SÃ©bastien Bougleux

List of Publications by Year
in descending order

47 papers	1,108 citations	759233 12 h-index	501196 28 g-index
48 all docs	48 docs citations	48 times ranked	763 citing authors

#	Article	IF	Citations
1	Enumerating dissimilar minimum cost perfect and error-correcting bipartite matchings for robust data matching. Information Sciences, 2022, 596, 202-221.	6.9	1
2	Learning Recurrent High-order Statistics for Skeleton-based Hand Gesture Recognition. , 2021, , .		3
3	Upper Bounding Graph Edit Distance Based on Rings and Machine Learning. International Journal of Pattern Recognition and Artificial Intelligence, 2021, 35, 2151008.	1.2	4
4	Deep Learning Using Havrda-Charvat Entropy for Classification of Pulmonary Optical Endomicroscopy. Irbm, 2021, 42, 400-406.	5.6	6
5	Scalable generalized median graph estimation and its manifold use in bioinformatics, clustering, classification, and indexing. Information Systems, 2021, 100, 101766.	3.6	5
6	Fast linear sum assignment with error-correction and no cost constraints. Pattern Recognition Letters, 2020, 134, 37-45.	4.2	15
7	Comparing heuristics for graph edit distance computation. VLDB Journal, 2020, 29, 419-458.	4.1	30
8	Improved local search for graph edit distance. Pattern Recognition Letters, 2020, 129, 19-25.	4.2	11
9	Deep learning based automatic detection of uninformative images in pulmonary optical endomicroscopy. , 2020, , .		0
10	Skeleton-Based Hand Gesture Recognition by Learning SPD Matrices with Neural Networks. , 2019, , .		5
11	A Neural Network Based on SPD Manifold Learning for Skeleton-Based Hand Gesture Recognition. , 2019, , .		76
12	3D Colored Mesh Structure-Preserving Filtering with Adaptive P-Laplacian on Directed Graphs. , 2019, , .		2
13	Generalized Median Graph via Iterative Alternate Minimizations. Lecture Notes in Computer Science, 2019, , 99-109.	1.3	3
14	GEDLIB: A C++ Library for Graph Edit Distance Computation. Lecture Notes in Computer Science, 2019, , 14-24.	1.3	10
15	Quasimetric Graph Edit Distance as a Compact Quadratic Assignment Problem. , 2018, , .		4
16	Patch-Based Potentials for Interactive Contour Extraction. Lecture Notes in Computer Science, 2018, , 587-597.	1.3	0
17	p-Laplacian Regularization of Signals on Directed Graphs. Lecture Notes in Computer Science, 2018, , 650-661.	1.3	1
18	Ring Based Approximation of Graph Edit Distance. Lecture Notes in Computer Science, 2018, , 293-303.	1.3	4

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19	Approximating GED Using a Stochastic Generator and Multistart IPFP. Lecture Notes in Computer Science, 2018, , 460-469.	1.3	3
20	Approximate Graph Edit Distance by Several Local Searches in Parallel. , 2018, , .		13
21	Local Patterns and Supergraph for Chemical Graph Classification with Convolutional Networks. Lecture Notes in Computer Science, 2018, , 97-106.	1.3	1
22	Graph edit distance contest: Results and future challenges. Pattern Recognition Letters, 2017, 100, 96-103.	4.2	26
23	Graph edit distance as a quadratic assignment problem. Pattern Recognition Letters, 2017, 87, 38-46.	4.2	68
24	A Hungarian Algorithm for Error-Correcting Graph Matching. Lecture Notes in Computer Science, 2017, , 118-127.	1.3	12
25	Graph edit distance as a quadratic program. , 2016, , .		12
26	Approximating Graph Edit Distance Using GNCCP. Lecture Notes in Computer Science, 2016, , 496-506.	1.3	2
27	Combination of Piecewise-Geodesic Paths for Interactive Segmentation. International Journal of Computer Vision, 2015, 112, 1-22.	15.6	24
28	Combination of Piecewise-Geodesic Curves for Interactive Image Segmentation. Lecture Notes in Computer Science, 2015, , 341-356.	1.3	0
29	Approximate Graph Edit Distance Guided by Bipartite Matching of Bags of Walks. Lecture Notes in Computer Science, 2014, , 73-82.	1.3	17
30	Combination of paths for interactive segmentation. , 2013, , .		2
31	Shape Similarity Based on a Treelet Kernel with Edition. Lecture Notes in Computer Science, 2012, , 199-207.	1.3	0
32	Non-local regularization of inverse problems. Inverse Problems and Imaging, 2011, 5, 511-530.	1.1	92
33	Kernel-Based Implicit Regularization of Structured Objects. , 2010, , .		2
34	Image compression with anisotropic triangulations. , 2009, , .		10
35	Local and Nonlocal Discrete Regularization on Weighted Graphs forÂImage andÂMeshÂProcessing. International Journal of Computer Vision, 2009, 84, 220-236.	15.6	49
36	Nonlocal discrete p-Laplacian driven image and manifold processing. Comptes Rendus - Mecanique, 2008, 336, 428-433.	2.1	3

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37	Nonlocal Discrete Regularization on Weighted Graphs: A Framework for Image and Manifold Processing. IEEE Transactions on Image Processing, 2008, 17, 1047-1060.	9.8	364
38	Non-local Regularization of Inverse Problems. Lecture Notes in Computer Science, 2008, , 57-68.	1.3	111
39	Anisotropic Geodesics for Perceptual Grouping and Domain Meshing. Lecture Notes in Computer Science, 2008, , 129-142.	1.3	17
40	STRUCTURE DETECTION FROM A 3D SET OF POINTS WITH ANISOTROPIC ALPHA-SHAPES. International Journal of Image and Graphics, 2007, 07, 689-708.	1.5	0
41	Discrete Regularization on Weighted Graphs for Image and Mesh Filtering. , 2007, , 128-139.		41
42	Local eta-Crusts for Simple Curves Reconstruction. , 2007, , .		2
43	Graph regularization for color image processing. Computer Vision and Image Understanding, 2007, 107, 38-55.	4.7	47
44	Parameterless Discrete Regularization on Graphs for Color Image Filtering. Lecture Notes in Computer Science, 2007, , 46-57.	1.3	5
45	Geometrical Algorithms to Detect Patterns from a Set of Points. , 2006, , .		0
46	Image Smoothing and Segmentation by Graph Regularization. Lecture Notes in Computer Science, 2005, , 745-752.	1.3	5
47	Three-Dimensional Structure Detection from Anisotropic Alpha-Shapes. Lecture Notes in Computer Science, 2005, , 651-658.	1.3	0