

Ioannis Delis

List of Publications by Year in descending order

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23
papers

779
citations

623574

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times ranked

749
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurocomputational mechanisms underlying cross-modal associations and their influence on perceptual decisions. <i>NeuroImage</i> , 2022, 247, 118841.	2.1	5
2	Neural Encoding of Active Multi-Sensing Enhances Perceptual Decision-Making via a Synergistic Cross-Modal Interaction. <i>Journal of Neuroscience</i> , 2022, 42, 2344-2355.	1.7	11
3	A network information theoretic framework to characterise muscle synergies in space and time. <i>Journal of Neural Engineering</i> , 2022, 19, 016031.	1.8	5
4	Auditory information enhances post-sensory visual evidence during rapid multisensory decision-making. <i>Nature Communications</i> , 2020, 11, 5440.	5.8	22
5	Alteration of muscle synergy structure while walking under increased postural constraints. <i>Cognitive Computation and Systems</i> , 2020, 2, 50-56.	0.8	11
6	Optimality and Modularity in Human Movement: From Optimal Control to Muscle Synergies. Springer Tracts in Advanced Robotics, 2019, , 105-133.	0.3	20
7	Correlation of neural activity with behavioral kinematics reveals distinct sensory encoding and evidence accumulation processes during active tactile sensing. <i>NeuroImage</i> , 2018, 175, 12-21.	2.1	19
8	Characterization of whole-body muscle activity during reaching movements using space-by-time modularity and functional similarity analysis. , 2018, , .		1
9	Deciphering the functional role of spatial and temporal muscle synergies in whole-body movements. <i>Scientific Reports</i> , 2018, 8, 8391.	1.6	34
10	Space-by-Time Modular Decomposition Effectively Describes Whole-Body Muscle Activity During Upright Reaching in Various Directions. <i>Frontiers in Computational Neuroscience</i> , 2018, 12, 20.	1.2	22
11	Biofeedback Signals for Robotic Rehabilitation: Assessment of Wrist Muscle Activation Patterns in Healthy Humans. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2017, 25, 883-892.	2.7	19
12	Space-by-Time Tensor Decomposition for Single-Trial Analysis of Neural Signals. Springer INdAM Series, 2017, , 223-237.	0.4	1
13	Space-by-time manifold representation of dynamic facial expressions for emotion categorization. <i>Journal of Vision</i> , 2016, 16, 14.	0.1	24
14	Using Matrix and Tensor Factorizations for the Single-Trial Analysis of Population Spike Trains. <i>PLoS Computational Biology</i> , 2016, 12, e1005189.	1.5	48
15	Space-by-time decomposition for single-trial decoding of M/EEG activity. <i>NeuroImage</i> , 2016, 133, 504-515.	2.1	18
16	Four not six: Revealing culturally common facial expressions of emotion.. <i>Journal of Experimental Psychology: General</i> , 2016, 145, 708-730.	1.5	158
17	Task-discriminative space-by-time factorization of muscle activity. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 399.	1.0	23
18	A unifying model of concurrent spatial and temporal modularity in muscle activity. <i>Journal of Neurophysiology</i> , 2014, 111, 675-693.	0.9	80

#	ARTICLE	IF	CITATIONS
19	Quantitative evaluation of muscle synergy models: a single-trial task decoding approach. <i>Frontiers in Computational Neuroscience</i> , 2013, 7, 8.	1.2	61
20	Investigating reduction of dimensionality during single-joint elbow movements: a case study on muscle synergies. <i>Frontiers in Computational Neuroscience</i> , 2013, 7, 11.	1.2	39
21	Muscle synergies in neuroscience and robotics: from input-space to task-space perspectives. <i>Frontiers in Computational Neuroscience</i> , 2013, 7, 43.	1.2	112
22	A methodology for assessing the effect of correlations among muscle synergy activations on task-discriminating information. <i>Frontiers in Computational Neuroscience</i> , 2013, 7, 54.	1.2	31
23	On the Origins of Modularity in Motor Control. <i>Journal of Neuroscience</i> , 2010, 30, 7451-7452.	1.7	9