Hao Ni

List of Publications by Year
in descending order

25	321	1684188 5	996975 15
papers	citations	h-index	g-index
26	26	26	389
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Path Signature Neural Network of Cortical Features for Prediction of Infant Cognitive Scores. IEEE Transactions on Medical Imaging, 2022, 41, 1665-1676.	8.9	5
2	Expected signature of stopped Brownian motion on d-dimensional C2,-domains has finite radius of convergence everywhere: 2â€¯â‰¤â€¯dâ€¯â‰¤â€¯8. Journal of Functional Analysis, 2022, 282, 109447.	1.4	2
3	Towards fast weak adversarial training to solve high dimensional parabolic partial differential equations using XNODE-WAN. Journal of Computational Physics, 2022, 463, 111233.	3.8	2
4	A simple spatial extension to the extended connectivity interaction features for binding affinity prediction. Royal Society Open Science, 2022, 9, 211745.	2.4	2
5	Signature features with the visibility transformation. , 2021, , .		0
6	Learning Infant Brain Developmental Connectivity for Cognitive Score Prediction. Lecture Notes in Computer Science, 2021, , 228-237.	1.3	1
7	É›-Strong Simulation of Fractional Brownian Motion and Related Stochastic Differential Equations. Mathematics of Operations Research, 2021, 46, 559-594.	1.3	3
8	The expected signature of Brownian motion stopped on the boundary of a circle has finite radius of convergence. Bulletin of the London Mathematical Society, 2021, 53, 285-299.	0.8	5
9	Simultaneous left atrium anatomy and scar segmentations via deep learning in multiview information with attention. Future Generation Computer Systems, 2020, 107, 215-228.	7.5	73
10	Siamese Verification Framework for Autism Identification During Infancy Using Cortical Path Signature Features. , 2020, 2020, .		3
11	Infant Cognitive Scores Prediction with Multi-stream Attention-Based Temporal Path Signature Features. Lecture Notes in Computer Science, 2020, 12267, 134-144.	1.3	3
12	An efficient representation of chronological events in medical texts. , 2020, , .		4
13	Learning Spatial-Semantic Context with Fully Convolutional Recurrent Network for Online Handwritten Chinese Text Recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 1903-1917.	13.9	77
14	A Path Signature Approach to Online Arabic Handwriting Recognition. , 2018, , .		10
15	Multiview Sequential Learning and Dilated Residual Learning for a Fully Automatic Delineation of the Left Atrium and Pulmonary Veins from Late Gadolinium-Enhanced Cardiac MRI Images. , 2018, 2018, 1123-1127.		12
16	Super-multiplicativity and a lower bound for the decay of the signature of a path of finite length. Comptes Rendus Mathematique, 2018, 356, 720-724.	0.3	4
17	Multiview Two-Task Recursive Attention Model for Left Atrium and Atrial Scars Segmentation. Lecture Notes in Computer Science, 2018, , 455-463.	1.3	23
18	Signature inversion for monotone paths. Electronic Communications in Probability, 2017, 22, .	0.4	2

#	Article	IF	Citations
19	Rotation-free online handwritten character recognition using dyadic path signature features, hanging normalization, and deep neural network. , 2016, , .		6
20	Concentration and exact convergence rates for expected Brownian signatures. Electronic Communications in Probability, 2015, 20, .	0.4	1
21	Expected signature of Brownian motion up to the first exit time from a bounded domain. Annals of Probability, 2015, 43, .	1.8	11
22	A feature set for streams and an application to high-frequency financial tick data. , 2014, , .		18
23	Uniqueness of signature for simple curves. Journal of Functional Analysis, 2014, 267, 1778-1806.	1.4	8
24	Conditional Sig-Wasserstein GANs for Time Series Generation. SSRN Electronic Journal, 0, , .	0.4	40
25	A Path Signature Approach for Speech Emotion Recognition. , 0, , .		6