Giuseppe Pellizzer

List of Publications by Year
in descending order

55 papers	1,892 citations	430754 18 h-index	289141 40 g-index
58 all docs	58 docs citations	58 times ranked	1823 citing authors

#	Article	IF	Citations
1	Beta-Band Activity during Motor Planning Reflects Response Uncertainty. Journal of Neuroscience, 2010, 30, 11270-11277.	1.7	289
2	Motor Cortical Encoding of Serial Order in a Context-Recall Task. Science, 1999, 283, 1752-1757.	6.0	197
3	Common processing constraints for visuomotor and visual mental rotations. Experimental Brain Research, 1993, 93, 165-72.	0.7	112
4	Functional magnetic resonance imaging of mental rotation and memory scanning: a multidimensional scaling analysis of brain activation patterns1Published on the World Wide Web on 24 February 1998.1. Brain Research Reviews, 1998, 26, 106-112.	9.1	112
5	Three-dimensional drawings in isometric conditions: relation between geometry and kinematics. Experimental Brain Research, 1992, 88, 685-90.	0.7	106
6	Motor cortical activity in a context-recall task. Science, 1995, 269, 702-705.	6.0	96
7	Motor cortical activity preceding a memorized movement trajectory with an orthogonal bend. Experimental Brain Research, 1993, 95, 118-30.	0.7	93
8	Expressed Emotion and First-Admission Schizophrenia. British Journal of Psychiatry, 1990, 156, 357-362.	1.7	83
9	Brain oscillatory activity during motor preparation: effect of directional uncertainty on beta, but not alpha, frequency band. Frontiers in Neuroscience, 2015, 9, 246.	1.4	78
10	Neural coding of finger and wrist movements. Journal of Computational Neuroscience, 1999, 6, 279-288.	0.6	74
11	High Accuracy Decoding of Movement Target Direction in Non-Human Primates Based on Common Spatial Patterns of Local Field Potentials. PLoS ONE, 2010, 5, e14384.	1.1	72
12	Mental Rotation of the Intended Direction of Movement. Current Directions in Psychological Science, 1993, 2, 12-17.	2.8	71
13	The mental and the neural: Psychological and neural studies of mental rotation and memory scanning. Neuropsychologia, 1995, 33, 1531-1547.	0.7	61
14	Visuo-manual Aiming Movements in 6- to 10-Year-Old Children: Evidence for an Asymmetric and Asynchronous Development of Information Processes. Brain and Cognition, 1996, 30, 175-193.	0.8	57
15	Motor planning: effect of directional uncertainty with discrete spatial cues. Experimental Brain Research, 2003, 150, 276-289.	0.7	31
16	The Degree of Modulation of Beta Band Activity During Motor Planning Is Related to Trait Impulsivity. Frontiers in Integrative Neuroscience, 2019, 13, 1.	1.0	31
17	Classification of schizophrenia with spectro-temporo-spatial MEG patterns in working memory. Clinical Neurophysiology, 2009, 120, 1123-1134.	0.7	24
18	Selection of spectro-temporal patterns in multichannel MEG with support vector machines for schizophrenia classification. , 2008, 2008, 3554-7.		23

#	Article	IF	Citations
19	Three-dimensional drawings in isometric conditions: planar segmentation of force trajectory. Experimental Brain Research, 1992, 92, 326-37.	0.7	21
20	Power Modulations of ECoG Alpha/Beta and Gamma Bands Correlate With Time-Derivative of Force During Hand Grasp. Frontiers in Neuroscience, 2020, 14, 100.	1.4	21
21	Encoding of Serial Order in Working Memory: Neuronal Activity in Motor, Premotor, and Prefrontal Cortex during a Memory Scanning Task. Journal of Neuroscience, 2018, 38, 4912-4933.	1.7	20
22	Response selection in schizophrenia. Experimental Brain Research, 2007, 180, 705-714.	0.7	18
23	Characterization of Hand Clenching in Human Sensorimotor Cortex Using High-, and Ultra-High Frequency Band Modulations of Electrocorticogram. Frontiers in Neuroscience, 2018, 12, 110.	1.4	18
24	Motor planning: effect of directional uncertainty with continuous spatial cues. Experimental Brain Research, 2004, 154, 121-126.	0.7	16
25	Computerized binary scale of auditory speech hallucinations (cbSASH). Schizophrenia Research, 2006, 88, 73-81.	1.1	16
26	The dynamic architecture of working memory in schizophrenia. Schizophrenia Research, 2007, 92, 160-167.	1.1	16
27	Temporospatial Characterization of Brain Oscillations (TSCBO) Associated with Subprocesses of Verbal Working Memory in Schizophrenia. Clinical EEG and Neuroscience, 2008, 39, 194-202.	0.9	15
28	Empirical evaluation of language disorder in schizophrenia. Journal of Psychiatry and Neuroscience, 2007, 32, 250-8.	1.4	14
29	Hypothesis regarding the transformation of the intended direction of movement during the production of graphic trajectories: A study of drawing movements in 8- to 12-year-old children. Cortex, 2009, 45, 356-367.	1.1	12
30	Movement direction decoding with spatial patterns of local field potentials. , 2009, , .		11
31	Asymmetric learning transfer between imagined viewer- and object-rotations: Evidence of a hierarchical organization of spatial reference frames. Brain and Cognition, 2009, 71, 272-278.	0.8	10
32	Intercepting real and path-guided apparent motion targets. Experimental Brain Research, 1996, 110, 298-307.	0.7	9
33	Transformation of the intended direction of movement during continuous motor trajectories. NeuroReport, 1997, 8, 3447-3452.	0.6	9
34	Time robust movement direction decoding in Local Field Potentials using channel ranking. , 2010, 2010, 4825-8.		8
35	Block design enhances classification of 3D reach targets from electroencephalographic signals. Neuroscience, 2016, 329, 201-212.	1.1	6
36	Impulsivity modulates performance under response uncertainty in a reaching task. Experimental Brain Research, 2013, 225, 227-235.	0.7	5

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37	Mental transformations in the motor cortex. Cognitive Brain Research, 1996, 5, 123-130.	3.3	4
38	Time-dependent effects of discrete spatial cues on the planning of directed movements. Experimental Brain Research, 2006, 172, 22-34.	0.7	4
39	Schizophrenia Classification using Working Memory MEG ERD/ERS Patterns. , 2007, , .		4
40	A Subspace Approach to Learning Recurrent Features From Brain Activity. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2011, 19, 240-248.	2.7	4
41	Overcoming Long-Term Variability in Local Field Potentials Using an Adaptive Decoder. IEEE Transactions on Biomedical Engineering, 2017, 64, 319-328.	2.5	4
42	Viewer and object mental rotation in young adults with psychotic disorders. Schizophrenia Research, 2022, 240, 92-102.	1.1	4
43	Drawing under visuomotor incongruence. Experimental Brain Research, 1999, 125, 115-121.	0.7	3
44	Overcoming measurement time variability in brain machine interface. , 2009, 2009, 3134-7.		3
45	Robust movement direction decoders from local field potentials using spatio-temporal qualitative patterns. , 2012, 2012, 4623-6.		3
46	Neural Encoding of the Reliability of Directional Information During the Preparation of Targeted Movements. Frontiers in Neuroscience, 2021, 15, 679408.	1.4	1
47	Family expressed emotion and outcome of schizophrenics: a study in a French cultural environment. Swiss Archives of Neurology, Psychiatry and Psychotherapy, 1988, 139, 27-34.	0.2	1
48	Pointing of lateralized targets in adults. Behavioural Brain Research, 1987, 26, 232-232.	1.2	0
49	Representations of movement and representations in movement. Behavioral and Brain Sciences, 1994, 17, 216-217.	0.4	0
50	Spatial proximity based subspace decomposition for movement direction decoding of Local Field Potentials. , 2009, , .		0
51	Movement direction decoding of local field potentials using time-evolving spatial patterns. , 2011, , .		0
52	Using topographical channel distribution to decode movement directions from Local Field Potentials. , 2011, , .		0
53	Source localization techniques for direction decoding from local field potentials. , 2013, 2013, 838-41.		0
54	Power Modulations of Gamma Band in Sensorimotor Cortex Correlate with Time-Derivative of Grasp Force in Human Subjects. Springer Briefs in Electrical and Computer Engineering, 2021, , 89-102.	0.3	0

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55	Changing the intended direction of movement. , 1996, , 321-330.		0