Rick L Jenison

List of Publications by Year
in descending order

41 papers	1,210 citations	361413 20 h-index	377865 34 g-index
43 all docs	43 docs citations	43 times ranked	1218 citing authors

#	Article	IF	Citations
1	Presence as Being-in-the-World. Presence: Teleoperators and Virtual Environments, 1998, 7, 78-89.	0.6	271
2	Value Encoding in Single Neurons in the Human Amygdala during Decision Making. Journal of Neuroscience, 2011, 31, 331-338.	3.6	118
3	Coding of repetitive transients by auditory cortex on posterolateral superior temporal gyrus in humans: an intracranial electrophysiology study. Journal of Neurophysiology, 2013, 109, 1283-1295.	1.8	61
4	Does Grammar Constrain Statistical Learning?. Psychological Science, 2007, 18, 922-923.	3.3	50
5	Auditory Space-Time Receptive Field Dynamics Revealed by Spherical White-Noise Analysis. Journal of Neuroscience, 2001, 21, 4408-4415.	3.6	47
6	Listening Through Different Ears Alters Spatial Response Fields in Ferret Primary Auditory Cortex. Journal of Neurophysiology, 2001, 86, 1043-1046.	1.8	45
7	Effects of glide slope, noise intensity, and noise duration on the extrapolation of FM glides through noise. Perception & Psychophysics, 1992, 51, 231-238.	2.3	38
8	On Acoustic Information for Motion. Ecological Psychology, 1997, 9, 131-151.	1.1	35
9	Stress-Induced Impairment of a Working Memory Task: Role of Spiking Rate and Spiking History Predicted Discharge. PLoS Computational Biology, 2012, 8, e1002681.	3.2	34
10	Directional Sensitivity of Neurons in the Primary Auditory (AI) Cortex: Effects of Sound-Source Intensity Level. Journal of Neurophysiology, 2003, 89, 1024-1038.	1.8	33
11	The combination of echolocation emission and ear reception enhances directional spectral cues of the big brown bat, Eptesicus fuscus. Journal of the Acoustical Society of America, 1997, 101, 1723-1733.	1.1	32
12	Common fronto-temporal effective connectivity in humans and monkeys. Neuron, 2021, 109, 852-868.e8.	8.1	28
13	Auditory Cortical Spatial Receptive Fields. Audiology and Neuro-Otology, 2001, 6, 173-177.	1.3	27
14	A composite model of the auditory periphery for the processing of speech based on the filter response functions of single auditoryâ€nerve fibers. Journal of the Acoustical Society of America, 1991, 90, 773-786.	1.1	26
15	The Shape of Neural Dependence. Neural Computation, 2004, 16, 665-672.	2.2	26
16	Decoding first-spike latency: A likelihood approach. Neurocomputing, 2001, 38-40, 239-248.	5.9	25
17	Auditory space expansion via linear filtering. Journal of the Acoustical Society of America, 1991, 90, 231-240.	1.1	24
18	Correlated cortical populations can enhance sound localization performance. Journal of the Acoustical Society of America, 2000, 107, 414-421.	1.1	24

#	Article	IF	Citations
19	Decision making: effects of methylphenidate on temporal discounting in nonhuman primates. Journal of Neurophysiology, 2015, 114, 70-79.	1.8	24
20	Changes in Endogenous Dopamine Induced by Methylphenidate Predict Functional Connectivity in Nonhuman Primates. Journal of Neuroscience, 2019, 39, 1436-1444.	3.6	24
21	A Spherical Basis Function Neural Network for Modeling Auditory Space. Neural Computation, 1996, 8, 115-128.	2.2	22
22	Modeling of Auditory Spatial Receptive Fields With Spherical Approximation Functions. Journal of Neurophysiology, 1998, 80, 2645-2656.	1.8	20
23	A signal detection theory analysis of an unconscious perception effect. Perception & Psychophysics, 1999, 61, 986-992.	2.3	20
24	Directional Influence between the Human Amygdala and Orbitofrontal Cortex at the Time of Decision-Making. PLoS ONE, 2014, 9, e109689.	2.5	18
25	The temporal growth and decay of the auditory motion aftereffect. Journal of the Acoustical Society of America, 2004, 115, 3112-3123.	1.1	17
26	The effect of trajectory on the auditory motion aftereffect. Hearing Research, 2003, 180, 57-66.	2.0	16
27	Two systems drive attention to rewards. Frontiers in Psychology, 2014, 5, 46.	2.1	15
28	Evaluation of Three Strategies for Fitting Hearing Aids Binaurally. Ear and Hearing, 1991, 12, 205-215.	2.1	12
29	A backpropagation network model of the monaural localization information available in the bat echolocation system. Journal of the Acoustical Society of America, 1997, 101, 2964-2972.	1.1	11
30	Real-Time Contrast Enhancement to Improve Speech Recognition. PLoS ONE, 2011, 6, e24630.	2.5	11
31	Sparse Spectro-Temporal Receptive Fields Based on Multi-Unit and High-Gamma Responses in Human Auditory Cortex. PLoS ONE, 2015, 10, e0137915.	2.5	10
32	Perception of voicing for syllableâ€initial stops at different intensities: Does synchrony capture signal voiceless stop consonants?. Journal of the Acoustical Society of America, 1995, 97, 2552-2567.	1.1	9
33	Methylphenidate affects task-switching and neural signaling in non-human primates. Psychopharmacology, 2020, 237, 1533-1543.	3.1	9
34	Models of Direction Estimation with Spherical-Function Approximated Cortical Receptive Fields. , 1998, , 161-174.		8
35	A spherical basis function neural network for approximating acoustic scatter. Journal of the Acoustical Society of America, 1996, 99, 3242-3245.	1.1	7
36	Neural correlate of auditory spatial attention allocation in the superior colliculus. Journal of Neurophysiology, 2018, 119, 1450-1460.	1.8	4

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37	Likelihood approaches to sensory coding in auditory cortex. Network: Computation in Neural Systems, 2003, 14, 83-102.	3.6	4
38	Act globally, think locally. Behavioral and Brain Sciences, 2001, 24, 231-232.	0.7	2
39	The Copula Approach to Characterizing Dependence Structure in Neural Populations. Chinese Journal of Physiology, 2010, 53, 373-381.	1.0	1
40	Dependent multivariate diffusion models and related point process models of ensemble spiking neurons. BMC Neuroscience, 2007, 8, .	1.9	0
41	A window to the amygdala: concurrent encoding of choice preference in multi-unit activity in the amygdala and in eye movements. BMC Neuroscience, 2011, 12, .	1.9	0