, 12, 1984. | 1.6 | 17 |
| 83 | Intensity-dependent modulatory effects of vagus nerve stimulation on cortical excitability. Acta Neurologica Scandinavica, 2013, 128, 391-396. | 1.0 | 16 |
| 84 | Electrical source imaging of interictal spikes using multiple sparse volumetric priors for presurgical epileptogenic focus localization. NeuroImage: Clinical, 2016, 11, 252-263. | 1.4 | 16 |
| 85 | Repetitive transcranial magnetic stimulation for the treatment of refractory epilepsy. Expert Review of Neurotherapeutics, 2016, 16, 1093-1110. | 1.4 | 16 |
| 86 | Vagus Nerve Stimulator Placement in Dogs: Surgical Implantation Technique, Complications, Longâ€Term Followâ€Up, and Practical Considerations. Veterinary Surgery, 2016, 45, 71-78. | 0.5 | 15 |
| 87 | Vagus Nerve Stimulation-Induced Laryngeal Motor Evoked Potentials: A Possible Biomarker of Effective Nerve Activation. Frontiers in Neuroscience, 2019, 13, 880. | 1.4 | 15 |
| 88 | Uric acid is released in the brain during seizure activity and increases severity of seizures in a mouse model for acute limbic seizures. Experimental Neurology, 2016, 277, 244-251. | 2.0 | 14 |
| 89 | Vagus Nerve Stimulation for Epilepsy, Clinical Efficacy of Programmed and Magnet Stimulation. , 2002, 79, 93-98. | | 14 |
| 90 | Deep brain stimulation for epilepsy: knowledge gained from experimental animal models. Acta Neurologica Belgica, 2009, 109, 63-80. | 0.5 | 14 |

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|---|---|---|---|
| 91 | Vagus Nerve Stimulation has Antidepressant Effects in the Kainic Acid Model for Temporal Lobe Epilepsy. Brain Stimulation, 2015, 8, 13-20. | 0.7 | 12 |
| 92 | Heart rate, electrodermal responses and frontal alpha asymmetry to accepted and non-accepted solutions and drinks. Food Quality and Preference, 2020, 82, 103893. | 2.3 | 12 |
| 93 | Investigating the Effect of Transcutaneous Auricular Vagus Nerve Stimulation on Cortical Excitability in Healthy Males. Neuromodulation, 2022, 25, 395-406. | 0.4 | 12 |
| 94 | Non-invasive vagal nerve stimulation enhances cognitive emotion regulation. Behaviour Research and Therapy, 2021, 145, 103933. | 1.6 | 12 |
| 95 | Chemogenetic Seizure Control with Clozapine and the Novel Ligand JHU37160 Outperforms the Effects of Levetiracetam in the Intrahippocampal Kainic Acid Mouse Model. Neurotherapeutics, 2022, 19, 342-351. | 2.1 | 12 |
| 96 | Clinical Vagus Nerve Stimulation Paradigms Induce Pronounced Brain and Body Hypothermia in Rats. International Journal of Neural Systems, 2017, 27, 1750016. | 3.2 | 11 |
| 97 | Functional MRI during Hippocampal Deep Brain Stimulation in the Healthy Rat Brain. PLoS ONE, 2015, 10, e0133245. | 1.1 | 11 |
| 98 | Vagus nerve stimulation and the postictal state. Epilepsy and Behavior, 2010, 19, 182-185. | 0.9 | 10 |
| 99 | Evaluation of heart rate variability in dogs during standard and microburst vagus nerve stimulation: A pilot study. Veterinary Journal, 2014, 202, 651-653. | 0.6 | 10 |
| 100 | Hippocampal Deep Brain Stimulation Reduces Glucose Utilization in the Healthy Rat Brain. Molecular Imaging and Biology, 2015, 17, 373-383. | 1.3 | 10 |
| 101 | A prestimulation evaluation protocol for patients with drug resistant epilepsy. Seizure: the Journal of the British Epilepsy Association, 2017, 44, 137-142. | 0.9 | 10 |
| 102 | Electroencephalography During Nociceptive Stimulation in Chronic Pain Patients: A Systematic Review. Pain Medicine, 2020, 21, 3413-3427. | 0.9 | 10 |
| 103 | Transcutaneous auricular vagus nerve stimulation cannot modulate the P3b event-related potential in healthy volunteers. Clinical Neurophysiology, 2022, 135, 22-29. | 0.7 | 10 |
| 104 | Are psychotic symptoms related to vagus nerve stimulation in epilepsy patients?. Acta Neurologica Belgica, 2003, 103, 170-5. | 0.5 | 10 |
| 105 | Evolution in VNS therapy for refractory epilepsy, experience with Demipulse devices at Ghent University Hospital. Seizure: the Journal of the British Epilepsy Association, 2010, 19, 531-535. | 0.9 | 9 |
| 106 | Neurostimulation for epilepsy. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2012, 108, 955-970. | 1.0 | 9 |
| 107 | A Preclinical Study of Laryngeal Motor-Evoked Potentials as a Marker Vagus Nerve Activation. International Journal of Neural Systems, 2015, 25, 1550034. | 3.2 | 9 |
| 108 | Deep brain stimulation reduces evoked potentials with a dual time course in freely moving rats: Potential neurophysiological basis for intermittent as an alternative to continuous stimulation. Epilepsia, 2020, 61, 903-913. | 2.6 | 9 |

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|---|---|---|---|
| 109 | Functional electrical stimulation of the left recurrent laryngeal nerve using a vagus nerve stimulator in a normal horse. Veterinary Journal, 2011, 189, 346-348. | 0.6 | 8 |
| 110 | The Role of Skull Modeling in EEG Source Imaging for Patients with Refractory Temporal Lobe Epilepsy. Brain Topography, 2016, 29, 572-589. | 0.8 | 8 |
| 111 | Development of a Rat Model for Glioma-Related Epilepsy. International Journal of Molecular Sciences, 2020, 21, 6999. | 1.8 | 8 |
| 112 | Technological Challenges in the Development of Optogenetic Closed-Loop Therapy Approaches in Epilepsy and Related Network Disorders of the Brain. Micromachines, 2021, 12, 38. | 1.4 | 8 |
| 113 | Auricular transcutaneous vagus nerve stimulation modulates the heart-evoked potential. Brain Stimulation, 2022, 15, 260-269. | 0.7 | 8 |
| 114 | Source localization in refractory partial epilepsy. Revue Neurologique, 1999, 155, 499-508. | 0.6 | 8 |
| 115 | Reduced distractor interference during vagus nerve stimulation. International Journal of Psychophysiology, 2018, 128, 93-99. | 0.5 | 7 |
| 116 | Mapping the epileptic brain with EEG dynamical connectivity: Established methods and novel approaches. European Physical Journal Plus, 2012, 127, 1. | 1.2 | 6 |
| 117 | Gender issues during the times of COVIDâ€19 pandemic. European Journal of Neurology, 2021, 28, e73-e77. | 1.7 | 6 |
| 118 | Feasibility of transcutaneous auricular vagus nerve stimulation in treatment of drug resistant epilepsy: A multicenter prospective study. Epilepsy Research, 2021, 177, 106776. | 0.8 | 6 |
| 119 | Epilepsy surgery in Belgium, the Flemish experience. Acta Neurologica Belgica, 1996, 96, 6-18. | 0.5 | 6 |
| 120 | Impact of Vagal Nerve Stimulation on Objective Vocal Quality, a Pilot Study. Journal of Voice, 2015, 29, 777.e9-777.e15. | 0.6 | 5 |
| 121 | A Feasibility Study to Investigate Chemogenetic Modulation of the Locus Coeruleus by Means of Single Unit Activity. Frontiers in Neuroscience, 2020, 14, 162. | 1.4 | 5 |
| 122 | Pre-ictal heart rate variability alterations in focal onset seizures and response to vagus nerve stimulation. Seizure: the Journal of the British Epilepsy Association, 2021, 86, 175-180. | 0.9 | 5 |
| 123 | Acute symptomatic seizures following intracerebral hemorrhage in the rat collagenase model. Epilepsy Research, 2020, 164, 106364. | 0.8 | 5 |
| 124 | Laryngeal Muscle-Evoked Potential Recording as an Indicator of Vagal Nerve Fiber Activation. Neuromodulation, 2022, 25, 461-470. | 0.4 | 5 |
| 125 | Long-term evaluation of synchronization between scalp EEG signals in partial epilepsy. , 0, , . | | 4 |
| 126 | Event-Related Potentials Reveal Preserved Attention Allocation but Impaired Emotion Regulation in Patients with Epilepsy and Comorbid Negative Affect. PLoS ONE, 2015, 10, e0116817. | 1.1 | 4 |

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|---|---|---|---|
| 127 | Transcutaneous Vagus and Trigeminal Nerve Stimulation. , 2017, , 115-126. | | 4 |
| 128 | Disruption, but not overexpression of urate oxidase alters susceptibility to pentylenetetrazoleâ€•and pilocarpineâ€•induced seizures in mice. Epilepsia, 2016, 57, e146-50. | 2.6 | 3 |
| 129 | Hypothermia Masks Most of the Effects of Rapid Cycling VNS on Rat Hippocampal Electrophysiology. International Journal of Neural Systems, 2019, 29, 1950008. | 3.2 | 3 |
| 130 | Optimized Parameters for Transducing the Locus Coeruleus Using Canine Adenovirus Type 2 (CAV2) Vector in Rats for Chemogenetic Modulation Research. Frontiers in Neuroscience, 2021, 15, 663337. | 1.4 | 3 |
| 131 | Severe autonomic nervous system imbalance in Lennox-Gastaut syndrome patients demonstrated by heart rate variability recordings. Epilepsy Research, 2021, 177, 106783. | 0.8 | 3 |
| 132 | Is vagus nerve stimulation effective in the treatment of drug-resistant epilepsy?. Bioelectronics in Medicine, 2018, 1, 219-221. | 2.0 | 1 |
| 133 | SARSâ€CoVâ€2 vaccineâ€related neurological complications need large collaborative studies, not single case reports or small descriptive series. European Journal of Neurology, 2021, 28, 3223-3223. | 1.7 | 1 |
| 134 | Comparison of In Vivo and Ex Vivo Magnetic Resonance Imaging in a Rat Model for Glioblastoma-Associated Epilepsy. Diagnostics, 2021, 11, 1311. | 1.3 | 1 |
| 135 | White Matter Integrity in a Rat Model of Epileptogenesis: Structural Connectomics and Fixel-Based Analysis. Brain Connectivity, 2022, 12, 320-333. | 0.8 | 1 |
| 136 | Vagus Nerve and Hippocampal Stimulation for Refractory Epilepsy. , 0, , 283-297. | | 1 |
| 137 | A new method for detection and source analysis of EEG spikes. , 0, , . | | 0 |
| 138 | High resolution μSPECT for brain activation analysis in small animals. , 2009, , . | | 0 |
| 139 | Epileptogenic focus localization through connectivity analysis of the intracranial EEG: A retrospective study in 2 patients. , 2011, , . | | 0 |
| 140 | The effect of neuropeptide FF in the amygdala kindling model. Acta Neurologica Scandinavica, 2016, 134, 181-188. | 1.0 | 0 |
| 141 | Why Does VNS Take So Long to Work?. , 2008, , 470-477. | | 0 |
| 142 | Brain Stimulation in Epilepsyâ€”An Old Technique with a New Promise?. Blue Books of Neurology, 2009, , 322-340. | 0.1 | 0 |
| 143 | INVASIVE BRAIN STIMULATION IN THE TREATMENT OF EPILEPSY. , 2013, , . | | 0 |
| 144 | Response to â€œNegative Results Call for More Delicate Experimental Design in Cortical Excitability Change of taVNS Interventionâ€• Neuromodulation, 2021, 24, 1499-1500. | 0.4 | 0 |