

Vassilis Athitsos

List of Publications by Year in descending order

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35
papers

1,307
citations

840776

11
h-index

839539

18
g-index

35
all docs

35
docs citations

35
times ranked

1196
citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey on GAN-Based Data Augmentation for Hand Pose Estimation Problem. Technologies, 2022, 10, 43.	5.1	5
2	Enhanced CycleGAN Dehazing Network. , 2021, , .		1
3	Cognitive Analysis of Working Memory Load from Eeg, by a Deep Recurrent Neural Network. , 2018, , .		65
4	Principal motion components for one-shot gesture recognition. Pattern Analysis and Applications, 2017, 20, 167-182.	4.6	28
5	A Survey on Sign Language Recognition Using Smartphones. , 2017, , .		21
6	Local frame match distance: A novel approach for exemplar gesture recognition. , 2017, , .		1
7	Challenges in Multi-modal Gesture Recognition. The Springer Series on Challenges in Machine Learning, 2017, , 1-60.	10.4	22
8	Leveraging intra-class variations to improve large vocabulary gesture recognition. , 2016, , .		1
9	Selective unsupervised feature learning with Convolutional Neural Network (S-CNN). , 2016, , .		10
10	Query-sensitive distance measure selection for time series nearest neighbor classification. Intelligent Data Analysis, 2016, 20, 5-27.	0.9	5
11	Evaluation of Deep Learning based Pose Estimation for Sign Language Recognition. , 2016, , .		35
12	Embedding-based subsequence matching with gapsâ€“rangeâ€“tolerances: a Query-By-Humming application. VLDB Journal, 2015, 24, 519-536.	4.1	6
13	DRESS: dimensionality reduction for efficient sequence search. Data Mining and Knowledge Discovery, 2015, 29, 1280-1311.	3.7	0
14	Non-invasive analysis of sleep patterns via multimodal sensor input. Personal and Ubiquitous Computing, 2014, 18, 19-26.	2.8	44
15	The ChaLearn gesture dataset (CGD 2011). Machine Vision and Applications, 2014, 25, 1929-1951.	2.7	80
16	Computer aided rehabilitation for patients with rheumatoid arthritis. , 2013, , .		10
17	Multi-modal gesture recognition challenge 2013. , 2013, , .		125
18	ChaLearn multi-modal gesture recognition 2013. , 2013, , .		38

#	ARTICLE	IF	CITATIONS
19	The Move-Split-Merge Metric for Time Series. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 1425-1438.	5.7	114
20	Hum-a-song. Proceedings of the VLDB Endowment, 2012, 5, 1930-1933.	3.8	3
21	ChaLearn gesture challenge: Design and first results. , 2012, , .		63
22	Boosted ranking models: a unifying framework for ranking predictions. Knowledge and Information Systems, 2012, 30, 543-568.	3.2	7
23	Embedding-based subsequence matching in time-series databases. ACM Transactions on Database Systems, 2011, 36, 1-39.	2.8	61
24	A database-based framework for gesture recognition. Personal and Ubiquitous Computing, 2010, 14, 511-526.	2.8	21
25	Reducing JointBoost-based multiclass classification to proximity search. , 2009, , .		4
26	A Unified Framework for Gesture Recognition and Spatiotemporal Gesture Segmentation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2009, 31, 1685-1699.	13.9	293
27	Reference-based alignment in large sequence databases. Proceedings of the VLDB Endowment, 2009, 2, 205-216.	3.8	13
28	Reducing JointBoost-based multiclass classification to proximity search. , 2009, , .		2
29	BoostMap: An Embedding Method for Efficient Nearest Neighbor Retrieval. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2008, 30, 89-104.	13.9	72
30	Detecting Objects of Variable Shape Structure With Hidden State Shape Models. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2008, 30, 477-492.	13.9	25
31	Nearest Neighbor Retrieval Using Distance-Based Hashing. , 2008, , .		65
32	Approximate embedding-based subsequence matching of time series. , 2008, , .		50
33	Tracking with Dynamic Hidden-State Shape Models. Lecture Notes in Computer Science, 2008, , 643-656.	1.3	2
34	Query-sensitive embeddings. ACM Transactions on Database Systems, 2007, 32, 8.	2.8	9
35	ClassMap: Efficient Multiclass Recognition via Embeddings. , 2007, , .		6