

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	Methods for testing antioxidant activity. Analyst, The, 2002, 127, 183-198.	3.5	891
2	Phenolic content and antioxidant activity of olive extracts. Food Chemistry, 2001, 73, 73-84.	8.2	868
3	Analytical Chemistry of Fruit BioflavonoidsA Review. Analyst, The, 1997, 122, 11R-34R.	3.5	386
4	Sample preparation in the determination of phenolic compounds in fruits. Analyst, The, 2000, 125, 989-1009.	3.5	259
5	Biotransformations of phenolic compounds in Olea europaea L.. Scientia Horticulturae, 2002, 92, 147-176.	3.6	207
6	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
7	Characterisation of citrus by chromatographic analysis of flavonoids. Journal of the Science of Food and Agriculture, 1997, 75, 87-101.	3.5	98
8	Quantitative Changes in Phenolic Content during Physiological Development of the Olive (Olea) Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 4	5.2	95
9	LC-MS Investigation of Oxidation Products of Phenolic Antioxidants. Journal of Agricultural and Food Chemistry, 2004, 52, 962-971.	5.2	94
10	Methods for assessing the authenticity of orange juice. A review. Analyst, The, 1995, 120, 1.	3.5	93
11	Liquid chromatography with electrospray ionisation mass spectrometric detection of phenolic compounds from Olea europaea. Journal of Chromatography A, 1999, 855, 529-537.	3.7	85
12	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
13	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
14	Comparative molecular mechanics study of the low-spin nickel(II) complexes of an extended series of tetraaza macrocycles. Journal of the American Chemical Society, 1991, 113, 3346-3351.	13.7	67
15	Modeling long-range photosynthetic electron transfer in rigidly bridged porphyrin-quinone systems. The Journal of Physical Chemistry, 1991, 95, 1933-1941.	2.9	63
16	Varietal and processing effects on the volatile profile of Australian olive oils. Food Chemistry, 2004, 84, 341-349.	8.2	63
17	First syntheses of fused pyrroloporphyrins. Chemical Communications, 1996, , 1475.	4.1	56
18	Applications of mass spectrometry to plant phenols. TrAC - Trends in Analytical Chemistry, 1999, 18, 362-372.	11.4	50

#	ARTICLE	IF	CITATIONS
19	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
20	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> , 1993, , 1013.	1.1	44
21	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
22	Recovery of phenolic compounds from <i>Olea europaea</i> . <i>Analytica Chimica Acta</i> , 2001, 445, 67-77.	5.4	36
23	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
24	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
25	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> , 2004, 108, 8434-8438.	2.5	23
26	On the nature of the host-guest interaction between cyclam and 4-tert-butylbenzoic acid—a system pre-assembled for metal complex formation. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 1539-1540.	2.0	21
27	Comparative molecular mechanics study of the high-spin nickel(II) complexes of an extended series of tetraaza macrocycles. <i>Journal of Molecular Structure</i> , 1994, 323, 223-231.	3.6	19
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> , 1989, , 783.	0.9	18
29	Detection of Pre-stage of Epileptic Seizure by Exploiting Temporal Correlation of EMD Decomposed EEG Signals. <i>Journal of Medical and Bioengineering</i> , 2015, 4, 110-116.	0.5	13
30	Metal complexes of the deprotonated form of N,N'-bis(2-pyridinecarboxamide 1-oxide)-1,2-ethane, (enpco), a dinegative N2O2 quadridentate pyridine N-oxide ligand. X-ray crystal structure of [Cu(enpco-2H)]2·8H2O. <i>Inorganica Chimica Acta</i> , 1989, 156, 189-193.	2.4	11
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#	ARTICLE	IF	CITATIONS
37	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
38	Novel methods for high-resolution facial image capture using calibrated PTZ and static cameras. , 2008, , .		3
39	Application of Learning from Demonstration to a Mining Tunnel Inspection Robot. , 2011, , .		3
40	A hybrid algorithm for low-rank approximation of nonnegative matrix factorization. Neurocomputing, 2019, 364, 129-137.	5.9	3
41	Tensorizing Restricted Boltzmann Machine. ACM Transactions on Knowledge Discovery From Data, 2019, 13, 1-16.	3.5	3
42	Robot learning by a mining tunnel inspection robot. , 2012, , .		2
43	Image segmentation using random features. , 2014, , .		2
44	FOCUSING GROUND PENETRATING RADAR IMAGES WITH VERTICAL OFFSET FILTERING. Progress in Electromagnetics Research M, 2011, 19, 183-195.	0.9	1
45	Multi-view video compression using dynamic background frame and 3D motion estimation. , 2012, , .		1
46	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
47	Density estimation on Stiefel manifolds using matrix-Fisher model. , 2016, , .		1
48	Learning on Fisher-Bingham Model Based on Normalizing Constant. , 2016, , .		1
49	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
50	Parametric Classification of Bingham Distributions Based on Grassmann Manifolds. IEEE Transactions on Image Processing, 2019, 28, 5771-5784.	9.8	1
51	Convergence Problem in GMM Related Robot Learning from Demonstration. Lecture Notes in Computer Science, 2014, , 62-71.	1.3	1
52	Rock Fragment Boundary Detection Using Compressed Random Features. Communications in Computer and Information Science, 2015, , 273-286.	0.5	1
53	COPPER(II), NICKEL(II) AND COBALT(II) COMPLEXES WITH $\text{N,N'-bis(2-(N,N'-dimethylaminoethyl)pyridine-2,6-dicarboxamide 1-oxide. BINUCLEATING BEHAVIOUR BY A DEPROTONATED PYRIDINE N-oxide LIGAND. Journal of Coordination Chemistry, 2000. 50. 119-130.}$	2.2	0
54	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

#	ARTICLE	IF	CITATIONS
55	Image Segmentation Using Dictionary Learning and Compressed Random Features. , 2014, , .		0
56	Classification on Grassmann Manifold via Scheiddegger-Watson Distribution using Bayesian Approach. , 2016, , .		0
57	Recognition on Grassmann manifolds via parametric modelling. , 2016, , .		0
58	MLE-Based Learning on Grassmann Manifolds. , 2016, , .		0
59	Recognition on Matrix Angular Central Gaussian Distribution. , 2016, , .		0
60	L1 LASSO Modeling and Its Bayesian Inference. Lecture Notes in Computer Science, 2008, , 318-324.	1.3	0
61	Learning from Demonstration Using GMM, CHMM and DHMM: A Comparison. Lecture Notes in Computer Science, 2015, , 204-217.	1.3	0
62	A Nonnegative Projection Based Algorithm for Low-Rank Nonnegative Matrix Approximation. Lecture Notes in Computer Science, 2017, , 240-247.	1.3	0
63	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