# Sharon Chiang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4573104/publications.pdf

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|---|---|---|---|
| 36 papers | 863 citations | 430874 18 h-index | 501196 28 g-index |
| 36 all docs | 36 docs citations | 36 times ranked | 1231 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Graph theory findings in the pathophysiology of temporal lobe epilepsy. Clinical Neurophysiology, 2014, 125, 1295-1305. | 1.5 | 94 |
| 2 | Clinical correlates of graph theory findings in temporal lobe epilepsy. Seizure: the Journal of the British Epilepsy Association, 2014, 23, 809-818. | 2.0 | 65 |
| 3 | Differences in graph theory functional connectivity in left and right temporal lobe epilepsy. Epilepsy Research, 2014, 108, 1770-1781. | 1.6 | 53 |
| 4 | Brain Graph Topology Changes Associated with Anti-Epileptic Drug Use. Brain Connectivity, 2015, 5, 284-291. | 1.7 | 52 |
| 5 | Time-dependence of graph theory metrics in functional connectivity analysis. NeuroImage, 2016, 125, 601-615. | 4.2 | 50 |
| 6 | Risk Factors for Dehiscence of Stapled Functional Endâ€toâ€End Intestinal Anastomoses in Dogs: 53 Cases (2001â€“2012). Veterinary Surgery, 2016, 45, 91-99. | 1.0 | 46 |
| 7 | Characteristics of large patientâ€reported outcomes: Where can one million seizures get us?. Epilepsia Open, 2018, 3, 364-373. | 2.4 | 46 |
| 8 | White matter structural connectivity changes correlate with epilepsy duration in temporal lobe epilepsy. Epilepsy Research, 2016, 120, 37-46. | 1.6 | 42 |
| 9 | Structuralâ€“functional coupling changes in temporal lobe epilepsy. Brain Research, 2015, 1616, 45-57. | 2.2 | 37 |
| 10 | Computerâ€automated focus lateralization of temporal lobe epilepsy using fMRI. Journal of Magnetic Resonance Imaging, 2015, 41, 1689-1694. | 3.4 | 34 |
| 11 | The role of chemokines in guillainâ€“barrÃ© syndrome. Muscle and Nerve, 2013, 48, 320-330. | 2.2 | 31 |
| 12 | Functional connectivity homogeneity correlates with duration of temporal lobe epilepsy. Epilepsy and Behavior, 2015, 46, 227-233. | 1.7 | 27 |
| 13 | A big data approach to the development of mixedâ€effects models for seizure count data. Epilepsia, 2017, 58, 835-844. | 5.1 | 26 |
| 14 | Temporal and spectral characteristics of dynamic functional connectivity between resting-state networks reveal information beyond static connectivity. PLoS ONE, 2018, 13, e0190220. | 2.5 | 26 |
| 15 | Review-of-systems questionnaire as a predictive tool for psychogenic nonepileptic seizures. Epilepsy and Behavior, 2015, 45, 151-154. | 1.7 | 24 |
| 16 | Epilepsy as a dynamic disease: A Bayesian model for differentiating seizure risk from natural variability. Epilepsia Open, 2018, 3, 236-246. | 2.4 | 24 |
| 17 | Bayesian vector autoregressive model for multiâ€subject effective connectivity inference using multiâ€modal neuroimaging data. Human Brain Mapping, 2017, 38, 1311-1332. | 3.6 | 22 |
| 18 | Individualizing the definition of seizure clusters based on temporal clustering analysis. Epilepsy Research, 2020, 163, 106330. | 1.6 | 21 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Prospective validation study of an epilepsy seizure risk system for outpatient evaluation. Epilepsia, 2020, 61, 29-38. | 5.1 | 20 |
| 20 | Evidence of state-dependence in the effectiveness of responsive neurostimulation for seizure modulation. Brain Stimulation, 2021, 14, 366-375. | 1.6 | 20 |
| 21 | Seizure detection devices and health-related quality of life: A patient- and caregiver-centered evaluation. Epilepsy and Behavior, 2020, 105, 106963. | 1.7 | 18 |
| 22 | Guidelines for Conducting Ethical Artificial Intelligence Research in Neurology. Neurology, 2021, 97, 632-640. | 1.1 | 14 |
| 23 | Bilateral temporal lobe epilepsy: How many seizures are required in chronic ambulatory electrocorticography to estimate the laterality ratio?. Epilepsia, 2022, 63, 199-208. | 5.1 | 12 |
| 24 | A Hierarchical Bayesian Model for the Identification of PET Markers Associated to the Prediction of Surgical Outcome after Anterior Temporal Lobe Resection. Frontiers in Neuroscience, 2017, 11, 669. | 2.8 | 9 |
| 25 | Pearls & Oy-sters: Relapse of anti-NMDA receptor encephalitis after prior first- and second-line immunotherapy. Neurology, 2018, 90, 936-939. | 1.1 | 9 |
| 26 | Can machine learning improve randomized clinical trial analysis?. Seizure: the Journal of the British Epilepsy Association, 2021, 91, 499-502. | 2.0 | 9 |
| 27 | Evaluation and recommendations for effective data visualization for seizure forecasting algorithms. JAMIA Open, 2021, 4, ooab009. | 2.0 | 6 |
| 28 | Intraobserver and Interobserver Reliability of Three Classification Systems for Hallux Rigidus. Journal of the American Podiatric Medical Association, 2020, 110, . | 0.3 | 4 |
| 29 | Natural history of generalized motor seizures: A retrospective analysis. Seizure: the Journal of the British Epilepsy Association, 2020, 80, 109-112. | 2.0 | 4 |
| 30 | Impact of intellectual and developmental disability on quality-of-life priorities in adults with epilepsy. Epilepsy and Behavior, 2021, 123, 108282. | 1.7 | 4 |
| 31 | Spatial mapping of translational diffusion coefficients using diffusion tensor imaging: A mathematical description. Concepts in Magnetic Resonance Part A: Bridging Education and Research, 2014, 43, 1-27. | 0.5 | 3 |
| 32 | Evidence for long memory in focal seizure duration. Epilepsia Open, 2021, 6, 140-148. | 2.4 | 3 |
| 33 | A Patient Perspective on Seizure Detection and Forecasting. Frontiers in Neurology, 2022, 13, 779551. | 2.4 | 3 |
| 34 | Use of resting-state fMRI in planning epilepsy surgery. Neurology India, 2017, 65, 25. | 0.4 | 2 |
| 35 | Editorial: Seizure Forecasting and Detection: Computational Models, Machine Learning, and Translation Into Devices. Frontiers in Neurology, 2022, 13, 874070. | 2.4 | 2 |
| 36 | Pearls & Oy-sters: CNS lymphoma in a patient with relapsing-remitting multiple sclerosis treated with interferon. Neurology, 2017, 89, e210-e213. | 1.1 | 1 |