Anuj Srivastava

List of Publications by Year in descending order

205 papers	5,926 citations	109264 35 h-index	95218 68 g-index
221 all docs	221 docs citations	221 times ranked	3154 citing authors

#	Article	IF	Citations
1	Shape Analysis of Elastic Curves in Euclidean Spaces. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2011, 33, 1415-1428.	9.7	475
2	Analysis of planar shapes using geodesic paths on shape spaces. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2004, 26, 372-383.	9.7	383
3	3D Face Recognition under Expressions, Occlusions, and Pose Variations. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2013, 35, 2270-2283.	9.7	317
4	Statistical Computations on Grassmann and Stiefel Manifolds for Image and Video-Based Recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2011, 33, 2273-2286.	9.7	295
5	Three-Dimensional Face Recognition Using Shapes of Facial Curves. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2006, 28, 1858-1863.	9.7	252
6	Functional and Shape Data Analysis. Springer Series in Statistics, 2016, , .	0.9	204
7	On Shape of Plane Elastic Curves. International Journal of Computer Vision, 2007, 73, 307-324.	10.9	170
8	Action Recognition Using Rate-Invariant Analysis of Skeletal Shape Trajectories. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 1-13.	9.7	158
9	A Novel Representation for Riemannian Analysis of Elastic Curves in Rn. , 2007, 2007, 1-7.		154
10	Accurate 3D action recognition using learning on the Grassmann manifold. Pattern Recognition, 2015, 48, 556-567.	5.1	152
11	Generative models for functional data using phase and amplitude separation. Computational Statistics and Data Analysis, 2013, 61, 50-66.	0.7	123
12	Riemannian Analysis of Probability Density Functions with Applications in Vision. , 2007, , .		111
13	Functional Data Analysis of Amplitude and Phase Variation. Statistical Science, 2015, 30, .	1.6	105
14	Rate-Invariant Recognition of Humans and Their Activities. IEEE Transactions on Image Processing, 2009, 18, 1326-1339.	6.0	89
15	Statistical analysis of trajectories on Riemannian manifolds: Bird migration, hurricane tracking and video surveillance. Annals of Applied Statistics, 2014, 8, .	0.5	89
16	Bayesian and geometric subspace tracking. Advances in Applied Probability, 2004, 36, 43-56.	0.4	82
17	Statistical Modeling of Curves Using Shapes and Related Features. Journal of the American Statistical Association, 2012, 107, 1152-1165.	1.8	81
18	An Intrinsic Framework for Analysis of Facial Surfaces. International Journal of Computer Vision, 2009, 82, 80-95.	10.9	77

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19	Optimal linear representations of images for object recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2004, 26, 662-666.	9.7	73
20	Elastic Geodesic Paths in Shape Space of Parameterized Surfaces. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2012, 34, 1717-1730.	9.7	73
21	Parameterization-Invariant Shape Comparisons of Anatomical Surfaces. IEEE Transactions on Medical Imaging, 2011, 30, 849-858.	5.4	72
22	Boosting 3-D-Geometric Features for Efficient Face Recognition and Gender Classification. IEEE Transactions on Information Forensics and Security, 2012, 7, 1766-1779.	4.5	71
23	Shape analysis of local facial patches for 3D facial expression recognition. Pattern Recognition, 2011, 44, 1581-1589.	5.1	68
24	Mapping population-based structural connectomes. NeuroImage, 2018, 172, 130-145.	2.1	66
25	Silhouette-based gesture and action recognition via modeling trajectories on Riemannian shape manifolds. Computer Vision and Image Understanding, 2011, 115, 439-455.	3.0	65
26	4-D Facial Expression Recognition by Learning Geometric Deformations. IEEE Transactions on Cybernetics, 2014, 44, 2443-2457.	6.2	63
27	A Gradient-Descent Method for Curve Fitting on Riemannian Manifolds. Foundations of Computational Mathematics, 2012, 12, 49-73.	1.5	57
28	Landmark-free statistical analysis of the shape of plant leaves. Journal of Theoretical Biology, 2014, 363, 41-52.	0.8	55
29	Landmarkâ€Guided Elastic Shape Analysis of Sphericallyâ€Parameterized Surfaces. Computer Graphics Forum, 2013, 32, 429-438.	1.8	54
30	Elastic functional coding of human actions: From vector-fields to latent variables. , 2015, , .		54
31	Elastic Shape Matching of Parameterized Surfaces Using Square Root Normal Fields. Lecture Notes in Computer Science, 2012, , 804-817.	1.0	53
32	Fitting smoothing splines to time-indexed, noisy points on nonlinear manifolds. Image and Vision Computing, 2012, 30, 428-442.	2.7	52
33	A novel riemannian framework for shape analysis of 3D objects. , 2010, , .		48
34	Removing Shape-Preserving Transformations in Square-Root Elastic (SRE) Framework for Shape Analysis of Curves. Lecture Notes in Computer Science, 2007, 4679, 387-398.	1.0	47
35	A Riemannian Elastic Metric for Shape-Based Plant Leaf Classification. , 2012, , .		46
36	Bayesian and geometric subspace tracking. Advances in Applied Probability, 2004, 36, 43-56.	0.4	43

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37	Geodesics Between 3D Closed Curves Using Path-Straightening. Lecture Notes in Computer Science, 2006, , 95-106.	1.0	43
38	Elastic Functional Coding of Riemannian Trajectories. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 922-936.	9.7	41
39	Looking for Shapes in Two-Dimensional Cluttered Point Clouds. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2009, 31, 1616-1629.	9.7	40
40	Numerical Inversion of SRNF Maps for Elastic Shape Analysis of Genus-Zero Surfaces. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 2451-2464.	9.7	40
41	A Pattern-Theoretic Characterization of Biological Growth. IEEE Transactions on Medical Imaging, 2007, 26, 648-659.	5.4	38
42	A Mathematical Framework for Protein Structure Comparison. PLoS Computational Biology, 2011, 7, e1001075.	1.5	37
43	2D Affine and Projective Shape Analysis. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2014, 36, 998-1011.	9.7	36
44	Pose and Expression-Invariant 3D Face Recognition using Elastic Radial Curves. , 2010, , .		35
45	Jump–diffusion Markov processes on orthogonal groups for object pose estimation. Journal of Statistical Planning and Inference, 2002, 103, 15-37.	0.4	34
46	An information-geometric framework for statistical inferences in the neural spike train space. Journal of Computational Neuroscience, 2011, 31, 725-748.	0.6	34
47	Are generalized spillover indices overstating connectedness?. Economics Letters, 2018, 173, 131-134.	0.9	34
48	Bayesian Estimation of Three-Dimensional Chromosomal Structure from Single-Cell Hi-C Data. Journal of Computational Biology, 2019, 26, 1191-1202.	0.8	34
49	A Riemannian analysis of 3D nose shapes for partial human biometrics. , 2009, , .		30
50	On advances in differential-geometric approaches for 2D and 3D shape analyses and activity recognition. Image and Vision Computing, 2012, 30, 398-416.	2.7	29
51	Local 3D Shape Analysis for Facial Expression Recognition. , 2010, , .		27
52	Gaussian Blurring-Invariant Comparison of Signals and Images. IEEE Transactions on Image Processing, 2013, 22, 3145-3157.	6.0	27
53	Rate-Invariant Analysis of Trajectories on Riemannian Manifolds with Application in Visual Speech Recognition. , 2014, , .		24
54	Statistics of time warpings and phase variations. Electronic Journal of Statistics, 2014, 8, .	0.4	24

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55	Bayesian clustering of shapes of curves. Journal of Statistical Planning and Inference, 2015, 166, 171-186.	0.4	24
56	Parameterization-Invariant Shape Statistics and Probabilistic Classification of Anatomical Surfaces. Lecture Notes in Computer Science, 2011, 22, 147-158.	1.0	24
57	Tools for application-driven linear dimension reduction. Neurocomputing, 2005, 67, 136-160.	3.5	23
58	Elastic Shape Analysis of Cylindrical Surfaces for 3D/2D Registration in Endometrial Tissue Characterization. IEEE Transactions on Medical Imaging, 2014, 33, 1035-1043.	5.4	23
59	Intrinsic Bayesian Active Contours for Extraction of Object Boundaries in Images. International Journal of Computer Vision, 2009, 81, 331-355.	10.9	22
60	Parallel Transport of Deformations in Shape Space of Elastic Surfaces. , 2013, , .		22
61	Riemannian Optimization for Registration of Curves in Elastic Shape Analysis. Journal of Mathematical Imaging and Vision, 2016, 54, 320-343.	0.8	22
62	Spherical Regression Models Using Projective Linear Transformations. Journal of the American Statistical Association, 2014, 109, 1615-1624.	1.8	21
63	Analyzing Dynamical Brain Functional Connectivity as Trajectories on Space of Covariance Matrices. IEEE Transactions on Medical Imaging, 2020, 39, 611-620.	5.4	21
64	Statistical analysis of manual segmentations of structures in medical images. Computer Vision and Image Understanding, 2013, 117, 1036-1050.	3.0	20
65	Elastic Shape Analysis of Three-Dimensional Objects. Synthesis Lectures on Computer Vision, 2017, 7, 1-185.	0.4	20
66	An efficient particle filtering technique on the Grassmann manifold. , 2010, , .		17
67	A comprehensive riemannian framework for the analysis of white matter fiber tracts. , 2010, , .		17
68	Gauge Invariant Framework for Shape Analysis of Surfaces. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 46-59.	9.7	17
69	Rate-Invariant Analysis of Covariance Trajectories. Journal of Mathematical Imaging and Vision, 2018, 60, 1306-1323.	0.8	17
70	Gait-Based Human Recognition by Classification of Cyclostationary Processes on Nonlinear Shape Manifolds. Journal of the American Statistical Association, 2007, 102, 1114-1124.	1.8	16
71	Phase-Amplitude Separation and Modeling of Spherical Trajectories. Journal of Computational and Graphical Statistics, 2018, 27, 85-97.	0.9	16
72	Shape Preserving Incremental Learning for Power Systems Fault Detection. , 2019, 3, 85-90.		16

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73	Detection, classification and estimation of individual shapes in 2D and 3D point clouds. Computational Statistics and Data Analysis, 2013, 58, 227-241.	0.7	15
74	Analysis of spike train data: Alignment and comparisons using the extended Fisher-Rao metric. Electronic Journal of Statistics, 2014, 8, .	0.4	15
75	Protein structure alignment using elastic shape analysis. , 2010, , .		14
76	Affine-invariant, elastic shape analysis of planar contours. , 2012, , .		14
77	RNA global alignment in the joint sequence–structure space using elastic shape analysis. Nucleic Acids Research, 2013, 41, e114-e114.	6.5	14
78	Segmentation, alignment and statistical analysis of biosignals with application to disease classification. Journal of Applied Statistics, 2013, 40, 1270-1288.	0.6	14
79	Statistical shape analysis of simplified neuronal trees. Annals of Applied Statistics, 2018, 12, .	0.5	14
80	Analysis of proteomics data: Phase amplitude separation using an extended Fisher-Rao metric. Electronic Journal of Statistics, 2014, 8, .	0.4	12
81	Discovering common change-point patterns in functional connectivity across subjects. Medical Image Analysis, 2019, 58, 101532.	7.0	12
82	Analysis of AneuRisk65 data: Elastic shape registration of curves. Electronic Journal of Statistics, 2014, 8, .	0.4	11
83	Transmission dynamics and forecasts of the COVID-19 pandemic in Mexico, March-December 2020. PLoS ONE, 2021, 16, e0254826.	1.1	11
84	Numerical Inversion of SRNFs for Efficient Elastic Shape Analysis of Star-Shaped Objects. Lecture Notes in Computer Science, 2014, , 485-499.	1.0	11
85	Estimating summary statistics in the spike-train space. Journal of Computational Neuroscience, 2013, 34, 391-410.	0.6	10
86	Elastic shapes models for improving segmentation of object boundaries in synthetic aperture sonar images. Computer Vision and Image Understanding, 2013, 117, 1695-1710.	3.0	10
87	Clustering Household Electrical Load Profiles Using Elastic Shape Analysis. , 2019, , .		10
88	Towards statistical summaries of spike train data. Journal of Neuroscience Methods, 2011, 195, 107-110.	1.3	9
89	Surface Shape Morphometry for Hippocampal Modeling in Alzheimer's Disease. , 2016, , .		9
90	Underwater Minefield Detection in Clutter Data Using Spatial Point-Process Models. IEEE Journal of Oceanic Engineering, 2016, 41, 670-681.	2.1	9

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91	Statistical Analysis on Manifolds and Its Applications to Video Analysis. Studies in Computational Intelligence, 2010, , 115-144.	0.7	9
92	An experimental illustration of 3D facial shape analysis under facial expressions. Annales Des Telecommunications/Annals of Telecommunications, 2009, 64, 369-379.	1.6	8
93	Geodesic shape distance and integral invariant shape features for automatic target recognition. , 2010, , .		8
94	A novel Riemannian metric for analyzing HARDI data. Proceedings of SPIE, 2011, , .	0.8	8
95	Blurring-invariant Riemannian metrics for comparing signals and images. , 2011, , .		8
96	Geometric based 3D facial gender classification. , 2012, , .		8
97	Introduction to neural spike train data for phase-amplitude analysis. Electronic Journal of Statistics, 2014, 8, .	0.4	8
98	Analysis of Signals Under Compositional Noise With Applications to SONAR Data. IEEE Journal of Oceanic Engineering, 2014, 39, 318-330.	2.1	8
99	Elastic functional principal component regression. Statistical Analysis and Data Mining, 2019, 12, 101-115.	1.4	8
100	Statistical analysis and modeling of the geometry and topology of plant roots. Journal of Theoretical Biology, 2020, 486, 110108.	0.8	8
101	An investigation of spatial-temporal patterns and predictions of the coronavirus 2019 pandemic in Colombia, 2020â€"2021. PLoS Neglected Tropical Diseases, 2022, 16, e0010228.	1.3	8
102	Bayesian Active Contours with Affine-Invariant, Elastic Shape Prior. , 2014, , .		7
103	RASS: a web server for RNA alignment in the joint sequence-structure space. Nucleic Acids Research, 2014, 42, W377-W381.	6.5	7
104	Pairwise alignment of chromatograms using an extended Fisherâ€"Rao metric. Analytica Chimica Acta, 2014, 841, 10-16.	2.6	7
105	Temporal Alignment Improves Feature Quality: An Experiment on Activity Recognition with Accelerometer Data. , 2018, , .		7
106	Welcome to Riemannian Computing in Computer Vision. , 2016, , 1-18.		7
107	Nasal Region Contribution in 3D Face Biometrics Using Shape Analysis Framework. Lecture Notes in Computer Science, 2009, , 357-366.	1.0	7
108	Fusion of Global and Local Motion Estimation Using Foreground Objects for Distributed Video Coding. IEEE Transactions on Circuits and Systems for Video Technology, 2015, 25, 973-987.	5.6	6

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109	Spatially Coherent Interpretations of Videos Using Pattern Theory. International Journal of Computer Vision, 2017, 121, 5-25.	10.9	6
110	Robust Comparison of Kernel Densities on Spherical Domains. Sankhya A, 2019, 81, 144-171.	0.4	6
111	Representations, Metrics and Statistics for Shape Analysis of Elastic Graphs. , 2020, , .		6
112	Modeling Shape Dynamics During Cell Motility in Microscopy Videos. , 2020, , .		6
113	A Framework of Calculus on Facial Surfaces. , 2007, , .		5
114	Temporally coherent interpretations for long videos using pattern theory. , 2015, , .		5
115	Testing Stationarity of Brain Functional Connectivity Using Change-Point Detection in fMRI Data. , 2016, , .		5
116	A Quotient Space Formulation for Generative Statistical Analysis of Graphical Data. Journal of Mathematical Imaging and Vision, 2021, 63, 735-752.	0.8	5
117	Contour Inferences for Image Understanding. International Journal of Computer Vision, 2006, 69, 137-144.	10.9	4
118	Optimal linear projections for enhancing desired data statistics. Statistics and Computing, 2010, 20, 267-282.	0.8	4
119	Guest Editors' Introduction to the Special Section on Shape Analysis and Its Applications in Image Understanding. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2010, 32, 577-578.	9.7	4
120	Structure-based RNA Function Prediction Using Elastic Shape Analysis. , 2011, , .		4
121	A geometric analysis of ODFs as oriented surfaces for interpolation, averaging and denoising in HARDI data. , 2012, , .		4
122	Elastic symmetry analysis of anatomical structures. , 2012, , .		4
123	Handwritten Text Segmentation Using Elastic Shape Analysis. , 2014, , .		4
124	Differential geometric representations and algorithms for some pattern recognition and computer vision problems. Pattern Recognition Letters, 2014, 43, 3-16.	2.6	4
125	Toward a Three-Dimensional Chromosome Shape Alphabet. Journal of Computational Biology, 2021, 28, 601-618.	0.8	4
126	Generation of 3D Canonical Anatomical Models: An Experience on Carpal Bones. Lecture Notes in Computer Science, 2015, , 167-174.	1.0	4

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127	Shape Analysis of Functional Data with Elastic Partial Matching. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, PP, 1-1.	9.7	4
128	Classification of mathematics deficiency using shape and scale analysis of 3D brain structures. Proceedings of SPIE, 2011, , .	0.8	3
129	Estimation of a mean template from spike-train data. , 2012, 2012, 1323-6.		3
130	An efficient multiple protein structure comparison method and its application to structure clustering and outlier detection. , 2013, , .		3
131	Pattern Theory-Based Interpretation of Activities. , 2014, , .		3
132	Pattern theory for representation and inference of semantic structures in videos. Pattern Recognition Letters, 2016, 72, 41-51.	2.6	3
133	Bayesian Tractography Using Geometric Shape Priors. Frontiers in Neuroscience, 2017, 11, 483.	1.4	3
134	Elastic Handling of Predictor Phase in Functional Regression Models. , 2018, , .		3
135	Video-Based Action Recognition Using Dimension Reduction of Deep Covariance Trajectories. , 2019, , .		3
136	A Framework for Interpretable Full-Body Kinematic Description Using Geometric and Functional Analysis. IEEE Transactions on Biomedical Engineering, 2020, 67, 1761-1774.	2.5	3
137	Regression models using shapes of functions as predictors. Computational Statistics and Data Analysis, 2020, 151, 107017.	0.7	3
138	Geometric Analysis of Axonal Tree Structures. , 2015, , .		3
139	A Novel Framework for Metric-Based Image Registration. Lecture Notes in Computer Science, 2012, , 276-285.	1.0	3
140	Geo-FARM: Geodesic Factor Regression Model for Misaligned Pre-shape Responses in Statistical Shape Analysis. , 2021, , .		3
141	Joint shape and texture analysis of objects boundaries in images using a Riemannian approach. , 2008, , .		2
142	Detection of Shapes in 2D Point Clouds Generated from Images. , 2010, , .		2
143	Statistical analysis and classification of acoustic color functions. , 2011, , .		2
144	Statistical shape models of plant leaves. , 2013, , .		2

#	Article	IF	Citations
145	Analysis of juggling data: Alignment, extraction, and modeling of juggling cycles. Electronic Journal of Statistics, 2014, 8, .	0.4	2
146	A two-sample test for statistical comparisons of shape populations. , 2016, , .		2
147	Shape-Constrained and Unconstrained Density Estimation Using Geometric Exploration. , 2018, , .		2
148	SrvfRegNet: Elastic Function Registration Using Deep Neural Networks. , 2021, , .		2
149	Elastic Shape Analysis of Planar Objects Using Tensor Field Representations. Journal of Mathematical Imaging and Vision, 2021, 63, 1204-1221.	0.8	2
150	Intensity Estimation for Poisson Process With Compositional Noise. Frontiers in Applied Mathematics and Statistics, 2021, 7, .	0.7	2
151	Discovering Change-Point Patterns in Dynamic Functional Brain Connectivity of a Population. Lecture Notes in Computer Science, 2017, , 361-372.	1.0	2
152	Exact Function Alignment Under Elastic Riemannian Metric. Lecture Notes in Computer Science, 2017, , 137-151.	1.0	2
153	SUPIR: Surface Uncertainty-Penalized, Non-rigid Image Registration for Pelvic CT Imaging. Lecture Notes in Computer Science, 2012, , 236-245.	1.0	2
154	Shape Estimation and Object Classification in Images Using Geometric Priors. , 2006, , .		1
155	Modeling spatial patterns of shapes. , 2008, 2008, 1144-1147.		1
156	Joint Gait-Cadence Analysis for Human Identification Using an Elastic Shape Framework. Communications in Statistics - Theory and Methods, 2010, 39, 1817-1831.	0.6	1
157	A joint model for boundaries of multiple anatomical parts. , 2011, , .		1
158	Analysis of signals under compositional noise with applications to SONAR data. , 2012, , .		1
159	Which 3D geometric facial features give up your identity?. , 2012, , .		1
160	Morphological changes in the corpus callosum: a study using joint Riemannian feature spaces. , 2013, , .		1
161	3. Image registration using phaseâ€"amplitude separation. , 2016, , 84-107.		1
162	Norm-preserving constraint in the Fisherâ€"Rao registration and its application in signal estimation. Journal of Nonparametric Statistics, 2016, 28, 338-359.	0.4	1

#	Article	IF	Citations
163	Estimation of linear target-layer trajectories using cluttered point cloud data. Computational Statistics and Data Analysis, 2016, 102, 1-22.	0.7	1
164	An elastic functional data analysis framework for preoperative evaluation of patients with Rheumatoid Arthritis. , 2016, , .		1
165	Bayesian shape-constrained density estimation. Quarterly of Applied Mathematics, 2019, 77, 399-422.	0.5	1
166	Modality-Constrained Density Estimation via Deformable Templates. Technometrics, 2021, 63, 536-547.	1.3	1
167	Statistical Comparisons Of Chromosomal Shape Populations. , 2021, 2021, 788-791.		1
168	Elastic statistical analysis of interval-valued time series. Journal of Applied Statistics, 2023, 50, 60-85.	0.6	1
169	Nonparametric <i>k</i>-Sample Test on Shape Spaces with Applications to Mitochondrial Shape Analysis. Journal of the Royal Statistical Society Series C: Applied Statistics, 2022, 71, 51-69.	0.5	1
170	Statistical Shape Analysis. , 2014, , 760-770.		1
171	Bayesian Shape Clustering. , 2015, , 57-75.		1
172	WE-E-213CD-05: A Non-Rigid Image Registration Algorithm That Accommodates Organ Segmentation Error. Medical Physics, 2012, 39, 3960-3960.	1.6	1
173	Sélection de caractéristiques géométriques pour la reconnaissance faciale 3D. Traitement Du Signal, 2012, 29, 383-407.	0.8	1
174	Data Science for Motion and Time Analysis with Modern Motion Sensor Data. Operations Research, 2022, 70, 3217-3233.	1.2	1
175	Representation of Chromosome Conformations Using a Shape Alphabet Across Modeling Methods. , 2021, , .		1
176	Characterizing Cell Populations Using Statistical Shape Modes. , 2022, , .		1
177	Realistic-Shape Bacterial Biofilm Simulator for Deep Learning-Based 3D Single-Cell Segmentation. , 2022, , .		1
178	Statistical shape analysis of brain arterial networks (BAN). Annals of Applied Statistics, 2022, 16, .	0.5	1
179	Statistical Search for Hierarchical Linear Optimal Representations of Images. , 2003, , .		0
180	Bayesian Classification of Shapes Hidden in Point Cloud Data. , 2009, , .		0

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181	Multi patches 3D facial representation for person authentication using AdaBoost. , 2010, , .		0
182	A fully statistical framework for shape detection in image primitives. , 2010, , .		0
183	Shadow Segmentation in SAS and SAR Using Bayesian Elastic Contours. , 2013, , .		0
184	Computing Equilibrium Wealth Distributions in Models with Heterogeneous-Agents, Incomplete Markets and Idiosyncratic Risk. Computational Economics, 2013, 41, 171-193.	1.5	0
185	Rate-invariant comparisons of covariance paths for visual speech recognition. , 2013, , .		0
186	Statistical Methods on Special Manifolds for Image and Video Understanding. Handbook of Statistics, 2013, 31, 178-201.	0.4	0
187	Image Analysis and Recognition. Academic Press Library in Signal Processing, 2014, 4, 267-270.	0.8	0
188	An Elastic Riemannian Framework for Shape of Curves and Tree-Like Structures. Advances in Computer Vision and Pattern Recognition, 2016, , 187-205.	0.9	0
189	Shapes of Curves in Higher Dimensions. Springer Series in Statistics, 2016, , 349-384.	0.9	0
190	Shapes of Planar Curves. Springer Series in Statistics, 2016, , 125-165.	0.9	0
191	Shapes of Planar Closed Curves. Springer Series in Statistics, 2016, , 167-231.	0.9	0
192	Statistical Modeling of Functional Data. Springer Series in Statistics, 2016, , 269-303.	0.9	0
193	Statistical Modeling of Planar Shapes. Springer Series in Statistics, 2016, , 305-347.	0.9	0
194	Automated Alignment of Mass Spectrometry Data Using Functional Geometry. , 2017, , 23-43.		0
195	Elastic 3D shape analysis using square-root normal field representation. , 2017, , .		0
196	Optimization Problems Associated with Manifold-Valued Curves with Applications in Computer Vision. , 2018, , 207-228.		0
197	On shape analysis of functional data. , 2020, , 417-438.		0
198	Advances in Geometrical Analysis of Topologically-Varying Shapes. , 2020, , .		0

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199	Random-Walk, Agent-Level Pandemic Simulation (RAW-ALPS) for Analyzing Effects of Different Lockdown Measures. Frontiers in Applied Mathematics and Statistics, 2021, 7, .	0.7	0
200	Statistical Shape Analysis. , 2021, , 1197-1211.		0
201	Elastic radial curves to model 3D facial deformations. , 2010, , .		0
202	Joint Registration and Shape Analysis of Curves and Surfaces. Advances in Computer Vision and Pattern Recognition, 2013, , 213-224.	0.9	0
203	Analysis of spike train data: Discussion of results. Electronic Journal of Statistics, 2014, 8, .	0.4	0
204	Statistical Shape Analysis. , 2020, , 1-16.		0
205	Shape Analysis of Functional Data. , 2020, , 379-394.		0