

Xiaoke Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

402
citations

1162367

8
h-index

887659

17
g-index

29
all docs

29
docs citations

29
times ranked

306
citing authors

#	ARTICLE	IF	CITATIONS
1	From sparse to dense functional data and beyond. <i>Annals of Statistics</i> , 2016, 44, .	1.4	119
2	Spontaneous Neural Fluctuations Predict Decisions to Attend. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 2578-2584.	1.1	44
3	Time-Varying Additive Models for Longitudinal Data. <i>Journal of the American Statistical Association</i> , 2013, 108, 983-998.	1.8	39
4	Quantifying Infinite-Dimensional Data: Functional Data Analysis in Action. <i>Statistics in Biosciences</i> , 2017, 9, 582-604.	0.6	27
5	Varying-coefficient additive models for functional data. <i>Biometrika</i> , 2015, 102, 15-32.	1.3	19
6	A Physics-based Virtual Reality Simulation Framework for Neonatal Endotracheal Intubation. , 2020, , .		16
7	Understanding the liver under heat stress with statistical learning: an integrated metabolomics and transcriptomics computational approach. <i>BMC Genomics</i> , 2019, 20, 502.	1.2	15
8	Optimal weighting schemes for longitudinal and functional data. <i>Statistics and Probability Letters</i> , 2018, 138, 165-170.	0.4	14
9	Understanding Differences in Types of Opioid Prescriptions Across Time and Space: A Community-Level Analysis. <i>Journal of Drug Issues</i> , 2019, 49, 405-418.	0.6	11
10	Region of interest selection for functional features. <i>Neurocomputing</i> , 2021, 422, 235-244.	3.5	11
11	An Intelligent Augmented Reality Training Framework for Neonatal Endotracheal Intubation. , 2020, 2020, 672-681.		11
12	Nonparametric operator-regularized covariance function estimation for functional data. <i>Computational Statistics and Data Analysis</i> , 2019, 131, 131-144.	0.7	8
13	3D Shape-Based Body Composition Inference Model Using a Bayesian Network. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020, 24, 205-213.	3.9	8
14	A Physics-based Virtual Reality Simulation Framework for Neonatal Endotracheal Intubation. , 2020, 2020, 557-565.		8
15	A Novel Hybrid Model for Visceral Adipose Tissue Prediction using Shape Descriptors. , 2019, 2019, 1729-1732.		7
16	Low-Rank Covariance Function Estimation for Multidimensional Functional Data. <i>Journal of the American Statistical Association</i> , 2020, , 1-14.	1.8	7
17	The Development of a BMI-Guided Shape Morphing Technique and the Effects of an Individualized Figure Rating Scale on Self-Perception of Body Size. <i>European Journal of Investigation in Health, Psychology and Education</i> , 2020, 10, 579-594.	1.1	7
18	Automated Assessment System for Neonatal Endotracheal Intubation Using Dilated Convolutional Neural Network. , 2020, 2020, 5455-5458.		5

#	ARTICLE	IF	CITATIONS
19	Identifying mechanisms of regulation to model carbon flux during heat stress and generate testable hypotheses. PLoS ONE, 2018, 13, e0205824.	1.1	4
20	Automated Assessment of Neonatal Endotracheal Intubation Measured by a Virtual Reality Simulation System. , 2020, 2020, 2429-2433.		4
21	A new approach to varying-coefficient additive models with longitudinal covariates. Computational Statistics and Data Analysis, 2020, 145, 106912.	0.7	4
22	Pixel-wise body composition prediction with a multi-task conditional generative adversarial network. Journal of Biomedical Informatics, 2021, 120, 103866.	2.5	3
23	Covariate balancing functional propensity score for functional treatments in cross-sectional observational studies. Computational Statistics and Data Analysis, 2021, 163, 107303.	0.7	3
24	A Wavelet-Based Independence Test for Functional Data With an Application to MEG Functional Connectivity. Journal of the American Statistical Association, 2023, 118, 1876-1889.	1.8	3
25	S2FLNet: Hepatic steatosis detection network with body shape. Computers in Biology and Medicine, 2022, 140, 105088.	3.9	2
26	Automated Assessment System with Cross Reality for Neonatal Endotracheal Intubation Training. , 2020, 2020, 738-739.		1
27	Large sample properties of a new measure of income inequality. Statistics and Probability Letters, 2019, 145, 50-56.	0.4	0
28	An Intelligent Augmented Reality Training Framework for Neonatal Endotracheal Intubation. Proceedings - International Symposium on Mixed and Augmented Reality, ISMAR, 2020, 2020, 672-681.	0.0	0