

# Michael Antolovich

## List of Publications by Year in descending order

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63  
papers

4,018  
citations

257450

24  
h-index

243625

44  
g-index

65  
all docs

65  
docs citations

65  
times ranked

4615  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rain Streak Removal with Well-Recovered Moving Objects from Video Sequences Using Photometric Correlation. Lecture Notes in Computer Science, 2020, , 3-13.	1.3	0
2	A hybrid algorithm for low-rank approximation of nonnegative matrix factorization. Neurocomputing, 2019, 364, 129-137.	5.9	3
3	Sports Highlights Generation using Decomposed Audio Information. , 2019, , .		5
4	Parametric Classification of Bingham Distributions Based on Grassmann Manifolds. IEEE Transactions on Image Processing, 2019, 28, 5771-5784.	9.8	1
5	Tensorizing Restricted Boltzmann Machine. ACM Transactions on Knowledge Discovery From Data, 2019, 13, 1-16.	3.5	3
6	A Nonnegative Projection Based Algorithm for Low-Rank Nonnegative Matrix Approximation. Lecture Notes in Computer Science, 2017, , 240-247.	1.3	0
7	Classification on Grassmann Manifold via Scheiddegger-Watson Distribution using Bayesian Approach. , 2016, , .		0
8	Density estimation on Stiefel manifolds using matrix-Fisher model. , 2016, , .		1
9	Recognition on Grassmann manifolds via parametric modelling. , 2016, , .		0
10	MLE-Based Learning on Grassmann Manifolds. , 2016, , .		0
11	Recognition on Matrix Angular Central Gaussian Distribution. , 2016, , .		0
12	Learning on Fisher-Bingham Model Based on Normalizing Constant. , 2016, , .		1
13	GPR signal attenuation through fragmented rock. Mining Technology: Transactions of the Institute of Materials, Minerals and Mining Section A, 2016, 125, 114-120.	0.8	1
14	Detection of Pre-stage of Epileptic Seizure by Exploiting Temporal Correlation of EMD Decomposed EEG Signals. Journal of Medical and Bioengineering, 2015, 4, 110-116.	0.5	13
15	Learning from Demonstration Using GMM, CHMM and DHMM: A Comparison. Lecture Notes in Computer Science, 2015, , 204-217.	1.3	0
16	Rock Fragment Boundary Detection Using Compressed Random Features. Communications in Computer and Information Science, 2015, , 273-286.	0.5	1
17	Image Segmentation Using Dictionary Learning and Compressed Random Features. , 2014, , .		0
18	Image segmentation using random features. , 2014, , .		2

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19	Convergence Problem in GMM Related Robot Learning from Demonstration. Lecture Notes in Computer Science, 2014, , 62-71.	1.3	1
20	UND: Unite-and-Divide Method in Fourier and Radon Domains for Line Segment Detection. IEEE Transactions on Image Processing, 2013, 22, 2501-2506.	9.8	4
21	Laboratory measurement of fragmented ore bulk density using ground penetrating radar. Mining Technology: Transactions of the Institute of Materials, Minerals and Mining Section A, 2013, 122, 250-255.	0.8	1
22	Multi-view video compression using dynamic background frame and 3D motion estimation. , 2012, , .		1
23	Robot learning by a mining tunnel inspection robot. , 2012, , .		2
24	FOCUSING GROUND PENETRATING RADAR IMAGES WITH VERTICAL OFFSET FILTERING. Progress in Electromagnetics Research M, 2011, 19, 183-195.	0.9	1
25	Application of Learning from Demonstration to a Mining Tunnel Inspection Robot. , 2011, , .		3
26	Determining bulk density of mine rock piles using ground penetrating radar frequency downshift. , 2011, , .		4
27	Novel methods for high-resolution facial image capture using calibrated PTZ and static cameras. , 2008, , .		3
28	L1 LASSO Modeling and Its Bayesian Inference. Lecture Notes in Computer Science, 2008, , 318-324.	1.3	0
29	LC-MS Investigation of Oxidation Products of Phenolic Antioxidants. Journal of Agricultural and Food Chemistry, 2004, 52, 962-971.	5.2	94
30	Varietal and processing effects on the volatile profile of Australian olive oils. Food Chemistry, 2004, 84, 341-349.	8.2	63
31	Explanation of the Anomalous Complexation of Silver(I) with Ammonia in Terms of the Poor Affinity of the Ion for Water. ChemInform, 2004, 35, no.	0.0	0
32	Explanation of the Anomalous Complexation of Silver(I) with Ammonia in Terms of the Poor Affinity of the Ion for Water. Journal of Physical Chemistry A, 2004, 108, 8434-8438.	2.5	23
33	De Novo Design of a D2-Symmetrical Protein that Reproduces the Diheme Four-Helix Bundle in Cytochrome bc1. Journal of the American Chemical Society, 2004, 126, 8141-8147.	13.7	78
34	Quantitative Changes in Phenolic Content during Physiological Development of the Olive (Olea) Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 1.	5.2	95
35	Liquid Chromatography~Mass Spectrometry (LC-MS) Investigation of the Thiobarbituric Acid Reactive Substances (TBARS) Reaction. Journal of Agricultural and Food Chemistry, 2002, 50, 1720-1724.	5.2	68
36	Identification of Phenolic Compounds in Tissues of the Novel Olive Cultivar Hardy's Mammoth. Journal of Agricultural and Food Chemistry, 2002, 50, 6716-6724.	5.2	105

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37	Biotransformations of phenolic compounds in <i>Olea europaea</i> L.. <i>Scientia Horticulturae</i> , 2002, 92, 147-176.	3.6	207
38	Methods for testing antioxidant activity. <i>Analyst, The</i> , 2002, 127, 183-198.	3.5	891
39	Detection of Adulteration in Australian Orange Juices by Stable Carbon Isotope Ratio Analysis (SCIRA). <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 2623-2626.	5.2	29
40	The Role of the Peripheral Benzodiazepine Receptor in the Apoptotic Response to Photodynamic Therapy. <i>Photochemistry and Photobiology</i> , 2001, 74, 346.	2.5	41
41	Phenolic content and antioxidant activity of olive extracts. <i>Food Chemistry</i> , 2001, 73, 73-84.	8.2	868
42	Recovery of phenolic compounds from <i>Olea europaea</i> . <i>Analytica Chimica Acta</i> , 2001, 445, 67-77.	5.4	36
43	COPPER(II), NICKEL(II) AND COBALT(II) COMPLEXES WITH $\epsilon$ -BIS(2-DIMETHYLAMINOETHYL)PYRIDINE-2,6-DICARBOXAMIDE 1-OXIDE. BINUCLEATING BEHAVIOUR BY A DEPROTONATED PYRIDINE $\epsilon$ -OXIDE LIGAND. <i>Journal of Coordination Chemistry</i> , 2000, 50, 119-130.	2.2	0
44	Sample preparation in the determination of phenolic compounds in fruits. <i>Analyst, The</i> , 2000, 125, 989-1009.	3.5	259
45	Applications of mass spectrometry to plant phenols. <i>TrAC - Trends in Analytical Chemistry</i> , 1999, 18, 362-372.	11.4	50
46	Liquid chromatography with electrospray ionisation mass spectrometric detection of phenolic compounds from <i>Olea europaea</i> . <i>Journal of Chromatography A</i> , 1999, 855, 529-537.	3.7	85
47	Analytical Chemistry of Fruit Bioflavonoids A Review. <i>Analyst, The</i> , 1997, 122, 11R-34R.	3.5	386
48	Characterisation of citrus by chromatographic analysis of flavonoids. <i>Journal of the Science of Food and Agriculture</i> , 1997, 75, 87-101.	3.5	98
49	First syntheses of fused pyrroloporphyrins. <i>Chemical Communications</i> , 1996, , 1475.	4.1	56
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55	Ligand design and metal-ion recognition. Comparison of the interaction of cobalt(II) and nickel(II) with 16- to 19-membered mixed-donor macrocycles. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 1869.	1.1	45
56	Laser desorption fourier transform mass spectrometric study of porphyrins attached to hydrocarbon spacers. <i>Organic Mass Spectrometry</i> , 1992, 27, 1034-1041.	1.3	7
57	Macrocyclic ligand ring size effects. Part 2. Synthetic, structural and electrochemical studies of the interaction of Ni II with 14-membered tetraaza macrocycles containing fused dibenzo substituents. <i>Journal of the Chemical Society Dalton Transactions</i> , 1991, , 2493.	1.1	25
58	Comparative molecular mechanics study of the low-spin nickel(II) complexes of an extended series of tetraaza macrocycles. <i>Journal of the American Chemical Society</i> , 1991, 113, 3346-3351.	13.7	67
59	X-ray structure of [dibromo(pco-O, O <sup>2-</sup> )(pco-O)copper(II)] (pco=2-pyridinecarboxamide 1-oxide), a simple structure which contains a unidentate and bidentate form of the same ligand. <i>Inorganica Chimica Acta</i> , 1991, 190, 205-208.	2.4	4
60	Modeling long-range photosynthetic electron transfer in rigidly bridged porphyrin-quinone systems. <i>The Journal of Physical Chemistry</i> , 1991, 95, 1933-1941.	2.9	63
61	Metal complexes of the deprotonated form of N,N <sup>2-</sup> -bis(2 <sup>2-</sup> -pyridinecarboxamide 1 <sup>2-</sup> -oxide)-1,2-ethane, (enpco), a dinegative N2O2 quadridentate pyridine N-oxide ligand. X-ray crystal structure of [Cu(enpco-2H)]2 <sup>+</sup> ·8H2O. <i>Inorganica Chimica Acta</i> , 1989, 156, 189-193.	2.4	11
62	The synthesis of bichromophoric rigid norbornylogous systems containing the porphyrin group as one of the chromophores. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1989, , 783.	0.9	18
63	X-Ray structure of Cu2(medpco)Cl4, a complex with the potentially binucleating N-oxide ligand N,N <sup>2-</sup> -bis(2-N,N-dimethylaminoethyl) pyridine-2,6-dicarboxamide 1-oxide (medpco). <i>Journal of the Chemical Society Chemical Communications</i> , 1984, , 582-583.	2.0	8