

# Xiaoke Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

402  
citations

1163117

8  
h-index

888059

17  
g-index

29  
all docs

29  
docs citations

29  
times ranked

306  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Wavelet-Based Independence Test for Functional Data With an Application to MEG Functional Connectivity. <i>Journal of the American Statistical Association</i> , 2023, 118, 1876-1889.	3.1	3
2	S2FLNet: Hepatic steatosis detection network with body shape. <i>Computers in Biology and Medicine</i> , 2022, 140, 105088.	7.0	2
3	Region of interest selection for functional features. <i>Neurocomputing</i> , 2021, 422, 235-244.	5.9	11
4	Pixel-wise body composition prediction with a multi-task conditional generative adversarial network. <i>Journal of Biomedical Informatics</i> , 2021, 120, 103866.	4.3	3
5	Covariate balancing functional propensity score for functional treatments in cross-sectional observational studies. <i>Computational Statistics and Data Analysis</i> , 2021, 163, 107303.	1.2	3
6	3D Shape-Based Body Composition Inference Model Using a Bayesian Network. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020, 24, 205-213.	6.3	8
7	Automated Assessment of Neonatal Endotracheal Intubation Measured by a Virtual Reality Simulation System. , 2020, 2020, 2429-2433.		4
8	Automated Assessment System with Cross Reality for Neonatal Endotracheal Intubation Training. , 2020, 2020, 738-739.		1
9	A Physics-based Virtual Reality Simulation Framework for Neonatal Endotracheal Intubation. , 2020, , .		16
10	Automated Assessment System for Neonatal Endotracheal Intubation Using Dilated Convolutional Neural Network. , 2020, 2020, 5455-5458.		5
11	Low-Rank Covariance Function Estimation for Multidimensional Functional Data. <i>Journal of the American Statistical Association</i> , 2020, , 1-14.	3.1	7
12	A new approach to varying-coefficient additive models with longitudinal covariates. <i>Computational Statistics and Data Analysis</i> , 2020, 145, 106912.	1.2	4
13	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.	1.9	7
14	A Physics-based Virtual Reality Simulation Framework for Neonatal Endotracheal Intubation. , 2020, 2020, 557-565.		8
15	An Intelligent Augmented Reality Training Framework for Neonatal Endotracheal Intubation. <i>Proceedings - International Symposium on Mixed and Augmented Reality, ISMAR</i> , 2020, 2020, 672-681.	0.0	0
16	An Intelligent Augmented Reality Training Framework for Neonatal Endotracheal Intubation. , 2020, 2020, 672-681.		11
17	Nonparametric operator-regularized covariance function estimation for functional data. <i>Computational Statistics and Data Analysis</i> , 2019, 131, 131-144.	1.2	8
18	Understanding the liver under heat stress with statistical learning: an integrated metabolomics and transcriptomics computational approach. <i>BMC Genomics</i> , 2019, 20, 502.	2.8	15

#	ARTICLE	IF	CITATIONS
19	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.	1.2	11
20	A Novel Hybrid Model for Visceral Adipose Tissue Prediction using Shape Descriptors. , 2019, 2019, 1729-1732.		7
21	Large sample properties of a new measure of income inequality. <i>Statistics and Probability Letters</i> , 2019, 145, 50-56.	0.7	0
22	Optimal weighting schemes for longitudinal and functional data. <i>Statistics and Probability Letters</i> , 2018, 138, 165-170.	0.7	14
23	Identifying mechanisms of regulation to model carbon flux during heat stress and generate testable hypotheses. <i>PLoS ONE</i> , 2018, 13, e0205824.	2.5	4
24	Quantifying Infinite-Dimensional Data: Functional Data Analysis in Action. <i>Statistics in Biosciences</i> , 2017, 9, 582-604.	1.2	27
25	From sparse to dense functional data and beyond. <i>Annals of Statistics</i> , 2016, 44, .	2.6	119
26	Varying-coefficient additive models for functional data. <i>Biometrika</i> , 2015, 102, 15-32.	2.4	19
27	Spontaneous Neural Fluctuations Predict Decisions to Attend. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 2578-2584.	2.3	44
28	Time-Varying Additive Models for Longitudinal Data. <i>Journal of the American Statistical Association</i> , 2013, 108, 983-998.	3.1	39