

SÃ©bastien Bougleux

List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	Non-local Regularization of Inverse Problems. Lecture Notes in Computer Science, 2008, , 57-68.	1.3	111
3	Non-local regularization of inverse problems. Inverse Problems and Imaging, 2011, 5, 511-530.	1.1	92
4	A Neural Network Based on SPD Manifold Learning for Skeleton-Based Hand Gesture Recognition. , 2019, , .		76
5	Graph edit distance as a quadratic assignment problem. Pattern Recognition Letters, 2017, 87, 38-46.	4.2	68
6	Local and Nonlocal Discrete Regularization on Weighted Graphs for Image and Mesh Processing. International Journal of Computer Vision, 2009, 84, 220-236.	15.6	49
7	Graph regularization for color image processing. Computer Vision and Image Understanding, 2007, 107, 38-55.	4.7	47
8	Discrete Regularization on Weighted Graphs for Image and Mesh Filtering. , 2007, , 128-139.		41
9	Comparing heuristics for graph edit distance computation. VLDB Journal, 2020, 29, 419-458.	4.1	30
10	Graph edit distance contest: Results and future challenges. Pattern Recognition Letters, 2017, 100, 96-103.	4.2	26
11	Combination of Piecewise-Geodesic Paths for Interactive Segmentation. International Journal of Computer Vision, 2015, 112, 1-22.	15.6	24
12	Anisotropic Geodesics for Perceptual Grouping and Domain Meshing. Lecture Notes in Computer Science, 2008, , 129-142.	1.3	17
13	Approximate Graph Edit Distance Guided by Bipartite Matching of Bags of Walks. Lecture Notes in Computer Science, 2014, , 73-82.	1.3	17
14	Fast linear sum assignment with error-correction and no cost constraints. Pattern Recognition Letters, 2020, 134, 37-45.	4.2	15
15	Approximate Graph Edit Distance by Several Local Searches in Parallel. , 2018, , .		13
16	Graph edit distance as a quadratic program. , 2016, , .		12
17	A Hungarian Algorithm for Error-Correcting Graph Matching. Lecture Notes in Computer Science, 2017, , 118-127.	1.3	12
18	Improved local search for graph edit distance. Pattern Recognition Letters, 2020, 129, 19-25.	4.2	11

#	ARTICLE	IF	CITATIONS
19	Image compression with anisotropic triangulations. , 2009, , .		10
20	GEDLIB: A C++ Library for Graph Edit Distance Computation. Lecture Notes in Computer Science, 2019, , 14-24.	1.3	10
21	Deep Learning Using Havrda-Charvat Entropy for Classification of Pulmonary Optical Endomicroscopy. Irbm, 2021, 42, 400-406.	5.6	6
22	Skeleton-Based Hand Gesture Recognition by Learning SPD Matrices with Neural Networks. , 2019, , .		5
23	Scalable generalized median graph estimation and its manifold use in bioinformatics, clustering, classification, and indexing. Information Systems, 2021, 100, 101766.	3.6	5
24	Image Smoothing and Segmentation by Graph Regularization. Lecture Notes in Computer Science, 2005, , 745-752.	1.3	5
25	Parameterless Discrete Regularization on Graphs for Color Image Filtering. Lecture Notes in Computer Science, 2007, , 46-57.	1.3	5
26	Quasimetric Graph Edit Distance as a Compact Quadratic Assignment Problem. , 2018, , .		4
27	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
28	Ring Based Approximation of Graph Edit Distance. Lecture Notes in Computer Science, 2018, , 293-303.	1.3	4
29	Nonlocal discrete p-Laplacian driven image and manifold processing. Comptes Rendus - Mecanique, 2008, 336, 428-433.	2.1	3
30	Learning Recurrent High-order Statistics for Skeleton-based Hand Gesture Recognition. , 2021, , .		3
31	Generalized Median Graph via Iterative Alternate Minimizations. Lecture Notes in Computer Science, 2019, , 99-109.	1.3	3
32	Approximating GED Using a Stochastic Generator and Multistart IPFP. Lecture Notes in Computer Science, 2018, , 460-469.	1.3	3
33	Local eta-Crusts for Simple Curves Reconstruction. , 2007, , .		2
34	Kernel-Based Implicit Regularization of Structured Objects. , 2010, , .		2
35	3D Colored Mesh Structure-Preserving Filtering with Adaptive P-Laplacian on Directed Graphs. , 2019, , .		2
36	Combination of paths for interactive segmentation. , 2013, , .		2

#	ARTICLE	IF	CITATIONS
37	Approximating Graph Edit Distance Using GNCCP. Lecture Notes in Computer Science, 2016, , 496-506.	1.3	2
38	p-Laplacian Regularization of Signals on Directed Graphs. Lecture Notes in Computer Science, 2018, , 650-661.	1.3	1
39	Local Patterns and Supergraph for Chemical Graph Classification with Convolutional Networks. Lecture Notes in Computer Science, 2018, , 97-106.	1.3	1
40	Enumerating dissimilar minimum cost perfect and error-correcting bipartite matchings for robust data matching. Information Sciences, 2022, 596, 202-221.	6.9	1
41	Geometrical Algorithms to Detect Patterns from a Set of Points. , 2006, , .		0
42	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
43	Patch-Based Potentials for Interactive Contour Extraction. Lecture Notes in Computer Science, 2018, , 587-597.	1.3	0
44	Three-Dimensional Structure Detection from Anisotropic Alpha-Shapes. Lecture Notes in Computer Science, 2005, , 651-658.	1.3	0
45	Shape Similarity Based on a Treelet Kernel with Edition. Lecture Notes in Computer Science, 2012, , 199-207.	1.3	0
46	Combination of Piecewise-Geodesic Curves for Interactive Image Segmentation. Lecture Notes in Computer Science, 2015, , 341-356.	1.3	0
47	Deep learning based automatic detection of uninformative images in pulmonary optical endomicroscopy. , 2020, , .		0