

# Vassilis Athitsos

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12060728/publications.pdf>

Version: 2024-02-01

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 Unified Framework for Gesture Recognition and Spatiotemporal Gesture Segmentation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2009, 31, 1685-1699.	13.9	293
2	Multi-modal gesture recognition challenge 2013. , 2013, , .		125
3	The Move-Split-Merge Metric for Time Series. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 1425-1438.	5.7	114
4	The ChaLearn gesture dataset (CGD 2011). Machine Vision and Applications, 2014, 25, 1929-1951.	2.7	80
5	BoostMap: An Embedding Method for Efficient Nearest Neighbor Retrieval. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2008, 30, 89-104.	13.9	72
6	Nearest Neighbor Retrieval Using Distance-Based Hashing. , 2008, , .		65
7	Cognitive Analysis of Working Memory Load from Eeg, by a Deep Recurrent Neural Network. , 2018, , .		65
8	ChaLearn gesture challenge: Design and first results. , 2012, , .		63
9	Embedding-based subsequence matching in time-series databases. ACM Transactions on Database Systems, 2011, 36, 1-39.	2.8	61
10	Approximate embedding-based subsequence matching of time series. , 2008, , .		50
11	Non-invasive analysis of sleep patterns via multimodal sensor input. Personal and Ubiquitous Computing, 2014, 18, 19-26.	2.8	44
12	ChaLearn multi-modal gesture recognition 2013. , 2013, , .		38
13	Evaluation of Deep Learning based Pose Estimation for Sign Language Recognition. , 2016, , .		35
14	Principal motion components for one-shot gesture recognition. Pattern Analysis and Applications, 2017, 20, 167-182.	4.6	28
15	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
16	Challenges in Multi-modal Gesture Recognition. The Springer Series on Challenges in Machine Learning, 2017, , 1-60.	10.4	22
17	A database-based framework for gesture recognition. Personal and Ubiquitous Computing, 2010, 14, 511-526.	2.8	21
18	A Survey on Sign Language Recognition Using Smartphones. , 2017, , .		21

#	ARTICLE	IF	CITATIONS
19	Reference-based alignment in large sequence databases. Proceedings of the VLDB Endowment, 2009, 2, 205-216.	3.8	13
20	Computer aided rehabilitation for patients with rheumatoid arthritis. , 2013, , .		10
21	Selective unsupervised feature learning with Convolutional Neural Network (S-CNN). , 2016, , .		10
22	Query-sensitive embeddings. ACM Transactions on Database Systems, 2007, 32, 8.	2.8	9
23	Boosted ranking models: a unifying framework for ranking predictions. Knowledge and Information Systems, 2012, 30, 543-568.	3.2	7
24	ClassMap: Efficient Multiclass Recognition via Embeddings. , 2007, , .		6
25	Embedding-based subsequence matching with gapsâ€“rangeâ€“tolerances: a Query-By-Humming application. VLDB Journal, 2015, 24, 519-536.	4.1	6
26	Query-sensitive distance measure selection for time series nearest neighbor classification. Intelligent Data Analysis, 2016, 20, 5-27.	0.9	5
27	A Survey on GAN-Based Data Augmentation for Hand Pose Estimation Problem. Technologies, 2022, 10, 43.	5.1	5
28	Reducing JointBoost-based multiclass classification to proximity search. , 2009, , .		4
29	Hum-a-song. Proceedings of the VLDB Endowment, 2012, 5, 1930-1933.	3.8	3
30	Tracking with Dynamic Hidden-State Shape Models. Lecture Notes in Computer Science, 2008, , 643-656.	1.3	2
31	Reducing JointBoost-based multiclass classification to proximity search. , 2009, , .		2
32	Leveraging intra-class variations to improve large vocabulary gesture recognition. , 2016, , .		1
33	Local frame match distance: A novel approach for exemplar gesture recognition. , 2017, , .		1
34	Enhanced CycleGAN Dehazing Network. , 2021, , .		1
35	DRESS: dimensionality reduction for efficient sequence search. Data Mining and Knowledge Discovery, 2015, 29, 1280-1311.	3.7	0