

# Michael Antolovich

## List of Publications by Citations

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55  
papers

3,272  
citations

23  
h-index

57  
g-index

65  
ext. papers

3,544  
ext. citations

4.8  
avg, IF

4.63  
L-index

#	Paper	IF	Citations
55	Methods for testing antioxidant activity. <i>Analyst, The</i> , <b>2002</b> , 127, 183-98	5	716
54	Phenolic content and antioxidant activity of olive extracts. <i>Food Chemistry</i> , <b>2001</b> , 73, 73-84	8.5	623
53	Analytical Chemistry of Fruit Bioflavonoids A Review. <i>Analyst, The</i> , <b>1997</b> , 122, 11R-34R	5	337
52	Sample preparation in the determination of phenolic compounds in fruits. <i>Analyst, The</i> , <b>2000</b> , 125, 989-1009	10.9	218
51	Biotransformations of phenolic compounds in <i>Olea europaea</i> L.. <i>Scientia Horticulturae</i> , <b>2002</b> , 92, 147-176	4.1	165
50	Identification of phenolic compounds in tissues of the novel olive cultivar hardy's mammoth. <i>Journal of Agricultural and Food Chemistry</i> , <b>2002</b> , 50, 6716-24	5.7	93
49	Characterisation of citrus by chromatographic analysis of flavonoids. <i>Journal of the Science of Food and Agriculture</i> , <b>1997</b> , 75, 87-101	4.3	86
48	Methods for assessing the authenticity of orange juice. A review. <i>Analyst, The</i> , <b>1995</b> , 120, 1	5	85
47	Quantitative changes in phenolic content during physiological development of the olive ( <i>Olea europaea</i> ) cultivar Hardy's Mammoth. <i>Journal of Agricultural and Food Chemistry</i> , <b>2003</b> , 51, 2532-8	5.7	81
46	LC-MS investigation of oxidation products of phenolic antioxidants. <i>Journal of Agricultural and Food Chemistry</i> , <b>2004</b> , 52, 962-71	5.7	78
45	Liquid chromatography with electrospray ionisation mass spectrometric detection of phenolic compounds from <i>Olea europaea</i> . <i>Journal of Chromatography A</i> , <b>1999</b> , 855, 529-37	4.5	76
44	De novo design of a D2-symmetrical protein that reproduces the diheme four-helix bundle in cytochrome bc1. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 8141-7	16.4	69
43	Varietal and processing effects on the volatile profile of Australian olive oils. <i>Food Chemistry</i> , <b>2004</b> , 84, 341-349	8.5	56
42	Liquid chromatography-mass spectrometry (LC-MS) investigation of the thiobarbituric acid reactive substances (TBARS) reaction. <i>Journal of Agricultural and Food Chemistry</i> , <b>2002</b> , 50, 1720-4	5.7	56
41	Modeling long-range photosynthetic electron transfer in rigidly bridged porphyrin-quinone systems. <i>The Journal of Physical Chemistry</i> , <b>1991</b> , 95, 1933-1941		55
40	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> , <b>1991</b> , 113, 3346-3351	16.4	50
39	First syntheses of fused pyrroloporphyrins. <i>Chemical Communications</i> , <b>1996</b> , 1475	5.8	49

38	Applications of mass spectrometry to plant phenols. <i>TrAC - Trends in Analytical Chemistry</i> , <b>1999</b> , 18, 362-372	4.2	42
37	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> , <b>1992</b> , 1869		40
36	The role of the peripheral benzodiazepine receptor in the apoptotic response to photodynamic therapy. <i>Photochemistry and Photobiology</i> , <b>2001</b> , 74, 346-9	3.6	37
35	Ligand design and metal-ion recognition. The interaction of copper(II) with a range of 16- to 19-membered macrocycles incorporating oxygen, nitrogen and sulfur donor atoms. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1993</b> , 1013		37
34	Recovery of phenolic compounds from <i>Olea europaea</i> . <i>Analytica Chimica Acta</i> , <b>2001</b> , 445, 67-77	6.6	33
33	Detection of adulteration in Australian orange juices by stable carbon isotope ratio analysis (SCIRA). <i>Journal of Agricultural and Food Chemistry</i> , <b>2001</b> , 49, 2623-6	5.7	24
32	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> , <b>1991</b> , 2493		23
31	On the nature of the host-guest interaction between cyclam and 4-tert-butylbenzoic acid system pre-assembled for metal complex formation. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1994</b> , 1539-1540		20
30	Explanation of the Anomalous Complexation of Silver(I) with Ammonia in Terms of the Poor Affinity of the Ion for Water. <i>Journal of Physical Chemistry A</i> , <b>2004</b> , 108, 8434-8438	2.8	17
29	Comparative molecular mechanics study of the high-spin nickel(II) complexes of an extended series of tetraaza macrocycles. <i>Journal of Molecular Structure</i> , <b>1994</b> , 323, 223-231	3.4	17
28	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> , <b>1989</b> , 783		16
27	Detection of Pre-stage of Epileptic Seizure by Exploiting Temporal Correlation of EMD Decomposed EEG Signals. <i>Journal of Medical and Bioengineering</i> , <b>2015</b> , 4, 110-116		12
26	Metal complexes of the deprotonated form of N,N'-bis(2-pyridinecarboxamide 1-oxide)-1,2-ethane, (enpco), a dinegative N <sub>2</sub> O <sub>2</sub> quadridentate pyridine N-oxide ligand. X-ray crystal structure of [Cu(enpco-2H)] <sub>2</sub> ·2H <sub>2</sub> O. <i>Inorganica Chimica Acta</i> , <b>1989</b> , 156, 189-193	2.7	10
25	X-ray crystal structure of Cu <sub>2</sub> (medpco-2H)Cl <sub>2</sub> , (medpco = N,N'-bis(2-N,N-dimethylaminoethyl)pyridine-2,6-dicarboxamide 1-oxide. Copper(II) complexes of a deprotonated binucleating pyridine N-oxide ligand. <i>Inorganica Chimica Acta</i> , <b>1995</b> , 230, 139-144	2.7	8
24	X-Ray structure of Cu <sub>2</sub> (medpco)Cl <sub>4</sub> , a complex with the potentially binucleating N-oxide ligand N,N'-bis(2-N,N-dimethylaminoethyl) pyridine-2,6-dicarboxamide 1-oxide (medpco). <i>Journal of the Chemical Society Chemical Communications</i> , <b>1984</b> , 582-583		8
23	Laser desorption fourier transform mass spectrometric study of porphyrins attached to hydrocarbon spacers. <i>Organic Mass Spectrometry</i> , <b>1992</b> , 27, 1034-1041		5
22	X-ray structure of [dibromo(pco-O, O')(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> , <b>1991</b> , 190, 205-208	2.7	4
21	Tensorizing Restricted Boltzmann Machine. <i>ACM Transactions on Knowledge Discovery From Data</i> , <b>2019</b> , 13, 1-16	4	3

20	UND: unite-and-divide method in Fourier and Radon domains for line segment detection. <i>IEEE Transactions on Image Processing</i> , <b>2013</b> , 22, 2500-5	8.7	3
19	Application of Learning from Demonstration to a Mining Tunnel Inspection Robot <b>2011</b> ,		3
18	Determining bulk density of mine rock piles using ground penetrating radar frequency downshift <b>2011</b> ,		3
17	Sports Highlights Generation using Decomposed Audio Information <b>2019</b> ,		2
16	A hybrid algorithm for low-rank approximation of nonnegative matrix factorization. <i>Neurocomputing</i> , <b>2019</b> , 364, 129-137	5.4	2
15	Parametric Classification of Bingham Distributions Based on Grassmann Manifolds. <i>IEEE Transactions on Image Processing</i> , <b>2019</b> , 28, 5771-5784	8.7	1
14	GPR signal attenuation through fragmented rock. <i>Mining Technology: Transactions of the Institute of Materials, Minerals and Mining Section A</i> , <b>2016</b> , 125, 114-120		1
13	Image segmentation using random features <b>2014</b> ,		1
12	Robot learning by a mining tunnel inspection robot <b>2012</b> ,		1
11	Laboratory measurement of fragmented ore bulk density using ground penetrating radar. <i>Mining Technology: Transactions of the Institute of Materials, Minerals and Mining Section A</i> , <b>2013</b> , 122, 250-255		1
10	FOCUSING GROUND PENETRATING RADAR IMAGES WITH VERTICAL OFFSET FILTERING. <i>Progress in Electromagnetics Research M</i> , <b>2011</b> , 19, 183-195	0.6	1
9	Multi-view video compression using dynamic background frame and 3D motion estimation <b>2012</b> ,		1
8	Convergence Problem in GMM Related Robot Learning from Demonstration. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 62-71	0.9	1
7	Improving the Efficiency of Spiking Network Learning. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 172-179	0.9	1
6	Rock Fragment Boundary Detection Using Compressed Random Features. <i>Communications in Computer and Information Science</i> , <b>2015</b> , 273-286	0.3	1
5	COPPER(II), NICKEL(II) AND COBALT(II) COMPLEXES WITH N,N?-BIS(2-N,N-DIMETHYLAMINOETHYL)PYRIDINE-2,6-DICARBOXAMIDE 1-OXIDE. BINUCLEATING BEHAVIOUR BY A DEPROTONATED PYRIDINE N-OXIDE LIGAND. <i>Journal of Coordination Chemistry</i> , <b>2000</b> , 50, 119-130	1.6	
4	Rain Streak Removal with Well-Recovered Moving Objects from Video Sequences Using Photometric Correlation. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 3-13	0.9	
3	L1 LASSO Modeling and Its Bayesian Inference. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 318-324	0.9	

- 2 Learning from Demonstration Using GMM, CHMM and DHMM: A Comparison. *Lecture Notes in Computer Science*, **2015**, 204-217 0.9
- 1 A Nonnegative Projection Based Algorithm for Low-Rank Nonnegative Matrix Approximation. *Lecture Notes in Computer Science*, **2017**, 240-247 0.9