

Francesc Serratosà

List of Publications by Year in descending order

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181
papers

2,466
citations

186265

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41
g-index

190
all docs

190
docs citations

190
times ranked

977
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast computation of Bipartite graph matching. Pattern Recognition Letters, 2014, 45, 244-250.	4.2	120
2	Generalized median graph computation by means of graph embedding in vector spaces. Pattern Recognition, 2010, 43, 1642-1655.	8.1	82
3	Graph-based representations and techniques for image processing and image analysis. Pattern Recognition, 2002, 35, 639-650.	8.1	76
4	1,4-Dialkoxy-1,3-butadiynes. Journal of the American Chemical Society, 1990, 112, 7405-7406.	13.7	73
5	Acetylene diethers: a logical entry to oxocarbons. Accounts of Chemical Research, 1983, 16, 170-176.	15.6	71
6	Speeding up Fast Bipartite Graph Matching Through a New Cost Matrix. International Journal of Pattern Recognition and Artificial Intelligence, 2015, 29, 1550010.	1.2	63
7	Function-described graphs for modelling objects represented by sets of attributed graphs. Pattern Recognition, 2003, 36, 781-798.	8.1	61
8	Signatures versus histograms: Definitions, distances and algorithms. Pattern Recognition, 2006, 39, 921-934.	8.1	54
9	Learning graph-matching edit-costs based on the optimality of the oracle's node correspondences. Pattern Recognition Letters, 2015, 56, 22-29.	4.2	50
10	Synthesis of triquinacene derivatives. Tetrahedron, 1986, 42, 1831-1839.	1.9	48
11	Convenient synthesis of silylketenes from 1-tert-butoxy-2-silylethyne. Journal of Organic Chemistry, 1990, 55, 395-397.	3.2	48
12	A new graph matching method for point-set correspondence using the EM algorithm and Softassign. Computer Vision and Image Understanding, 2012, 116, 292-304.	4.7	47
13	Computation of graph edit distance: Reasoning about optimality and speed-up. Image and Vision Computing, 2015, 40, 38-48.	4.5	45
14	SECOND-ORDER RANDOM GRAPHS FOR MODELING SETS OF ATTRIBUTED GRAPHS AND THEIR APPLICATION TO OBJECT LEARNING AND RECOGNITION. International Journal of Pattern Recognition and Artificial Intelligence, 2004, 18, 375-396.	1.2	43
15	ON THE GRAPH EDIT DISTANCE COST: PROPERTIES AND APPLICATIONS. International Journal of Pattern Recognition and Artificial Intelligence, 2012, 26, 1260004.	1.2	42
16	An efficient synthesis of -alkoxyethynes. Tetrahedron, 1987, 43, 2311-2316.	1.9	41
17	Ligand-Based Virtual Screening Using Graph Edit Distance as Molecular Similarity Measure. Journal of Chemical Information and Modeling, 2019, 59, 1410-1421.	5.4	41
18	Enabling semantic similarity estimation across multiple ontologies: An evaluation in the biomedical domain. Journal of Biomedical Informatics, 2012, 45, 141-155.	4.3	40

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19	Graph Edit Distance: Moving from global to local structure to solve the graph-matching problem. Pattern Recognition Letters, 2015, 65, 204-210.	4.2	39
20	Studies on the pauson-khand reaction. Exclusive formation of angularly fused triquinanes from bicyclo[3.3.0]oct-2-ene and propargyl derivatives. Tetrahedron, 1985, 41, 5995-6003.	1.9	37
21	Models and algorithms for computing the common labelling of a set of attributed graphs. Computer Vision and Image Understanding, 2011, 115, 929-945.	4.7	35
22	Smooth point-set registration using neighboring constraints. Pattern Recognition Letters, 2012, 33, 2029-2037.	4.2	34
23	Component retrieval based on a database of graphs for Hand-Written Electronic-Scheme Digitalisation. Expert Systems With Applications, 2013, 40, 2493-2502.	7.6	34
24	SYNTHESIS OF FUNCTION-DESCRIBED GRAPHS AND CLUSTERING OF ATTRIBUTED GRAPHS. International Journal of Pattern Recognition and Artificial Intelligence, 2002, 16, 621-655.	1.2	33
25	Interactive graph-matching using active query strategies. Pattern Recognition, 2015, 48, 1364-1373.	8.1	31
26	Median graph: A new exact algorithm using a distance based on the maximum common subgraph. Pattern Recognition Letters, 2009, 30, 579-588.	4.2	30
27	A probabilistic integrated object recognition and tracking framework. Expert Systems With Applications, 2012, 39, 7302-7318.	7.6	30
28	Towards the estimation of feature-based semantic similarity using multiple ontologies. Knowledge-Based Systems, 2014, 55, 101-113.	7.1	28
29	Improving bipartite graph matching by assessing the assignment confidence. Pattern Recognition Letters, 2015, 65, 29-36.	4.2	28
30	Synthetic applications of di-tert-butoxyethyne, II: New syntheses of squaric, semisquaric and croconic acids. Tetrahedron Letters, 1982, 23, 361-364.	1.4	27
31	Median graphs: A genetic approach based on new theoretical properties. Pattern Recognition, 2009, 42, 2003-2012.	8.1	27
32	An interactive method for the image alignment problem based on partially supervised correspondence. Expert Systems With Applications, 2015, 42, 179-192.	7.6	27
33	Direct entry to the all-cis tricyclo[5.2.1.0 _{4,10}]decane (perhydrotriquinacene) skeleton by a cobalt mediated intramolecular cyclization. Tetrahedron Letters, 1985, 26, 2475-2476.	1.4	26
34	Synthesis and chiroptical properties of 3-perhydrotriquinacene derivatives. Tetrahedron, 1988, 44, 2657-2662.	1.9	26
35	Diisopropoxy- and di-tert-butoxyethyne. Tetrahedron, 1981, 37, 1441-1449.	1.9	24
36	An acetylenic approach to patulin derivatives. Tetrahedron, 1961, 16, 185-191.	1.9	23

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37	Improved Synthesis of Tricyclo (5.2.1.04,10) Decane-2,5,8-Trione by a Pauson-Khand Intramolecular Bis-Annulation. <i>Synthetic Communications</i> , 1988, 18, 381-390.	2.1	22
38	Learning Graph Matching Substitution Weights Based on the Ground Truth Node Correspondence. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2016, 30, 1650005.	1.2	22
39	Graph edit distance: Restrictions to be a metric. <i>Pattern Recognition</i> , 2019, 90, 250-256.	8.1	22
40	Intramolecular cyclization of alkyl-propargyldenemalonic acids. <i>Tetrahedron</i> , 1964, 20, 2701-2708.	1.9	21
41	Synthesis of cis-bicyclo[3.3.0]oct-3-ene-2,7-dione, a highly functionalized cyclopentanoid intermediate. <i>Tetrahedron Letters</i> , 1984, 25, 2031-2034.	1.4	21
42	GRADUATED ASSIGNMENT ALGORITHM FOR MULTIPLE GRAPH MATCHING BASED ON A COMMON LABELING. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2013, 27, 1350001.	1.2	21
43	The reaction of diazomethane with double bonds. <i>Tetrahedron</i> , 1962, 18, 1381-1394.	1.9	20
44	Reaction of di- <i>t</i> -butoxyethyne with Fe ₂ (CO) ₉ : X-ray crystal structure of (tetra- <i>t</i> -butoxycyclopentadienone)tricarbonyliron (0) and an improved formal synthesis of hydrocroconic acid and the croconate dianion. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1987, , 2749-2752.	0.9	19
45	A semiempirical (AM1, MNDO, and MINDO/3) study on the thermolysis of 1-alkynyl ethers. Reaction analysis by correlation of localized molecular orbitals. <i>Journal of Organic Chemistry</i> , 1987, 52, 5532-5538.	3.2	19
46	Embedding the node-to-node mappings to learn the Graph edit distance parameters. <i>Pattern Recognition Letters</i> , 2018, 112, 353-360.	4.2	19
47	Reducing human effort in engineering drawing validation. <i>Computers in Industry</i> , 2020, 117, 103198.	9.9	19
48	A Graph Repository for Learning Error-Tolerant Graph Matching. <i>Lecture Notes in Computer Science</i> , 2016, , 519-529.	1.3	19
49	Graph-Based <i>k</i> -Means Clustering: A Comparison of the Set Median versus the Generalized Median Graph. <i>Lecture Notes in Computer Science</i> , 2009, , 342-350.	1.3	19
50	Goal!: an exercise in IUPAC nomenclature. <i>Journal of Chemical Education</i> , 1983, 60, 941.	2.3	15
51	Synthesis of croconic and hydrocroconic acids from di- <i>t</i> -butoxyethyne. Electrochemical demetallation of a cyclopentadienyl organocobalt complex. <i>Journal of the Chemical Society Chemical Communications</i> , 1982, , 1305-1306.	2.0	14
52	An improved synthesis of triquinacene derivatives. Two-step regioselective oxidation of endo-dicyclopentadiene to Deslongchamps's diketone. <i>Journal of the Chemical Society Chemical Communications</i> , 1984, , 825.	2.0	14
53	Stereoselectivity in Intramolecular Cobalt-Mediated Bis-Annulations Leading to Triquinacene Derivatives. <i>Synthetic Communications</i> , 1988, 18, 1079-1089.	2.1	14
54	Cooperative pose estimation of a fleet of robots based on interactive points alignment. <i>Expert Systems With Applications</i> , 2016, 45, 150-160.	7.6	14

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55	Generation and cyclotrimerization of 1,4-dioxacyclohexyne (p-dioxyne). Journal of the Chemical Society Chemical Communications, 1988, , 942-943.	2.0	13
56	Perhydrotriquinacenic hosts. 1. Synthesis, complexation and transport properties of tripodands of C3 symmetry.. Tetrahedron, 1991, 47, 5867-5876.	1.9	13
57	A Convenient Procedure for the Synthesis of Propargyl Ethers Derived from Secondary Alcohols. Synthesis, 1988, 1988, 707-709.	2.3	12
58	Error-tolerant graph matching in linear computational cost using an initial small partial matching. Pattern Recognition Letters, 2020, 134, 10-19.	4.2	12
59	Graduated Assignment Algorithm for Finding the Common Labelling of a Set of Graphs. Lecture Notes in Computer Science, 2010, , 180-190.	1.3	12
60	Synthesis of tricyclo(5.2.1.04,10)decane-2,5,8-trione from deslongchamps's diketone. Tetrahedron, 1986, 42, 3637-3648.	1.9	11
61	Clustering of attributed graphs and unsupervised synthesis of function-described graphs. , 0, , .		11
62	Acetylene diethers. Tetrahedron, 1982, 38, 1505-1508.	1.9	10
63	Can N-acylazetones ever be obtained? The reaction between di-t-butoxyethyne and benzoyl isocyanate leading to 2-phenyl-4,5-di-t-butoxy-1,3-oxazin-6-one. Journal of the Chemical Society Perkin Transactions II, 1986, , 961-967.	0.9	10
64	Synthesis and hydroboration/oxidation of tricyclo(5.2.1.04,10)dec-8-ene-2,5-dione(bis-acetal): new synthetic entry to tricyclo(5.2.1.04,10)decane-2, 5, 8-trione. Tetrahedron, 1987, 43, 2147-2156.	1.9	10
65	Perhydrotriquinacenic hosts. 2. Synthesis and complexation properties of speleands of C3symmetry.. Tetrahedron, 1992, 48, 1497-1506.	1.9	10
66	Efficient algorithms for matching attributed graphs and function-described graphs. , 0, , .		10
67	Synthesis of Median Spectral Graph. Lecture Notes in Computer Science, 2005, , 139-146.	1.3	10
68	On the Computation of the Common Labelling of a Set of Attributed Graphs. Lecture Notes in Computer Science, 2009, , 137-144.	1.3	10
69	Learning the Edit Costs of Graph Edit Distance Applied to Ligand-Based Virtual Screening. Current Topics in Medicinal Chemistry, 2020, 20, 1582-1592.	2.1	10
70	An approximate algorithm for median graph computation using graph embedding. , 2008, , .		9
71	Active Graph Matching Based on Pairwise Probabilities between Nodes. Lecture Notes in Computer Science, 2012, , 98-106.	1.3	9
72	Online learning the consensus of multiple correspondences between sets. Knowledge-Based Systems, 2015, 90, 49-57.	7.1	9

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73	Consensus of multiple correspondences between sets of elements. <i>Computer Vision and Image Understanding</i> , 2016, 142, 50-64.	4.7	9
74	Redefining the Graph Edit Distance. <i>SN Computer Science</i> , 2021, 2, 1.	3.6	9
75	Estimating the Joint Probability Distribution of Random Vertices and Arcs by Means of Second-Order Random Graphs. <i>Lecture Notes in Computer Science</i> , 2002, , 252-262.	1.3	9
76	Automatic Learning of Edit Costs Based on Interactive and Adaptive Graph Recognition. <i>Lecture Notes in Computer Science</i> , 2011, , 152-163.	1.3	9
77	Active-Learning Query Strategies Applied to Select a Graph Node Given a Graph Labelling. <i>Lecture Notes in Computer Science</i> , 2013, , 61-70.	1.3	9
78	Symmetry guidelines for the design of convergent syntheses. On narcissistic coupling and la coupe du roi. <i>Journal of the American Chemical Society</i> , 1992, 114, 2623-2630.	13.7	8
79	Correspondence consensus of two sets of correspondences through optimisation functions. <i>Pattern Analysis and Applications</i> , 2017, 20, 201-213.	4.6	8
80	Function-described graphs applied to 3D object representation. <i>Lecture Notes in Computer Science</i> , 1997, , 701-708.	1.3	8
81	Synthesis of function-described graphs. <i>Lecture Notes in Computer Science</i> , 1998, , 112-121.	1.3	8
82	Protonation of methane(tri- $\hat{\pm}$ -diazoacetone) in acid softening solvents. <i>Tetrahedron</i> , 1977, 33, 995-998.	1.9	7
83	A FAST APPROXIMATION OF THE EARTH-MOVERS DISTANCE BETWEEN MULTIDIMENSIONAL HISTOGRAMS. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2008, 22, 1539-1558.	1.2	7
84	Dealing with occlusion in a probabilistic object tracking method. , 2008, , .		7
85	Learning the Graph Edit Costs Based on a Learning Model Applied to Sub-optimal Graph Matching. <i>Neural Processing Letters</i> , 2020, 51, 881-904.	3.2	7
86	A general model to define the substitution, insertion and deletion graph edit costs based on an embedded space. <i>Pattern Recognition Letters</i> , 2020, 138, 115-122.	4.2	7
87	A First Step Towards Exact Graph Edit Distance Using Bipartite Graph Matching. <i>Lecture Notes in Computer Science</i> , 2015, , 77-86.	1.3	7
88	Ligand-Based Virtual Screening Based on the Graph Edit Distance. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12751.	4.1	7
89	Äœber die Kondensation von Orthoestern mit aktivierten Methylengruppen, VI. Mitteil.: Die Reaktion zwischen OrthoessigsÄuremethylester und Benzoylacetonitril. <i>Chemische Berichte</i> , 1952, 85, 686-689.	0.2	6
90	An approach to the synthesis of acetylene diethers via tetrachlorobenzynes. Methoxycarbynes versus dimethoxyacetylene. <i>Tetrahedron</i> , 1975, 31, 1315-1319.	1.9	6

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91	Obtaining the consensus of multiple correspondences between graphs through online learning. Pattern Recognition Letters, 2017, 87, 79-86.	4.2	6
92	Interactive online learning for graph matching using active strategies. Knowledge-Based Systems, 2020, 205, 106275.	7.1	6
93	On the Relevance of Local Neighbourhoods for Greedy Graph Edit Distance. Lecture Notes in Computer Science, 2016, , 121-131.	1.3	6
94	An Edit Distance Between Graph Correspondences. Lecture Notes in Computer Science, 2017, , 232-241.	1.3	6
95	A Deep Neural Network Architecture to Estimate Node Assignment Costs for the Graph Edit Distance. Lecture Notes in Computer Science, 2018, , 326-336.	1.3	6
96	Improving the Correspondence Establishment Based on Interactive Homography Estimation. Lecture Notes in Computer Science, 2013, , 457-465.	1.3	6
97	Lanthanide NMR shift reagents and stereochemical assignments. Tetrahedron, 1976, 32, 2583-2587.	1.9	5
98	REGIOSELECTIVE FUNCTIONALIZATION OF cis-BICYCLO [3.3.0] OCTENONE DERIVATIVES. OXYMERCURATION/REDUCTION versus HYDROBORATION/OXIDATION. ACETAL GROUPS AS REGIO- AND STEREOSELECTIVE CONTROL ELEMENTS. Chemistry Letters, 1984, 13, 775-778.	1.3	5
99	Acetylenes and diazoketones in organic synthesis. Journal of Organometallic Chemistry, 1991, 413, 445-458.	1.8	5
100	Distance between Attributed Graphs and Function-Described Graphs Relaxing 2nd Order Restrictions. Lecture Notes in Computer Science, 2000, , 277-286.	1.3	5
101	A Structural and Semantic Probabilistic Model for Matching and Representing a Set of Graphs. Lecture Notes in Computer Science, 2009, , 164-173.	1.3	5
102	On the Relation between the Common Labelling and the Median Graph. Lecture Notes in Computer Science, 2012, , 107-115.	1.3	5
103	Reactions on basic alumina. Journal of Chemical Education, 1969, 46, 302.	2.3	4
104	Regioselective transannular cyclization of Deslongchamps's diketone. New entries to polycyclic cage structures: reductive opening of a cyclobutyl ketone with lithium in liquid ammonia and its photochemical rearrangement to a bridged cyclopentyl ether. Journal of the Chemical Society Perkin Transactions 1, 1986, , 2055.	0.9	4
105	Shape Representation and Indexing Based on Region Connection Calculus and Oriented Matroid Theory. Lecture Notes in Computer Science, 2003, , 267-276.	1.3	4
106	A New Method for Object Tracking Based on Regions Instead of Contours. , 2007, , .		4
107	Semi-automatic pose estimation of a fleet of robots with embedded stereoscopic cameras. , 2016, , .		4
108	Generalised Median of a Set of Correspondences Based on the Hamming Distance. Lecture Notes in Computer Science, 2016, , 507-518.	1.3	4

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109	On-line learning the graph edit distance costs. Pattern Recognition Letters, 2021, 146, 55-62.	4.2	4
110	Consensus of Two Graph Correspondences Through a Generalisation of the Bipartite Graph Matching. Lecture Notes in Computer Science, 2015, , 87-97.	1.3	4
111	Learning Heuristics to Reduce the Overestimation of Bipartite Graph Edit Distance Approximation. Lecture Notes in Computer Science, 2015, , 17-31.	1.3	4
112	Learning the Sub-optimal Graph Edit Distance Edit Costs Based on an Embedded Model. Lecture Notes in Computer Science, 2018, , 282-292.	1.3	4
113	On the Relation Between the Median and the Maximum Common Subgraph of a Set of Graphs. Lecture Notes in Computer Science, 2007, , 351-360.	1.3	4
114	ALKYLATION OF TRIMETHYLSILYLCYCLOPENTADIENIDE ANION WITHtert-BUTYL BROMOACETATE. A DESILYLATION REACTION ASSISTED BY A REMOTE STERIC REPULSION. Chemistry Letters, 1982, 11, 1189-1190.	1.3	3
115	The IUPAC systematic names of the regular polyhedranes: An exercise in organic chemistry nomenclature. Journal of Chemical Education, 1982, 59, 126.	2.3	3
116	An Improved Synthesis of Deslongchamps's Diketone by Direct Regioselective Functionalization of endo-Dicyclopentadiene. Synthetic Communications, 1985, 15, 951-958.	2.1	3
117	Model theoretical study of 2 + 2 cycloadditions of dialkoxyethynes with heterocumulenes. Journal of the Chemical Society Perkin Transactions II, 1987, , 151-158.	0.9	3
118	Small-ring cyclic alkynes: ab initio molecular orbital study of 1,4-dioxacyclohexyne (p-dioxyne). Journal of the American Chemical Society, 1987, 109, 5600-5605.	13.7	3
119	Graph Indexing and Retrieval Based on Median Graphs. Lecture Notes in Computer Science, 2010, , 311-321.	1.3	3
120	Unsupervised Machine Learning Application to Perform a Systematic Review and Meta-Analysis in Medical Research. Computacion Y Sistemas, 2016, 20, .	0.3	3
121	Online human assisted and cooperative pose estimation of 2D cameras. Expert Systems With Applications, 2016, 60, 258-268.	7.6	3
122	A Methodology to Generate Attributed Graphs with a Bounded Graph Edit Distance for Graph-Matching Testing. International Journal of Pattern Recognition and Artificial Intelligence, 2018, 32, 1850038.	1.2	3
123	Correspondence edit distance to obtain a set of weighted means of graph correspondences. Pattern Recognition Letters, 2020, 134, 29-36.	4.2	3
124	Group of components detection in engineering drawings based on graph matching. Engineering Applications of Artificial Intelligence, 2021, 104, 104404.	8.1	3
125	Exact Median Graph Computation Via Graph Embedding. Lecture Notes in Computer Science, 2008, , 15-24.	1.3	3
126	Exploration of the Labelling Space Given Graph Edit Distance Costs. Lecture Notes in Computer Science, 2011, , 164-174.	1.3	3

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127	A Comparison between Structural and Embedding Methods for Graph Classification. Lecture Notes in Computer Science, 2012, , 234-242.	1.3	3
128	Object and image indexing based on region connection calculus and oriented matroid theory. Discrete Applied Mathematics, 2005, 147, 345-361.	0.9	2
129	Vision-Based Robot Positioning by an Exact Distance Between Hi. , 2006, , .		2
130	A Discrete Labelling Approach to Attributed Graph Matching Using SIFT Features. , 2010, , .		2
131	Graph Database Retrieval Based on Metric-Trees. Lecture Notes in Computer Science, 2012, , 437-447.	1.3	2
132	MSClique: Multiple Structure Discovery through the Maximum Weighted Clique Problem. PLoS ONE, 2016, 11, e0145846.	2.5	2
133	A Fast Distance Between Histograms. Lecture Notes in Computer Science, 2005, , 1027-1035.	1.3	2
134	Object Recognition and Tracking in Video Sequences: A New Integrated Methodology. Lecture Notes in Computer Science, 2006, , 481-490.	1.3	2
135	Spectral Median Graphs Applied to Graphical Symbol Recognition. Lecture Notes in Computer Science, 2006, , 774-783.	1.3	2
136	On the Influence of Node Centralities on Graph Edit Distance for Graph Classification. Lecture Notes in Computer Science, 2015, , 231-241.	1.3	2
137	Graph Edit Distance or Graph Edit Pseudo-Distance?. Lecture Notes in Computer Science, 2016, , 530-540.	1.3	2
138	Node Matching Computation Between Two Large Graphs in Linear Computational Cost. Lecture Notes in Computer Science, 2017, , 143-153.	1.3	2
139	A New Algorithm to Compute the Distance Between Multi-dimensional Histograms. , 2007, , 115-123.		2
140	Parallel Graduated Assignment Algorithm for Multiple Graph Matching Based on a Common Labelling. Lecture Notes in Computer Science, 2011, , 132-141.	1.3	2
141	Edit Distance Computed by Fast Bipartite Graph Matching. Lecture Notes in Computer Science, 2014, , 253-262.	1.3	2
142	Evaluation of Spectral-Based Methods for Median Graph Computation. Lecture Notes in Computer Science, 2007, , 580-587.	1.3	2
143	Paul Klee and the genesis of deltic and squaric acids. Journal of Chemical Education, 1984, 61, 1035.	2.3	1
144	Stereoselective Synthesis of Tris-endo-tricyclo [5.2.1.0 ^{4,10}]decane-2,5,8-triamine. Synthetic Communications, 1991, 21, 1643-1648.	2.1	1

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145	Distance Measures between Attributed Graphs and Second-Order Random Graphs. Lecture Notes in Computer Science, 2004, , 1135-1144.	1.3	1
146	Interactive pose calibration of a set of cameras for video surveillance. , 2016, , .		1
147	Generalised median of graph correspondences. Pattern Recognition Letters, 2019, 125, 389-395.	4.2	1
148	A commentary on "Learning error-correcting graph matching with a multiclass neural network", Pattern Recognition Letters, 2018. Pattern Recognition Letters, 2020, 129, 16-18.	4.2	1
149	Learning Graph Matching Substitution Weights based on a Linear Regression. , 2021, , .		1
150	Attributed Graph Matching for Image-Features Association Using SIFT Descriptors. Lecture Notes in Computer Science, 2010, , 254-263.	1.3	1
151	A Probabilistic Framework to Obtain a Common Labelling between Attributed Graphs. Lecture Notes in Computer Science, 2011, , 516-523.	1.3	1
152	Oriented Matroids for Shape Representation and Indexing. Lecture Notes in Computer Science, 2003, , 1012-1019.	1.3	1
153	An Efficient Distance Between Multi-dimensional Histograms for Comparing Images. Lecture Notes in Computer Science, 2006, , 412-421.	1.3	1
154	Combining Neural Networks and Clustering Techniques for Object Recognition in Indoor Video Sequences. Lecture Notes in Computer Science, 2006, , 399-405.	1.3	1
155	Hybrid Genetic Algorithm and Procrustes Analysis for Enhancing the Matching of Graphs Generated from Shapes. Lecture Notes in Computer Science, 2008, , 298-307.	1.3	1
156	Fast and Efficient Palmprint Identification of a Small Sample within a Full Image. Computacion Y Sistemas, 2015, 18, .	0.3	1
157	An Interactive Model for Structural Pattern Recognition based on the Bayes Classifier. , 2015, , .		1
158	Modelling the Generalised Median Correspondence Through an Edit Distance. Lecture Notes in Computer Science, 2018, , 271-281.	1.3	1
159	Learning and recognising 3D models represented by multiple views by means of methods based on random graphs. , 0, , .		0
160	Correspondence - On the Offense of Reviewers. Accounts of Chemical Research, 1984, 17, 2-2.	15.6	0
161	Structure of cis-bicyclo[3.3.0]oct-3-ene-2,7-dione 7-(2,2-dimethyltrimethylene acetal). Acta Crystallographica Section C: Crystal Structure Communications, 1985, 41, 1628-1629.	0.4	0
162	Modelling and recognising 3D-objects described by multiple views using function-described graphs. , 0, , .		0

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163	Distance between 2D-scenes based on oriented matroid theory. , 2004, , .		0
164	Improving the matching of graphs generated from shapes by the use of procrustes distances into a clique-based MAP formulation. , 2008, , .		0
165	Human interaction to improve the image alignment on a cooperative robotic framework. , 2014, , .		0
166	Ground Truth Correspondence Between Nodes to Learn Graph-Matching Edit-Costs. Lecture Notes in Computer Science, 2015, , 113-124.	1.3	0
167	Graph Edit Distance Testing through Synthetic Graphs Generation. , 2018, , .		0
168	Learning the Graph Edit Costs: What Do We Want to Optimise?. Lecture Notes in Computer Science, 2019, , 25-34.	1.3	0
169	Sub-optimal Graph Matching by Node-to-Node Assignment Classification. Lecture Notes in Computer Science, 2019, , 35-44.	1.3	0
170	Localization of Autonomous Robot in an Urban Area Based on SURF Feature Extraction of Images. International Journal of Technology Diffusion, 2020, 11, 84-111.	0.3	0
171	Incorporating a graph-matching algorithm into a muscle mechanics model. , 2021, , .		0
172	Matching Attributed Graphs: 2nd-Order Probabilities for Pruning the Search Tree. Lecture Notes in Computer Science, 2005, , 131-138.	1.3	0
173	A Fast and Exact Modulo-Distance Between Histograms. Lecture Notes in Computer Science, 2006, , 394-402.	1.3	0
174	Experimental Assessment of Probabilistic Integrated Object Recognition and Tracking Methods. Lecture Notes in Computer Science, 2009, , 817-824.	1.3	0
175	Median Graph Computation by Means of a Genetic Approach Based on Minimum Common Supergraph and Maximum Common Subgraph. Lecture Notes in Computer Science, 2009, , 346-353.	1.3	0
176	Graph Matching on a Low-Cost and Parallel Architecture. Lecture Notes in Computer Science, 2011, , 508-515.	1.3	0
177	On-Line Learning the Edit Costs Based on an Embedded Model. Lecture Notes in Computer Science, 2019, , 121-130.	1.3	0
178	Learning the Graph Edit Distance Parameters for Point-Set Image Registration. Lecture Notes in Computer Science, 2019, , 447-456.	1.3	0
179	Shape Learning with Function-Described Graphs. Lecture Notes in Computer Science, 2008, , 475-484.	1.3	0
180	Bounding the Size of the Median Graph. Lecture Notes in Computer Science, 2007, , 491-498.	1.3	0

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181	Modelling Intermittently Present Features Using Nonlinear Point Distribution Models. , 2007, , 260-273.		0