Judith C Peters

List of Publications by Year
in descending order

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37 papers	2,216 citations	411340 20 h-index	406436 35 g-index
40 all docs	40 docs citations	40 times ranked	3511 citing authors

#	Article	IF	Citations
1	Human Hippocampal Neurons Track Moments in a Sequence of Events. Journal of Neuroscience, 2021, 41, 6714-6725.	1.7	28
2	Cortical Synchrony as a Mechanism of Collinear Facilitation and Suppression in Early Visual Cortex. Frontiers in Systems Neuroscience, 2021, 15, 670702.	1.2	1
3	Theta-phase dependent neuronal coding during sequence learning in human single neurons. Nature Communications, 2021, 12, 4839.	5.8	32
4	Somatotopic mapping of the human breast using 7â€T functional MRI. NeuroImage, 2020, 204, 116201.	2.1	2
5	Combining Gamma With Alpha and Beta Power Modulation for Enhanced Cortical Mapping in Patients With Focal Epilepsy. Frontiers in Human Neuroscience, 2020, 14, 555054.	1.0	2
6	Editorial: The Embodied Brain: Computational Mechanisms of Integrated Sensorimotor Interactions With a Dynamic Environment. Frontiers in Computational Neuroscience, 2020, 14, 53.	1.2	1
7	Concurrent human TMS-EEG-fMRI enables monitoring of oscillatory brain state-dependent gating of cortico-subcortical network activity. Communications Biology, 2020, 3, 40.	2.0	46
8	An Image Registration-Based Method forÂEPIÂDistortion Correction Based onÂOpposite Phase Encoding (COPE). Lecture Notes in Computer Science, 2020, , 122-130.	1.0	12
9	Frequency-specific attentional modulation in human primary auditory cortex and midbrain. NeuroImage, 2018, 174, 274-287.	2.1	11
10	When the Brain Takes â€˜BOLDâ€™ Steps: Real-Time fMRI Neurofeedback Can Further Enhance the Ability to Gradually Self-regulate Regional Brain Activation. Neuroscience, 2018, 378, 71-88.	1.1	42
11	From coarse to fine: Interactive feature processing precedes local feature analysis in human face perception. Biological Psychology, 2018, 138, 1-10.	1.1	12
12	Frequency-Selective Attention in Auditory Scenes Recruits Frequency Representations Throughout Human Superior Temporal Cortex. Cerebral Cortex, 2017, 27, bhw160.	1.6	35
13	Characterizing object- and position-dependent response profiles to uni- and bilateral stimulus configurations in human higher visual cortex: a 7T fMRI study. NeuroImage, 2017, 152, 551-562.	2.1	5
14	Proficient use of low spatial frequencies facilitates face memory but shows protracted maturation throughout adolescence. Acta Psychologica, 2017, 179, 61-67.	0.7	2
15	Facial expressions perceived by the adolescent brain: Towards the proficient use of low spatial frequency information. Biological Psychology, 2017, 129, 1-7.	1.1	7
16	Spatial Frequency Training Modulates Neural Face Processing: Learning Transfers from Low- to High-Level Visual Features. Frontiers in Human Neuroscience, 2017, 11, 1.	1.0	341
17	Editorial: Integrating Computational and Neural Findings in Visual Object Perception. Frontiers in Computational Neuroscience, 2016, 10, 36.	1.2	0
18	The Effects of Context and Attention on Spiking Activity in Human Early Visual Cortex. PLoS Biology, 2016, 14, e1002420.	2.6	74

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19	Learning of anticipatory responses in single neurons of the human medial temporal lobe. Nature Communications, 2015, 6, 8556.	5.8	48
20	Neural processing of high and low spatial frequency information in faces changes across development: qualitative changes in face processing during adolescence. European Journal of Neuroscience, 2013, 37, 1448-1457.	1.2	21
21	On the feasibility of concurrent human TMS-EEG-fMRI measurements. Journal of Neurophysiology, 2013, 109, 1214-1227.	0.9	34
22	Task-Relevant and Accessory Items in Working Memory Have Opposite Effects on Activity in Extrastriate Cortex. Journal of Neuroscience, 2012, 32, 17003-17011.	1.7	37
23	Modeling invariant object processing based on tight integration of simulated and empirical data in a Common Brain Space. Frontiers in Computational Neuroscience, 2012, 6, 12.	1.2	5
24	Peripheral and Central Inputs Shape Network Dynamics in the Developing Visual Cortex InÂVivo. Current Biology, 2012, 22, 253-258.	1.8	138
25	Different states in visual working memory: when it guides attention and when it does not. Trends in Cognitive Sciences, 2011, 15, 327-34.	4.0	494
26	From Coarse to Fine? Spatial and Temporal Dynamics of Cortical Face Processing. Cerebral Cortex, 2011, 21, 467-476.	1.6	131
27	Postscript: Split spatial attention? The data remain difficult to interpret.. Psychological Review, 2010, 117, 682-684.	2.7	7
28	Visual spatial attention to multiple locations at once: The jury is still out.. Psychological Review, 2010, 117, 637-682.	2.7	121
29	Dynamic brightness induction in V1: Analyzing simulated and empirically acquired fMRI data in a â€œcommon brain spaceâ€•framework. NeuroImage, 2010, 52, 973-984.	2.1	8
30	Remembered but Unused: The Accessory Items in Working Memory that Do Not Guide Attention. Journal of Cognitive Neuroscience, 2009, 21, 1081-1091.	1.1	62
31	Abnormal face identity coding in the middle fusiform gyrus of two brain-damaged prosopagnosic patients. Neuropsychologia, 2009, 47, 2584-2592.	0.7	51
32	The limits of top-down control of visual attention. Acta Psychologica, 2009, 132, 201-212.	0.7	72
33	Novelty and target processing during an auditory novelty oddball: A simultaneous event-related potential and functional magnetic resonance imaging study. NeuroImage, 2008, 40, 869-883.	2.1	83
34	Improved quality of auditory event-related potentials recorded simultaneously with 3-T fMRI: Removal of the ballistocardiogram artefact. NeuroImage, 2007, 34, 587-597.	2.1	183
35	Nonvisual Motor Learning Influences Abstract Action Observation. Current Biology, 2007, 17, 1201-1207.	1.8	33
36	Monitoring metrical stress in polysyllabic words. Language and Cognitive Processes, 2006, 21, 112-140.	2.3	32

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37	Theta-Phase Dependent Neuronal Coding During Sequence Learning in Human Single Neurons. SSRN Electronic Journal, 0, , .	0.4	0