Mitchell Steinschneider

List of Publications by Year
in descending order

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72	4,038	136950	123424
papers	citations	32 h-index	61 g-index

76	76	76	2423
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Acoustic-level and language-specific processing of native and non-native phonological sequence onsets in the low gamma and theta-frequency bands. Scientific Reports, 2022, 12, 314.	3.3	4
2	Gamma Activation and Alpha Suppression within Human Auditory Cortex during a Speech Classification Task. Journal of Neuroscience, 2022, 42, 5034-5046.	3.6	7
3	Cortical responses to auditory novelty across task conditions: An intracranial electrophysiology study. Hearing Research, 2021, 399, 107911.	2.0	14
4	Electrophysiology of the Human Superior Temporal Sulcus during Speech Processing. Cerebral Cortex, 2021, 31, 1131-1148.	2.9	24
5	Common fronto-temporal effective connectivity in humans and monkeys. Neuron, 2021, 109, 852-868.e8.	8.1	28
6	Cortical Responses to Vowel Sequences in Awake and Anesthetized States: A Human Intracranial Electrophysiology Study. Cerebral Cortex, 2021, 31, 5435-5448.	2.9	7
7	Arousal State-Dependence of Interactions Between Short- and Long-Term Auditory Novelty Responses in Human Subjects. Frontiers in Human Neuroscience, 2021, 15, 737230.	2.0	5
8	A human amygdala site that inhibits respiration and elicits apnea in pediatric epilepsy. JCI Insight, 2020, 5, .	5.0	45
9	Differential responses to spectrally degraded speech within human auditory cortex: An intracranial electrophysiology study. Hearing Research, 2019, 371, 53-65.	2.0	20
10	Processing of auditory novelty across the cortical hierarchy: An intracranial electrophysiology study. NeuroImage, 2018, 183, 412-424.	4.2	35
11	Auditory Predictive Coding across Awareness States under Anesthesia: An Intracranial Electrophysiology Study. Journal of Neuroscience, 2018, 38, 8441-8452.	3.6	52
12	Electrocorticographic delineation of human auditory cortical fields based on effects of propofol anesthesia. NeuroImage, 2017, 152, 78-93.	4.2	21
13	Extended Clinical Spectrum of Antiâ€“ N -Methyl- d -Aspartate Receptor Encephalitis in Children: A Case Series. Pediatric Neurology, 2017, 72, 51-55.	2.1	32
14	A Crucial Test of the Population Separation Model of Auditory Stream Segregation in Macaque Primary Auditory Cortex. Journal of Neuroscience, 2017, 37, 10645-10655.	3.6	10
15	Language Experience with a Native-Language Phoneme Sequence Modulates the Effects of Attention on Cortical Sensory Processing. Frontiers in Neuroscience, 2017, 11, 569.	2.8	3
16	Electrocorticographic Activation within Human Auditory Cortex during Dialog-Based Language and Cognitive Testing. Frontiers in Human Neuroscience, 2016, 10, 202.	2.0	26
17	Representation of spectro-temporal features of spoken words within the P1-N1-P2 and T-complex of the auditory evoked potentials (AEP). Neuroscience Letters, 2016, 614, 119-126.	2.1	15
18	Intracranial Electrophysiology of Auditory Selective Attention Associated with Speech Classification Tasks. Frontiers in Human Neuroscience, 2016, 10, 691.	2.0	16

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19	Neural Representation of Concurrent Vowels in Macaque Primary Auditory Cortex. ENeuro, 2016, 3, ENEURO.0071-16.2016.	1.9	9
20	Advances in auditory neuroscience. International Journal of Psychophysiology, 2015, 95, 63-64.	1.0	1
21	Sound identification in human auditory cortex: Differential contribution of local field potentials and high gamma power as revealed by direct intracranial recordings. Brain and Language, 2015, 148, 37-50.	1.6	35
22	Modulation of response patterns in human auditory cortex during a target detection task: An intracranial electrophysiology study. International Journal of Psychophysiology, 2015, 95, 191-201.	1.0	25
23	Differential activation of human core, non-core and auditory-related cortex during speech categorization tasks as revealed by intracranial recordings. Frontiers in Neuroscience, 2014, 8, 240.	2.8	35
24	Functional organization of human auditory cortex: Investigation of response latencies through direct recordings. NeuroImage, 2014, 101, 598-609.	4.2	78
25	Spectral Organization of the Human Lateral Superior Temporal Gyrus Revealed by Intracranial Recordings. Cerebral Cortex, 2014, 24, 340-352.	2.9	47
26	Neuro-BehÃ§et Disease Presenting With Acute Psychosis in an Adolescent. Journal of Child Neurology, 2014, 29, NP86-NP91.	1.4	13
27	Neural Representation of Concurrent Harmonic Sounds in Monkey Primary Auditory Cortex: Implications for Models of Auditory Scene Analysis. Journal of Neuroscience, 2014, 34, 12425-12443.	3.6	20
28	Representation of speech in human auditory cortex: Is it special?. Hearing Research, 2013, 305, 57-73.	2.0	122
29	The effect of native-language experience on the sensory-obligatory components, the P1â€“N1â€“P2 and the T-complex. Brain Research, 2013, 1522, 31-37.	2.2	26
30	Neural Representation of Harmonic Complex Tones in Primary Auditory Cortex of the Awake Monkey. Journal of Neuroscience, 2013, 33, 10312-10323.	3.6	40
31	Phonemic Representations and Categories. Springer Handbook of Auditory Research, 2013, , 151-191.	0.7	8
32	Searching for the Mismatch Negativity in Primary Auditory Cortex of the Awake Monkey: Deviance Detection or Stimulus Specific Adaptation?. Journal of Neuroscience, 2012, 32, 15747-15758.	3.6	151
33	The phonotactic influence on the perception of a consonant cluster /pt/ by native English and native Polish listeners: A behavioral and event related potential (ERP) study. Brain and Language, 2012, 123, 30-41.	1.6	26
34	Neural mechanisms of rhythmic masking release in monkey primary auditory cortex: implications for models of auditory scene analysis. Journal of Neurophysiology, 2012, 107, 2366-2382.	1.8	22
35	Enhanced physiologic discriminability of stop consonants with prolonged formant transitions in awake monkeys based on the tonotopic organization of primary auditory cortex. Hearing Research, 2011, 271, 103-114.	2.0	14
36	Attention modifies sound level detection in young children. Developmental Cognitive Neuroscience, 2011, 1, 351-360.	4.0	18

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37	Unlocking the role of the superior temporal gyrus for speech sound categorization. Journal of Neurophysiology, 2011, 105, 2631-2633.	1.8	9
38	Intracranial Study of Speech-Elicited Activity on the Human Posterolateral Superior Temporal Gyrus. Cerebral Cortex, 2011, 21, 2332-2347.	2.9	91
39	Auditory Evoked Potentials and Their Utility in the Assessment of Complex Sound Processing. , 2011, , 535-559.		16
40	Formation of auditory streams. , 2010, , .		10
41	Neural Correlates of Auditory Scene Analysis Based on Inharmonicity in Monkey Primary Auditory Cortex. Journal of Neuroscience, 2010, 30, 12480-12494.	3.6	42
42	Coding of Repetitive Transients by Auditory Cortex on Heschl's Gyrus. Journal of Neurophysiology, 2009, 102, 2358-2374.	1.8	177
43	Attention effects on auditory scene analysis in children. Neuropsychologia, 2009, 47, 771-785.	1.6	83
44	Effects of musical training on sound pattern processing in high-school students. International Journal of Pediatric Otorhinolaryngology, 2009, 73, 751-755.	1.0	12
45	Temporally dynamic frequency tuning of population responses in monkey primary auditory cortex. Hearing Research, 2009, 254, 64-76.	2.0	48
46	Functional localization of auditory cortical fields of human: Click-train stimulation. Hearing Research, 2008, 238, 12-24.	2.0	63
47	Spectrotemporal Analysis of Evoked and Induced Electroencephalographic Responses in Primary Auditory Cortex (A1) of the Awake Monkey. Cerebral Cortex, 2008, 18, 610-625.	2.9	129
48	Spectral Resolution of Monkey Primary Auditory Cortex (A1) Revealed With Two-Noise Masking. Journal of Neurophysiology, 2006, 96, 1105-1115.	1.8	18
49	Sensorimotor performance in school-age children with autism, developmental language disorder, or low IQ. Developmental Medicine and Child Neurology, 2006, 48, 33.	2.1	71
50	Neurophysiological evidence for context-dependent encoding of sensory input in human auditory cortex. Brain Research, 2006, 1075, 165-174.	2.2	54
51	Auditory stream segregation in monkey auditory cortex: effects of frequency separation, presentation rate, and tone duration. Journal of the Acoustical Society of America, 2004, 116, 1656-1670.	1.1	172
52	Intracortical Responses in Human and Monkey Primary Auditory Cortex Support a Temporal Processing Mechanism for Encoding of the Voice Onset Time Phonetic Parameter. Cerebral Cortex, 2004, 15, 170-186.	2.9	104
53	Representation of the voice onset time (VOT) speech parameter in population responses within primary auditory cortex of the awake monkey. Journal of the Acoustical Society of America, 2003, 114, 307-321.	1.1	93
54	Neural correlates of auditory stream segregation in primary auditory cortex of the awake monkey. Hearing Research, 2001, 151, 167-187.	2.0	244

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55	Consonance and Dissonance of Musical Chords: Neural Correlates in Auditory Cortex of Monkeys and Humans. Journal of Neurophysiology, 2001, 86, 2761-2788.	1.8	162
56	Complex tone processing in primary auditory cortex of the awake monkey. II. Pitch versus critical band representation. Journal of the Acoustical Society of America, 2000, 108, 247-262.	1.1	48
57	Complex tone processing in primary auditory cortex of the awake monkey. I. Neural ensemble correlates of roughness. Journal of the Acoustical Society of America, 2000, 108, 235-246.	1.1	47
58	Temporal Encoding of the Voice Onset Time Phonetic Parameter by Field Potentials Recorded Directly From Human Auditory Cortex. Journal of Neurophysiology, 1999, 82, 2346-2357.	1.8	176
59	Pitch vs. spectral encoding of harmonic complex tones in primary auditory cortex of the awake monkey. Brain Research, 1998, 786, 18-30.	2.2	59
60	Click train encoding in primary auditory cortex of the awake monkey: Evidence for two mechanisms subserving pitch perception. Journal of the Acoustical Society of America, 1998, 104, 2935-2955.	1.1	132
61	Rate encoding of binaurally alternating lowâ€frequency tone bursts in macaque A1. Journal of the Acoustical Society of America, 1997, 101, 3123-3123.	1.1	0
62	Tonotopic organization of responses reflecting stop consonant place of articulation in primary auditory cortex (A1) of the monkey. Brain Research, 1995, 674, 147-152.	2.2	58
63	Detection of stimulus deviance within primate primary auditory cortex: intracortical mechanisms of mismatch negativity (MMN) generation. Brain Research, 1994, 667, 192-200.	2.2	199
64	Speech-evoked activity in primary auditory cortex: effects of voice onset time. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1994, 92, 30-43.	2.0	111
65	Identifying complex features of febrile seizures: Medical record review versus medical record plus interview. Journal of Epilepsy, 1993, 6, 133-138.	0.4	5
66	Classification of Complex Features of Febrile Seizures: Interrater Agreement. Epilepsia, 1992, 33, 661-666.	5.1	23
67	Cellular generators of the cortical auditory evoked potential initial component. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1992, 84, 196-200.	2.0	121
68	Demonstration of mismatch negativity in the monkey. Electroencephalography and Clinical Neurophysiology, 1992, 83, 87-90.	0.3	155
69	Tonotopic features of speech-evoked activity in primate auditory cortex. Brain Research, 1990, 519, 158-168.	2.2	47
70	Lymphoma with primary cardiac manifestations. American Heart Journal, 1986, 111, 808-811.	2.7	18
71	Speech evoked activity in the auditory radiations and cortex of the awake monkey. Brain Research, 1982, 252, 353-365.	2.2	114
72	Phase-locked cortical responses to a human speech sound and low-frequency tones in the monkey. Brain Research, 1980, 198, 75-84.	2.2	71