

Francesc Serratosà

List of Publications by Year in descending order

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181
papers

2,466
citations

186265

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190
all docs

190
docs citations

190
times ranked

977
citing authors

#	ARTICLE	IF	CITATIONS
1	Incorporating a graph-matching algorithm into a muscle mechanics model. , 2021, , .		0
2	Learning Graph Matching Substitution Weights based on a Linear Regression. , 2021, , .		1
3	On-line learning the graph edit distance costs. Pattern Recognition Letters, 2021, 146, 55-62.	4.2	4
4	Redefining the Graph Edit Distance. SN Computer Science, 2021, 2, 1.	3.6	9
5	Group of components detection in engineering drawings based on graph matching. Engineering Applications of Artificial Intelligence, 2021, 104, 104404.	8.1	3
6	Ligand-Based Virtual Screening Based on the Graph Edit Distance. International Journal of Molecular Sciences, 2021, 22, 12751.	4.1	7
7	Error-tolerant graph matching in linear computational cost using an initial small partial matching. Pattern Recognition Letters, 2020, 134, 10-19.	4.2	12
8	Correspondence edit distance to obtain a set of weighted means of graph correspondences. Pattern Recognition Letters, 2020, 134, 29-36.	4.2	3
9	Learning the Graph Edit Costs Based on a Learning Model Applied to Sub-optimal Graph Matching. Neural Processing Letters, 2020, 51, 881-904.	3.2	7
10	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
11	A general model to define the substitution, insertion and deletion graph edit costs based on an embedded space. Pattern Recognition Letters, 2020, 138, 115-122.	4.2	7
12	Interactive online learning for graph matching using active strategies. Knowledge-Based Systems, 2020, 205, 106275.	7.1	6
13	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
14	Reducing human effort in engineering drawing validation. Computers in Industry, 2020, 117, 103198.	9.9	19
15	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
16	Graph edit distance: Restrictions to be a metric. Pattern Recognition, 2019, 90, 250-256.	8.1	22
17	Generalised median of graph correspondences. Pattern Recognition Letters, 2019, 125, 389-395.	4.2	1
18	Learning the Graph Edit Costs: What Do We Want to Optimise?. Lecture Notes in Computer Science, 2019, , 25-34.	1.3	0

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19	Sub-optimal Graph Matching by Node-to-Node Assignment Classification. Lecture Notes in Computer Science, 2019, , 35-44.	1.3	0
20	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
21	On-Line Learning the Edit Costs Based on an Embedded Model. Lecture Notes in Computer Science, 2019, , 121-130.	1.3	0
22	Learning the Graph Edit Distance Parameters for Point-Set Image Registration. Lecture Notes in Computer Science, 2019, , 447-456.	1.3	0
23	Graph Edit Distance Testing through Synthetic Graphs Generation. , 2018, , .		0
24	Embedding the node-to-node mappings to learn the Graph edit distance parameters. Pattern Recognition Letters, 2018, 112, 353-360.	4.2	19
25	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
26	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
27	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
28	Modelling the Generalised Median Correspondence Through an Edit Distance. Lecture Notes in Computer Science, 2018, , 271-281.	1.3	1
29	Correspondence consensus of two sets of correspondences through optimisation functions. Pattern Analysis and Applications, 2017, 20, 201-213.	4.6	8
30	Obtaining the consensus of multiple correspondences between graphs through online learning. Pattern Recognition Letters, 2017, 87, 79-86.	4.2	6
31	Node Matching Computation Between Two Large Graphs in Linear Computational Cost. Lecture Notes in Computer Science, 2017, , 143-153.	1.3	2
32	An Edit Distance Between Graph Correspondences. Lecture Notes in Computer Science, 2017, , 232-241.	1.3	6
33	Unsupervised Machine Learning Application to Perform a Systematic Review and Meta-Analysis in Medical Research. Computacion Y Sistemas, 2016, 20, .	0.3	3
34	MSClique: Multiple Structure Discovery through the Maximum Weighted Clique Problem. PLoS ONE, 2016, 11, e0145846.	2.5	2
35	Interactive pose calibration of a set of cameras for video surveillance. , 2016, , .		1
36	Semi-automatic pose estimation of a fleet of robots with embedded stereoscopic cameras. , 2016, , .		4

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37	Online human assisted and cooperative pose estimation of 2D cameras. Expert Systems With Applications, 2016, 60, 258-268.	7.6	3
38	Learning Graph Matching Substitution Weights Based on the Ground Truth Node Correspondence. International Journal of Pattern Recognition and Artificial Intelligence, 2016, 30, 1650005.	1.2	22
39	Generalised Median of a Set of Correspondences Based on the Hamming Distance. Lecture Notes in Computer Science, 2016, , 507-518.	1.3	4
40	Cooperative pose estimation of a fleet of robots based on interactive points alignment. Expert Systems With Applications, 2016, 45, 150-160.	7.6	14
41	Consensus of multiple correspondences between sets of elements. Computer Vision and Image Understanding, 2016, 142, 50-64.	4.7	9
42	On the Relevance of Local Neighbourhoods for Greedy Graph Edit Distance. Lecture Notes in Computer Science, 2016, , 121-131.	1.3	6
43	A Graph Repository for Learning Error-Tolerant Graph Matching. Lecture Notes in Computer Science, 2016, , 519-529.	1.3	19
44	Graph Edit Distance or Graph Edit Pseudo-Distance?. Lecture Notes in Computer Science, 2016, , 530-540.	1.3	2
45	Computation of graph edit distance: Reasoning about optimality and speed-up. Image and Vision Computing, 2015, 40, 38-48.	4.5	45
46	Improving bipartite graph matching by assessing the assignment confidence. Pattern Recognition Letters, 2015, 65, 29-36.	4.2	28
47	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
48	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
49	Ground Truth Correspondence Between Nodes to Learn Graph-Matching Edit-Costs. Lecture Notes in Computer Science, 2015, , 113-124.	1.3	0
50	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
51	Online learning the consensus of multiple correspondences between sets. Knowledge-Based Systems, 2015, 90, 49-57.	7.1	9
52	Interactive graph-matching using active query strategies. Pattern Recognition, 2015, 48, 1364-1373.	8.1	31
53	An interactive method for the image alignment problem based on partially supervised correspondence. Expert Systems With Applications, 2015, 42, 179-192.	7.6	27
54	On the Influence of Node Centralities on Graph Edit Distance for Graph Classification. Lecture Notes in Computer Science, 2015, , 231-241.	1.3	2

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55	A First Step Towards Exact Graph Edit Distance Using Bipartite Graph Matching. Lecture Notes in Computer Science, 2015, , 77-86.	1.3	7
56	Consensus of Two Graph Correspondences Through a Generalisation of the Bipartite Graph Matching. Lecture Notes in Computer Science, 2015, , 87-97.	1.3	4
57	Learning Heuristics to Reduce the Overestimation of Bipartite Graph Edit Distance Approximation. Lecture Notes in Computer Science, 2015, , 17-31.	1.3	4
58	Fast and Efficient Palmprint Identification of a Small Sample within a Full Image. Computacion Y Sistemas, 2015, 18, .	0.3	1
59	An Interactive Model for Structural Pattern Recognition based on the Bayes Classifier. , 2015, , .		1
60	Human interaction to improve the image alignment on a cooperative robotic framework. , 2014, , .		0
61	Towards the estimation of feature-based semantic similarity using multiple ontologies. Knowledge-Based Systems, 2014, 55, 101-113.	7.1	28
62	Fast computation of Bipartite graph matching. Pattern Recognition Letters, 2014, 45, 244-250.	4.2	120
63	Edit Distance Computed by Fast Bipartite Graph Matching. Lecture Notes in Computer Science, 2014, , 253-262.	1.3	2
64	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
65	GRADUATED ASSIGNMENT ALGORITHM FOR MULTIPLE GRAPH MATCHING BASED ON A COMMON LABELING. International Journal of Pattern Recognition and Artificial Intelligence, 2013, 27, 1350001.	1.2	21
66	Active-Learning Query Strategies Applied to Select a Graph Node Given a Graph Labelling. Lecture Notes in Computer Science, 2013, , 61-70.	1.3	9
67	Improving the Correspondence Establishment Based on Interactive Homography Estimation. Lecture Notes in Computer Science, 2013, , 457-465.	1.3	6
68	ON THE GRAPH EDIT DISTANCE COST: PROPERTIES AND APPLICATIONS. International Journal of Pattern Recognition and Artificial Intelligence, 2012, 26, 1260004.	1.2	42
69	Active Graph Matching Based on Pairwise Probabilities between Nodes. Lecture Notes in Computer Science, 2012, , 98-106.	1.3	9
70	Smooth point-set registration using neighboring constraints. Pattern Recognition Letters, 2012, 33, 2029-2037.	4.2	34
71	Graph Database Retrieval Based on Metric-Trees. Lecture Notes in Computer Science, 2012, , 437-447.	1.3	2
72	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

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73	Enabling semantic similarity estimation across multiple ontologies: An evaluation in the biomedical domain. <i>Journal of Biomedical Informatics</i> , 2012, 45, 141-155.	4.3	40
74	A probabilistic integrated object recognition and tracking framework. <i>Expert Systems With Applications</i> , 2012, 39, 7302-7318.	7.6	30
75	On the Relation between the Common Labelling and the Median Graph. <i>Lecture Notes in Computer Science</i> , 2012, , 107-115.	1.3	5
76	A Comparison between Structural and Embedding Methods for Graph Classification. <i>Lecture Notes in Computer Science</i> , 2012, , 234-242.	1.3	3
77	Models and algorithms for computing the common labelling of a set of attributed graphs. <i>Computer Vision and Image Understanding</i> , 2011, 115, 929-945.	4.7	35
78	Parallel Graduated Assignment Algorithm for Multiple Graph Matching Based on a Common Labelling. <i>Lecture Notes in Computer Science</i> , 2011, , 132-141.	1.3	2
79	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
80	Exploration of the Labelling Space Given Graph Edit Distance Costs. <i>Lecture Notes in Computer Science</i> , 2011, , 164-174.	1.3	3
81	A Probabilistic Framework to Obtain a Common Labelling between Attributed Graphs. <i>Lecture Notes in Computer Science</i> , 2011, , 516-523.	1.3	1
82	Graph Matching on a Low-Cost and Parallel Architecture. <i>Lecture Notes in Computer Science</i> , 2011, , 508-515.	1.3	0
83	Generalized median graph computation by means of graph embedding in vector spaces. <i>Pattern Recognition</i> , 2010, 43, 1642-1655.	8.1	82
84	A Discrete Labelling Approach to Attributed Graph Matching Using SIFT Features. , 2010, , .		2
85	Graph Indexing and Retrieval Based on Median Graphs. <i>Lecture Notes in Computer Science</i> , 2010, , 311-321.	1.3	3
86	Graduated Assignment Algorithm for Finding the Common Labelling of a Set of Graphs. <i>Lecture Notes in Computer Science</i> , 2010, , 180-190.	1.3	12
87	Attributed Graph Matching for Image-Features Association Using SIFT Descriptors. <i>Lecture Notes in Computer Science</i> , 2010, , 254-263.	1.3	1
88	Median graphs: A genetic approach based on new theoretical properties. <i>Pattern Recognition</i> , 2009, 42, 2003-2012.	8.1	27
89	Median graph: A new exact algorithm using a distance based on the maximum common subgraph. <i>Pattern Recognition Letters</i> , 2009, 30, 579-588.	4.2	30
90	A Structural and Semantic Probabilistic Model for Matching and Representing a Set of Graphs. <i>Lecture Notes in Computer Science</i> , 2009, , 164-173.	1.3	5

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91	Graph-Based k-Means Clustering: A Comparison of the Set Median versus the Generalized Median Graph. Lecture Notes in Computer Science, 2009, , 342-350.	1.3	19
92	On the Computation of the Common Labelling of a Set of Attributed Graphs. Lecture Notes in Computer Science, 2009, , 137-144.	1.3	10
93	Experimental Assessment of Probabilistic Integrated Object Recognition and Tracking Methods. Lecture Notes in Computer Science, 2009, , 817-824.	1.3	0
94	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
95	A FAST APPROXIMATION OF THE EARTH-MOVERS DISTANCE BETWEEN MULTIDIMENSIONAL HISTOGRAMS. International Journal of Pattern Recognition and Artificial Intelligence, 2008, 22, 1539-1558.	1.2	7
96	Dealing with occlusion in a probabilistic object tracking method. , 2008, , .		7
97	Improving the matching of graphs generated from shapes by the use of procrustes distances into a clique-based MAP formulation. , 2008, , .		0
98	An approximate algorithm for median graph computation using graph embedding. , 2008, , .		9
99	Exact Median Graph Computation Via Graph Embedding. Lecture Notes in Computer Science, 2008, , 15-24.	1.3	3
100	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
101	Shape Learning with Function-Described Graphs. Lecture Notes in Computer Science, 2008, , 475-484.	1.3	0
102	A New Method for Object Tracking Based on Regions Instead of Contours. , 2007, , .		4
103	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
104	A New Algorithm to Compute the Distance Between Multi-dimensional Histograms. , 2007, , 115-123.		2
105	Bounding the Size of the Median Graph. Lecture Notes in Computer Science, 2007, , 491-498.	1.3	0
106	Evaluation of Spectral-Based Methods for Median Graph Computation. Lecture Notes in Computer Science, 2007, , 580-587.	1.3	2
107	Modelling Intermittently Present Features Using Nonlinear Point Distribution Models. , 2007, , 260-273.		0
108	Signatures versus histograms: Definitions, distances and algorithms. Pattern Recognition, 2006, 39, 921-934.	8.1	54

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109	Vision-Based Robot Positioning by an Exact Distance Between Hi. , 2006, , .		2
110	Object Recognition and Tracking in Video Sequences: A New Integrated Methodology. Lecture Notes in Computer Science, 2006, , 481-490.	1.3	2
111	Spectral Median Graphs Applied to Graphical Symbol Recognition. Lecture Notes in Computer Science, 2006, , 774-783.	1.3	2
112	An Efficient Distance Between Multi-dimensional Histograms for Comparing Images. Lecture Notes in Computer Science, 2006, , 412-421.	1.3	1
113	A Fast and Exact Modulo-Distance Between Histograms. Lecture Notes in Computer Science, 2006, , 394-402.	1.3	0
114	Combining Neural Networks and Clustering Techniques for Object Recognition in Indoor Video Sequences. Lecture Notes in Computer Science, 2006, , 399-405.	1.3	1
115	Object and image indexing based on region connection calculus and oriented matroid theory. Discrete Applied Mathematics, 2005, 147, 345-361.	0.9	2
116	Synthesis of Median Spectral Graph. Lecture Notes in Computer Science, 2005, , 139-146.	1.3	10
117	A Fast Distance Between Histograms. Lecture Notes in Computer Science, 2005, , 1027-1035.	1.3	2
118	Matching Attributed Graphs: 2nd-Order Probabilities for Pruning the Search Tree. Lecture Notes in Computer Science, 2005, , 131-138.	1.3	0
119	Distance between 2D-scenes based on oriented matroid theory. , 2004, , .		0
120	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
121	Distance Measures between Attributed Graphs and Second-Order Random Graphs. Lecture Notes in Computer Science, 2004, , 1135-1144.	1.3	1
122	Function-described graphs for modelling objects represented by sets of attributed graphs. Pattern Recognition, 2003, 36, 781-798.	8.1	61
123	Shape Representation and Indexing Based on Region Connection Calculus and Oriented Matroid Theory. Lecture Notes in Computer Science, 2003, , 267-276.	1.3	4
124	Oriented Matroids for Shape Representation and Indexing. Lecture Notes in Computer Science, 2003, , 1012-1019.	1.3	1
125	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
126	Graph-based representations and techniques for image processing and image analysis. Pattern Recognition, 2002, 35, 639-650.	8.1	76

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127	Estimating the Joint Probability Distribution of Random Vertices and Arcs by Means of Second-Order Random Graphs. Lecture Notes in Computer Science, 2002, , 252-262.	1.3	9
128	Distance between Attributed Graphs and Function-Described Graphs Relaxing 2nd Order Restrictions. Lecture Notes in Computer Science, 2000, , 277-286.	1.3	5
129	Synthesis of function-described graphs. Lecture Notes in Computer Science, 1998, , 112-121.	1.3	8
130	Function-described graphs applied to 3D object representation. Lecture Notes in Computer Science, 1997, , 701-708.	1.3	8
131	Symmetry guidelines for the design of convergent syntheses. On narcissistic coupling and la coupe du roi. Journal of the American Chemical Society, 1992, 114, 2623-2630.	13.7	8
132	Perhydrotriquinacenic hosts. 2. Synthesis and complexation properties of speleands of C3symmetry.. Tetrahedron, 1992, 48, 1497-1506.	1.9	10
133	Stereoselective Synthesis ofTris-endo-tricyclo [5.2.1.04,10]decane-2,5,8-triamine. Synthetic Communications, 1991, 21, 1643-1648.	2.1	1
134	Acetylenes and diazoketones in organic synthesis. Journal of Organometallic Chemistry, 1991, 413, 445-458.	1.8	5
135	Perhydrotriquinacenic hosts. 1. Synthesis, complexation and transport properties of tripodands of C3 symmetry.. Tetrahedron, 1991, 47, 5867-5876.	1.9	13
136	Convenient synthesis of silylketenes from 1-tert-butoxy-2-silylethyne. Journal of Organic Chemistry, 1990, 55, 395-397.	3.2	48
137	1,4-Dialkoxy-1,3-butadiynes. Journal of the American Chemical Society, 1990, 112, 7405-7406.	13.7	73
138	Synthesis and chiroptical properties of 3-perhydrotriquinacene derivatives. Tetrahedron, 1988, 44, 2657-2662.	1.9	26
139	Generation and cyclotrimerization of 1,4-dioxacyclohexyne (p-dioxyne). Journal of the Chemical Society Chemical Communications, 1988, , 942-943.	2.0	13
140	Improved Synthesis of Tricyclo (5.2.1.04,10) Decane-2,5,8-Trione by a Pauson-Khand Intramolecular Bis-Annulation. Synthetic Communications, 1988, 18, 381-390.	2.1	22
141	Stereoselectivity in Intramolecular Cobalt-Mediated Bis-Annulations Leading to Triquinacene Derivatives. Synthetic Communications, 1988, 18, 1079-1089.	2.1	14
142	A Convenient Procedure for the Synthesis of Propargyl Ethers Derived from Secondary Alcohols. Synthesis, 1988, 1988, 707-709.	2.3	12
143	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
144	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. Journal of the Chemical Society Perkin Transactions 1, 1987, , 2749-2752.	0.9	19

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145	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
146	A semiempirical (AM1, MNDO, and MINDO/3) study on the thermolysis of 1-alkynyl ethers. Reaction analysis by correlation of localized molecular orbitals. Journal of Organic Chemistry, 1987, 52, 5532-5538.	3.2	19
147	Synthesis and hydroboration/oxidation of tricyclo(5.2.1.0 ⁴ ,10)dec-8-ene-2,5-dione(bis-acetal): new synthetic entry to tricyclo(5.2.1.0 ⁴ ,10)decane-2, 5, 8-trione. Tetrahedron, 1987, 43, 2147-2156.	1.9	10
148	An efficient synthesis of -alkoxyethynes. Tetrahedron, 1987, 43, 2311-2316.	1.9	41
149	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
150	Synthesis of tricyclo(5.2.1.0 ⁴ ,10)decane-2,5,8-trione from deslongchamps's diketone. Tetrahedron, 1986, 42, 3637-3648.	1.9	11
151	Synthesis of triquinacene derivatives. Tetrahedron, 1986, 42, 1831-1839.	1.9	48
152	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 I, 1986, , 2055.	0.9	4
153	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
154	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
155	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
156	An Improved Synthesis of Deslongchamps's Diketone by Direct Regioselective Functionalization of endo-Dicyclopentadiene. Synthetic Communications, 1985, 15, 951-958.	2.1	3
157	Synthesis of cis-bicyclo[3.3.0]oct-3-ene-2,7-dione, a highly functionalized cyclopentanoid intermediate. Tetrahedron Letters, 1984, 25, 2031-2034.	1.4	21
158	An improved synthesis of triquinacene derivatives. Two-step regioselective oxidation of endo-dicyclopentadiene to Deslongchamps's diketone. Journal of the Chemical Society Chemical Communications, 1984, , 825.	2.0	14
159	Correspondence - On the Offense of Reviewers. Accounts of Chemical Research, 1984, 17, 2-2.	15.6	0
160	Paul Klee and the genesis of deltic and squaric acids. Journal of Chemical Education, 1984, 61, 1035.	2.3	1
161	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
162	Goal!: an exercise in IUPAC nomenclature. Journal of Chemical Education, 1983, 60, 941.	2.3	15

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163	Acetylene diethers: a logical entry to oxocarbons. <i>Accounts of Chemical Research</i> , 1983, 16, 170-176.	15.6	71
164	ALKYLATION OF TRIMETHYLSILYLCYCLOPENTADIENIDE ANION WITH <i>tert</i> -BUTYL BROMOACETATE. A DESILYLATION REACTION ASSISTED BY A REMOTE STERIC REPULSION. <i>Chemistry Letters</i> , 1982, 11, 1189-1190.	1.3	3
165	The IUPAC systematic names of the regular polyhedranes: An exercise in organic chemistry nomenclature. <i>Journal of Chemical Education</i> , 1982, 59, 126.	2.3	3
166	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
167	Acetylene diethers. <i>Tetrahedron</i> , 1982, 38, 1505-1508.	1.9	10
168	Synthetic applications of di- <i>tert</i> -butoxyethyne, II: New syntheses of squaric, semisquaric and croconic acids. <i>Tetrahedron Letters</i> , 1982, 23, 361-364.	1.4	27
169	Diisopropoxy- and di- <i>tert</i> -butoxyethyne. <i>Tetrahedron</i> , 1981, 37, 1441-1449.	1.9	24
170	Protonation of methane(<i>tri</i> - \hat{t} -diazoacetone) in acid softening solvents. <i>Tetrahedron</i> , 1977, 33, 995-998.	1.9	7
171	Lanthanide NMR shift reagents and stereochemical assignments. <i>Tetrahedron</i> , 1976, 32, 2583-2587.	1.9	5
172	An approach to the synthesis of acetylene diethers via tetrachlorobenzynes. Methoxycarbynes versus dimethoxyacetylene. <i>Tetrahedron</i> , 1975, 31, 1315-1319.	1.9	6
173	Reactions on basic alumina. <i>Journal of Chemical Education</i> , 1969, 46, 302.	2.3	4
174	Intramolecular cyclization of alkyl-propargylidenemalonic acids. <i>Tetrahedron</i> , 1964, 20, 2701-2708.	1.9	21
175	The reaction of diazomethane with double bonds. <i>Tetrahedron</i> , 1962, 18, 1381-1394.	1.9	20
176	An acetylenic approach to patulin derivatives. <i>Tetrahedron</i> , 1961, 16, 185-191.	1.9	23
177	Über 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
178	Learning and recognising 3D models represented by multiple views by means of methods based on random graphs. , 0, , .		0
179	Efficient algorithms for matching attributed graphs and function-described graphs. , 0, , .		10
180	Clustering of attributed graphs and unsupervised synthesis of function-described graphs. , 0, , .		11

#	ARTICLE	IF	CITATIONS
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