Stanford



Josef Parvizi, MD, PhD

Professor of Neurology and Neurological Sciences (Adult Neurology) and, by courtesy, of Neurosurgery

CLINICAL OFFICE (PRIMARY)

- **Stanford Neuroscience Health Center**

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  Palo Alto, CA 94304

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Bio

BIO

Dr. Parvizi completed his medical internship at Mayo Clinic, neurology training at Harvard, and subspecialty training in clinical neurophysiology and epilepsy at UCLA before joining the Department of Neurology and Neurological Sciences at Stanford in 2007. Dr. Parvizi directs the Stanford Program for Medication Resistant Epilepsies and specializes in surgical treatments of intractable focal epilepsies. Dr. Parvizi is the principal investigator in the Laboratory of Behavioral and Cognitive Neuroscience, where he leads a team of investigators to study the human brain. http://med.stanford.edu/parvizi-lab.html.

Epilepsy patient story: https://www.youtube.com/watch?v=HXy-gXg0t94&t=3s

CLINICAL FOCUS

- Uncontrollable Seizures
- electrocorticography
- functional brain mapping
- Epilepsy

ACADEMIC APPOINTMENTS

- Professor-Univ Med Line, Adult Neurology
- Professor-Univ Med Line (By courtesy), Neurosurgery
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Wu Tsai Neurosciences Institute

PROFESSIONAL EDUCATION

- Board Certification: Epilepsy, American Board of Psychiatry and Neurology (2016)

- Board Certification: Neurology, American Board of Psychiatry and Neurology (2008)
- Fellowship: UCLA Dept of Neurology (2007) CA
- Residency: Beth Israel Deaconess Medical Center Neurology Residency (2006) MA
- Internship: Mayo Clinic Internal Medicine Residency (2003) MN
- Medical Education: University of Oslo Medical School (1995) Norway
- PhD, University of Iowa , Neuroscience (1999)

COMMUNITY AND INTERNATIONAL WORK

- Free Neurology Clinic, Menlo Park - Arbor Clinic (www.arbor.stanford.edu)

LINKS

- Laboratory of Behavioral and Cognitive Neuroscience: http://neurology.stanford.edu/labs/parvizilab/
- Get a Second Opinion: https://stanfordhealthcare.org/second-opinion/overview.html
- Epilepsy patient story: https://stanfordhealthcare.org/stanford-health-care-now/videos/seizure-free-and-a-new-perspective-after-minimally-invasive-epilepsy-treatment.html

Teaching

STANFORD ADVISEES

Med Scholar Project Advisor

Sina Sadeghzadeh

Postdoctoral Faculty Sponsor

Weichen Huang, Heejung Jung

Doctoral Dissertation Reader (NonAC)

Christopher Minasi

Publications

PUBLICATIONS

- **Functional architecture of the human insula.** *Nature*
  Quabs, J., Pantis, S., Chen, G., Huang, W., Ma, E., Del Vecchio, M., Lyu, D., Wang, C., Avanzini, P., Buch, V., Ramayya, A. G., Caspers, S., Vogel, et al
  2026
- **Mapping human thalamocortical connectivity with electrical stimulation and recording.** *Nature neuroscience*
  Lyu, D., Stiger, J. R., Lusk, Z., Buch, V., Parvizi, J.
  2025
- **Cross-regional coordination of activity in the human brain during autobiographical self-referential processing.** *Proceedings of the National Academy of Sciences of the United States of America*
  Stieger, J. R., Pinheiro-Chagas, P., Fang, Y., Li, J., Lusk, Z., Perry, C. M., Girn, M., Contreras, D., Chen, Q., Huguenard, J. R., Spreng, R. N., Edlow, B. L., Wagner, et al
  2024; 121 (32): e2316021121
- **Causal evidence for the processing of bodily self in the anterior precuneus.** *Neuron*
  Lyu, D., Stieger, J. R., Xin, C., Ma, E., Lusk, Z., Aparicio, M. K., Werbaneth, K., Perry, C. M., Deisseroth, K., Buch, V., Parvizi, J.
  2023
- **Multisite thalamic recordings to characterize seizure propagation in the human brain.** *Brain : a journal of neurology*
  Wu, T. Q., Kaboodvand, N., McGinn, R. J., Veit, M., Davey, Z., Datta, A., Graber, K. D., Meador, K. J., Fisher, R., Buch, V., Parvizi, J.

2023

- **Causal mapping of human brain function.** *Nature reviews. Neuroscience*
  Siddiqi, S. H., Kording, K. P., Parvizi, J., Fox, M. D.
  2022
- **Intrinsic network architecture predicts the effects elicited by intracranial electrical stimulation of the human brain.** *Nature human behaviour*
  Fox, K. C., Shi, L., Baek, S., Raccah, O., Foster, B. L., Saha, S., Margulies, D. S., Kucyi, A., Parvizi, J.
  2020
- **Cognitive refractory state caused by spontaneous epileptic high-frequency oscillations in the human brain.** *Science translational medicine*
  Liu, S., Parvizi, J.
  2019; 11 (514)
- **Promises and limitations of human intracranial electroencephalography** *NATURE NEUROSCIENCE*
  Parvizi, J., Kastner, S.
  2018; 21 (4): 474–83
- **Intracranial Electrophysiology of the Human Default Network** *TRENDS IN COGNITIVE SCIENCES*
  Fox, K. C. R., Foster, B. L., Kucyi, A., Daitch, A. L., Parvizi, J.
  2018; 22 (4): 307–24
- **Intrinsic and Task-Dependent Coupling of Neuronal Population Activity in Human Parietal Cortex** *NEURON*
  Foster, B. L., Rangarajan, V., Shirer, W. R., Parvizi, J.
  2015; 86 (2): 578-590
- **The will to persevere induced by electrical stimulation of the human cingulate gyrus.** *Neuron*
  Parvizi, J., Rangarajan, V., Shirer, W. R., Desai, N., Greicius, M. D.
  2013; 80 (6): 1359-1367
- **Electrical Stimulation of Human Fusiform Face-Selective Regions Distorts Face Perception** *JOURNAL OF NEUROSCIENCE*
  Parvizi, J., Jacques, C., Foster, B. L., Withoft, N., Rangarajan, V., Weiner, K. S., Grill-Spector, K.
  2012; 32 (43): 14915-14920
- **Neural populations in human posteromedial cortex display opposing responses during memory and numerical processing** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Foster, B. L., Dastjerdi, M., Parvizi, J.
  2012; 109 (38): 15514-15519
- **Corticocentric myopia: old bias in new cognitive sciences** *TRENDS IN COGNITIVE SCIENCES*
  Parvizi, J.
  2009; 13 (8): 354-359
- **Localization and anticipation of seizure onset and propagation using network architecture of pathological high-frequency oscillations.** *Epilepsia*
  Liu, S., Togo, M., Tan, S. B., Marais, O., Parvizi, J.
  2026
- **Assessing the performance of artificial intelligence in detecting electrographic status epilepticus when human experts often disagree** *FRONTIERS IN NEUROLOGY*
  Alsherbini, K., Armenta Salas, M., Karunakaran, S., Gupta, A., Kamousi, B., Woo, R., Shivamurthy, V. N., King-Stephens, D., Hirsch, L. J., Stern, J., Karakis, I., Rao, V. R., Sadaka, et al
  2026; 17: 1833203
- **Point-of-Care Artificial Intelligence Measure of Seizure Burden Associates With Clinical Outcome at Discharge.** *Critical care medicine*
  Parvizi, J., Armenta Salas, M., Aparicio, M. K., Zafar, S. F., Desai, M., Karunakaran, S., Gupta, A., Kamousi, B., Hirsch, L. J., Struck, A. F.
  2026
- **Electrophysiological Brain Connectivity and Subjective States Evoked by Electrical Stimulation of the Human Mid-Thalamus.** *The Journal of neuroscience : the official journal of the Society for Neuroscience*

Pantis, S., Togo, M., Lyu, D., Huang, W., Quabs, J., Jung, H., van Staalduinen, E., Liu Yang, L., Chan, A., Fedor, M., Fisher, R., Buch, V., Parvizi, et al
2026

- **Combining Clinical Evaluations and Neuroscience Research in the Human Intracranial Electroencephalography Practice: 15-Year Cohort Study** *JOURNAL OF COGNITIVE NEUROSCIENCE*
  Lusk, Z., Kwon, A. Y., Pantis, S., Nam, S., Lyu, D., Fisher, R., van Staalduinen, E. K., Buch, V., Parvizi, J.
  2025; 37 (11): 2108-2125
- **Electrophysiological connections linking medial pulvinar, anterior nuclei of the thalamus and the hippocampus.** *Brain : a journal of neurology*
  Togo, M., Lyu, D., Huang, W., Pantis, S., Fisher, R., Matsumoto, R., Buch, V., Parvizi, J.
  2025
- **Decide, act, reflect, and maybe a self in all this?** *Proceedings of the National Academy of Sciences of the United States of America*
  Parvizi, J.
  2025; 122 (31): e2514623122
- **Targeted multinodal thalamic deep brain stimulation for epilepsy: A retrospective case series.** *Epileptic disorders : international epilepsy journal with videotape*
  Chang, R., Reid, B., McGeoch, P., Lusk, Z., Graber, K., Fisher, R., Parvizi, J., Buch, V.
  2025
- **Mapping electrophysiological connectivity of pulvinar in seizure propagation and neuromodulation.** *Epilepsia*
  Yao, Y., Wang, X., Zhao, B., Hu, W., Wang, L., Shao, X., Guo, Z., Yang, B., Li, Z., Cai, D., Fan, X., Parvizi, J., Zhang, et al
  2025
- **Functionally diverse human insular architecture with memory-related hippocampal interactions** *NATURE NEUROSCIENCE*
  Huang, W., Parvizi, J.
  2025
- **Direct interactions between the human insula and hippocampus during memory encoding.** *Nature neuroscience*
  Huang, W., Lyu, D., Stieger, J. R., Gotlib, I. H., Buch, V., Wagner, A. D., Parvizi, J.
  2025
- **Mapping the Effects of Intracranial Electrical Stimulation of the Human Orbitofrontal Cortex.** *Journal of clinical neurophysiology : official publication of the American Electroencephalographic Society*
  Pantis, S., Lyu, D., Huang, W., Kwon, A., Cheng, C., Duong, A., Ma, E., Fox, K. C., Parvizi, J.
  2025
- **Thalamus, evoked responses and triphasic waves.** *Nature communications*
  Parvizi, J.
  2025; 16 (1): 5221
- **Human attention-guided visual perception is governed by rhythmic oscillations and aperiodic timescales.** *PLoS biology*
  Raposo, I., Fiebelkorn, I. C., Lin, J. J., Parvizi, J., Kastner, S., Knight, R. T., Breska, A., Helfrich, R. F.
  2025; 23 (6): e3003232
- **Topographical map of subjective states evoked by focal seizures and electrical stimulation of the human insula.** *Epilepsia*
  Duong, A., Daliri, A., Montavont, A., Von Stein, E. L., van Staalduinen, E. K., Pantis, S., Marc, G., Rheims, S., Buch, V., Mazzola, L., Parvizi, J.
  2025
- **Naturalistic acute pain states decoded from neural and facial dynamics.** *Nature communications*
  Huang, Y., Gopal, J., Kakusa, B., Li, A. H., Huang, W., Wang, J. B., Persad, A., Ramayya, A., Parvizi, J., Buch, V. P., Keller, C. J.
  2025; 16 (1): 4371
- **Reduced montage electroencephalography: A choice between pragmatism and conventionalism.** *Neurophysiologie clinique = Clinical neurophysiology*
  Parvizi, J., Gururangan, K.
  2025; 55 (2): 103063

- **Ictal Involvement of the Pulvinar and the Anterior Nucleus of the Thalamus in Patients With Refractory Epilepsy.** *Neurology*
  McGinn, R., Von Stein, E. L., Datta, A., Wu, T., Lusk, Z., Nam, S., Dilts-Garcha, M., Fisher, R. S., Buch, V., Parvizi, J.
  2024; 103 (11): e210039
- **Multinuclear thalamic targeting with human stereotactic electroencephalography: surgical technique and nuances.** *Journal of neurosurgery*
  Jamiolkowski, R. M., Datta, A., Willsey, M. S., Parvizi, J., Buch, V. P.
  2024: 1-9
- **Naturalistic acute pain states decoded from neural and facial dynamics.** *bioRxiv : the preprint server for biology*
  Huang, Y., Gopal, J., Kakusa, B., Li, A. H., Huang, W., Wang, J. B., Persad, A., Ramayya, A., Parvizi, J., Buch, V. P., Keller, C.
  2024
- **The Cost of After-Hour Electroencephalography.** *Neurology. Clinical practice*
  Ney, J. P., Nuwer, M. R., Hirsch, L. J., Burdelle, M., Trice, K., Parvizi, J.
  2024; 14 (2): e200264
- **Spatiotemporal dynamics of successive activations across the human brain during simple arithmetic processing.** *The Journal of neuroscience : the official journal of the Society for Neuroscience*
  Pinheiro-Chagas, P., Sava-Segal, C., Akkol, S., Daitch, A., Parvizi, J.
  2024
- **Intracranial recordings of the human orbitofrontal cortical activity during self-referential episodic and valenced self-judgments.** *The Journal of neuroscience : the official journal of the Society for Neuroscience*
  Iravani, B., Kaboodvand, N., Stieger, J. R., Liang, E. Y., Lusk, Z., Fransson, P., Deutsch, G. K., Gotlib, I. H., Parvizi, J.
  2024
- **Evolution of SEEG Strategy: Stanford Experience.** *Neurosurgery clinics of North America*
  Buch, V. P., Parvizi, J.
  2024; 35 (1): 83-85
- **IMPROVEMENTS IN A MACHINE-LEARNING ALGORITHM FOR DETECTING STATUS EPILEPTICUS**
  Kamousi, B., Gupta, A., Karunakaran, S., Marjaninejad, A., Woo, R., Parvizi, J.
  LIPPINCOTT WILLIAMS & WILKINS.2024
- **Subjective states induced by intracranial electrical stimulation matches the cytoarchitectonic organization of the human insula.** *Brain stimulation*
  Duong, A., Quabs, J., Kucyi, A., Lusk, Z., Buch, V., Caspers, S., Parvizi, J.
  2023
- **Gaining Clarity on the Clarity Algorithm.** *Neurocritical care*
  Parvizi, J., Gururangan, K., Knickerbocker, D., Kamousi, B., Woo, R.
  2023
- **Direct intracranial recordings in the human angular gyrus during arithmetic processing.** *Brain structure & function*
  Pinheiro-Chagas, P., Chen, F., Sabetfakhri, N., Perry, C., Parvizi, J.
  2022
- **Complex negative emotions induced by electrical stimulation of the human hypothalamus.** *Brain stimulation*
  Parvizi, J., Veit, M. J., Barbosa, D. A., Kucyi, A., Perry, C., Parker, J. J., Shivacharan, R. S., Chen, F., Yih, J., Gross, J. J., Fisher, R., McNab, J. A., Falco-Walter, et al
  2022
- **Electrocorticographic evidence of a common neurocognitive sequence for mentalizing about the self and others.** *Nature communications*
  Tan, K. M., Daitch, A. L., Pinheiro-Chagas, P., Fox, K. C., Parvizi, J., Lieberman, M. D.
  2022; 13 (1): 1919
- **Temporal order of signal propagation within and across intrinsic brain networks.** *Proceedings of the National Academy of Sciences of the United States of America*
  Veit, M. J., Kucyi, A., Hu, W., Zhang, C., Zhao, B., Guo, Z., Yang, B., Sava-Segal, C., Perry, C., Zhang, J., Zhang, K., Parvizi, J.
  2021; 118 (48)

- **Overlapping Neuronal Population Responses in the Human Parietal Cortex during Visuospatial Attention and Arithmetic Processing** *JOURNAL OF COGNITIVE NEUROSCIENCE*
  Liu, N., Pinheiro-Chagas, P., Sava-Segal, C., Kastner, S., Chen, Q., Parvizi, J.
  2021; 33 (12): 2548-2558

- **Altered sense of self during seizures in the posteromedial cortex.** *Proceedings of the National Academy of Sciences of the United States of America*
  Parvizi, J., Braga, R. M., Kucyi, A., Veit, M. J., Pinheiro-Chagas, P., Perry, C., Sava-Segal, C., Zeineh, M., van Staalduinen, E. K., Henderson, J. M., Markert, M.
  2021; 118 (29)

- **Hippocampal ripples and their coordinated dialogue with the default mode network during recent and remote recollection.** *Neuron*
  Norman, Y., Raccah, O., Liu, S., Parvizi, J., Malach, R.
  2021

- **Intracranial electroencephalography reveals selective responses to cognitive stimuli in the periventricular heterotopias.** *The Journal of neuroscience : the official journal of the Society for Neuroscience*
  Akkol, S., Kucyi, A., Hu, W., Zhao, B., Zhang, C., Sava-Segal, C., Liu, S., Razavi, B., Zhang, J., Zhang, K., Parvizi, J.
  2021

- **Fidelity of first-person reports following intracranial neuromodulation of the human brain: An empirical assessment of sham stimulation in neurosurgical patients.** *Brain stimulation*
  Fox, K. C., Parvizi, J.
  2020

- **Monitoring the Burden of Seizures and Highly Epileptiform Patterns in Critical Care with a Novel Machine Learning Method.** *Neurocritical care*
  Kamousi, B., Karunakaran, S., Gururangan, K., Markert, M., Decker, B., Khankhanian, P., Mainardi, L., Quinn, J., Woo, R., Parvizi, J.
  2020

- **Deep posteromedial cortical rhythm in dissociation.** *Nature*
  Vesuna, S., Kauvar, I. V., Richman, E., Gore, F., Oskotsky, T., Sava-Segal, C., Luo, L., Malenka, R. C., Henderson, J. M., Nuyujukian, P., Parvizi, J., Deisseroth, K.
  2020

- **Pupillary dynamics link spontaneous and task-evoked activations recorded directly from human insula.** *The Journal of neuroscience : the official journal of the Society for Neuroscience*
  Kucyi, A., Parvizi, J.
  2020

- **Fast temporal dynamics and causal relevance of face processing in the human temporal cortex.** *Nature communications*
  Schrouff, J., Raccah, O., Baek, S., Rangarajan, V., Salehi, S., Mourao-Miranda, J., Helili, Z., Daitch, A. L., Parvizi, J.
  2020; 11 (1): 656

- **Electrophysiological dynamics of antagonistic brain networks reflect attentional fluctuations.** *Nature communications*
  Kucyi, A., Daitch, A., Raccah, O., Zhao, B., Zhang, C., Esterman, M., Zeineh, M., Halpern, C. H., Zhang, K., Zhang, J., Parvizi, J.
  2020; 11 (1): 325

- **Evaluating the Clinical Impact of Rapid Response Electroencephalography: The DECIDE Multicenter Prospective Observational Clinical Study.** *Critical care medicine*
  Vespa, P. M., Olson, D. M., John, S. n., Hobbs, K. S., Gururangan, K. n., Nie, K. n., Desai, M. J., Markert, M. n., Parvizi, J. n., Bleck, T. P., Hirsch, L. J., Westover, M. B.
  2020

- **Midline and Parasagittal Seizures are Rare in Adult Patients.** *Neurocritical care*
  Gururangan, K., Parvizi, J.
  2019

- **Brain Mechanisms of Arithmetic: A Crucial Role for Ventral Temporal Cortex**
  Pinheiro-Chagas, P., Daitch, A., Parvizi, J., Dehaene, S.
  SAGE PUBLICATIONS LTD.2019: 170–71

- **Intensity of affective experience is modulated by magnitude of intracranial electrical stimulation in human orbitofrontal, cingulate and insular cortices** *SOCIAL COGNITIVE AND AFFECTIVE NEUROSCIENCE*
  Yih, J., Beam, D. E., Fox, K. C. R., Parvizi, J.
  2019; 14 (4): 339–51
- **Temporal Dynamics and Response Modulation across the Human Visual System in a Spatial Attention Task An ECoG Study** *JOURNAL OF NEUROSCIENCE*
  Martin, A. B., Yang, X., Saalmann, Y. B., Wang, L., Shestyuk, A., Lin, J. J., Parvizi, J., Knight, R. T., Kastner, S.
  2019; 39 (2): 333-352
- **Electrical stimulation of the human claustrum.** *Epilepsy & behavior : E&B*
  Bickel, S. n., Parvizi, J. n.
  2019
- **A systematic study of stereotypy in epileptic seizures versus psychogenic seizure-like events** *EPILEPSY & BEHAVIOR*
  Vogrig, A., Hsiang, J., Ng, J., Rolnick, J., Cheng, J., Parvizi, J.
  2019; 90: 172-177
- **A systematic study of stereotypy in epileptic seizures versus psychogenic seizure-like events.** *Epilepsy & behavior : E&B*
  Vogrig, A., Hsiang, J. C., Ng, J., Rolnick, J., Cheng, J., Parvizi, J.
  2018; 90: 172–77
- **Brain Mechanisms of Arithmetic: A Crucial Role for Ventral Temporal Cortex** *JOURNAL OF COGNITIVE NEUROSCIENCE*
  Pinheiro-Chagas, P., Daitch, A., Parvizi, J., Dehaene, S.
  2018; 30 (12): 1757–72
- **Direct Cortical Recordings Suggest Temporal Order of Task-Evoked Responses in Human Dorsal Attention and Default Networks** *JOURNAL OF NEUROSCIENCE*
  Raccah, O., Daitch, A. L., Kucyi, A., Parvizi, J.
  2018; 38 (48): 10305-10313
- **Temporal dynamics and response modulation across the human visual system in a spatial attention task: an ECoG study.** *The Journal of neuroscience : the official journal of the Society for Neuroscience*
  Martin, A. B., Yang, X., Saalmann, Y. B., Wang, L., Shestyuk, A., Lin, J. J., Parvizi, J., Knight, R. T., Kastner, S.
  2018
- **Changes in subjective experience elicited by direct stimulation of the human orbitofrontal cortex** *NEUROLOGY*
  Fox, K. C. R., Yih, J., Raccah, O., Pendekanti, S. L., Limbach, L. E., Maydan, D. D., Parvizi, J.
  2018; 91 (16): E1519-1527
- **Direct Cortical Recordings Suggest Temporal Order of Task Evoked Responses in Human Dorsal Attention and Default Networks.** *The Journal of neuroscience : the official journal of the Society for Neuroscience*
  Raccah, O., Daitch, A. L., Kucyi, A., Parvizi, J.
  2018
- **Rapid Bedside Evaluation of Seizures in the ICU by Listening to the Sound of Brainwaves: A Prospective Observational Clinical Trial of Ceribell's Brain Stethoscope Function** *NEUROCRITICAL CARE*
  Hobbs, K., Krishnamohan, P., Legault, C., Goodman, S., Parvizi, J., Gururangan, K., Mlynash, M.
  2018; 29 (2): 302–12
- **Changes in subjective experience elicited by direct stimulation of the human orbitofrontal cortex.** *Neurology*
  Fox, K. C., Yih, J., Raccah, O., Pendekanti, S. L., Limbach, L. E., Maydan, D. D., Parvizi, J.
  2018
- **Neuronal Population Responses in the Human Ventral Temporal and Lateral Parietal Cortex during Arithmetic Processing with Digits and Number Words** *JOURNAL OF COGNITIVE NEUROSCIENCE*
  Baek, S., Daitch, A. L., Pinheiro-Chagas, P., Parvizi, J.
  2018; 30 (9): 1315-1322
- **Neural Mechanisms of Sustained Attention Are Rhythmic** *NEURON*
  Helfrich, R. F., Fiebelkorn, I. C., Szczepanski, S. M., Lin, J. J., Parvizi, J., Knight, R. T., Kastner, S.

2018; 99 (4): 854-+

- **Reappraising faces: effects on accountability appraisals, self-reported valence, and pupil diameter.** *Cognition & emotion*
  Yih, J., Sha, H., Beam, D. E., Parvizi, J., Gross, J. J.
  2018: 1–10

- **Neuronal Population Responses in the Human Ventral Temporal and Lateral Parietal Cortex during Arithmetic Processing with Digits and Number Words.** *Journal of cognitive neuroscience*
  Baek, S., Daitch, A. L., Pinheiro-Chagas, P., Parvizi, J.
  2018: 1–8

- **Rapid Bedside Evaluation of Seizures in the ICU by Listening to the Sound of Brainwaves: A Prospective Observational Clinical Trial of Ceribell's Brain Stethoscope Function.** *Neurocritical care*
  Hobbs, K., Krishnamohan, P., Legault, C., Goodman, S., Parvizi, J., Gururangan, K., Mlynash, M.
  2018

- **High-level visual manifestations of epileptic seizures originating from the medial parietal cortex.** *Epileptic disorders : international epilepsy journal with videotape*
  Pendekanti, S., Baek, S., Kilinc, Y. B., Parvizi, J.
  2018

- **High-level visual manifestations of epileptic seizures originating from the medial parietal cortex** *EPILEPTIC DISORDERS*
  Pendekanti, S., Baek, S., Kilinc, Y., Parvizi, J.
  2018; 20 (3): 200-203

- **Odor-elicited Oscillations in Human Piriform Cortex**
  Jiang, H., Schuele, S., Rosenow, J., Parvizi, J., Tao, J., Wu, S., Gottfried, J.
  OXFORD UNIV PRESS.2018: E66

- **Spatial and temporal heterogeneity of neural responses in human posteromedial cortex** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Daitch, A. L., Parvizi, J.
  2018; 115 (18): 4785–90

- **Intracranial Electrophysiology Reveals Reproducible Intrinsic Functional Connectivity within Human Brain Networks** *JOURNAL OF NEUROSCIENCE*
  Kucyi, A., Schrouff, J., Bickel, S., Foster, B. L., Shine, J. M., Parvizi, J.
  2018; 38 (17): 4230–42

- **Diagnostic utility of eight-channel EEG for detecting generalized or hemispheric seizures and rhythmic periodic patterns.** *Clinical neurophysiology practice*
  Gururangan, K., Razavi, B., Parvizi, J.
  2018; 3: 65-73

- **Detecting silent seizures by their sound.** *Epilepsia*
  Parvizi, J., Gururangan, K., Razavi, B., Chafe, C.
  2018

- **Memory, Numbers, and Action Decision in Human Posterior Parietal Cortex** *NEURON*
  Parvizi, J., Wagner, A. D.
  2018; 97 (1): 7–10

- **Detecting silent seizures by their sound** *Epilepsia*
  Parvizi, J., Gururangan, K., Razavi, B., Chafe, C.
  2018; 59 (4): 877-884

- **Diagnostic utility of eight-channel EEG for detecting generalized seizures** *Clinical Neurophysiology Practice*
  Gururangan, K., Razavi, B., Parvizi, J.
  2018; 3

- **Distinct Patterns of Temporal and Directional Connectivity among Intrinsic Networks in the Human Brain** *JOURNAL OF NEUROSCIENCE*

Shine, J. M., Kucyi, A., Foster, B. L., Bickel, S., Wang, D., Liu, H., Poldrack, R. A., Hsieh, L., Hsiang, J., Parvizi, J.
2017; 37 (40): 9667–74

- **Josef Parvizi** *NEURON*
  Parvizi, J.
  2017; 95 (1): 12–13
- **Spatiotemporal dynamics of word retrieval in speech production revealed by cortical high-frequency band activity.** *Proceedings of the National Academy of Sciences of the United States of America*
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