

# Angelo Antoni D Archivio

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/2968836/angelo-antoni-darchivio-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

64  
papers

1,027  
citations

20  
h-index

28  
g-index

66  
ext. papers

1,183  
ext. citations

4.6  
avg, IF

4.68  
L-index

#	Paper	IF	Citations
64	Geographical Discrimination of Bell Pepper () Spices by (HS)-SPME/GC-MS Aroma Profiling and Chemometrics. <i>Molecules</i> , <b>2021</b> , 26,	4.8	2
63	ICP-OES analysis coupled with chemometrics for the characterization and the discrimination of high added value Italian Emmer samples. <i>Journal of Food Composition and Analysis</i> , <b>2021</b> , 98, 103842	4.1	1
62	Characterization of the Volatile Profile of Cultivated and Wild-Type Italian Celery ( <i>Apium graveolens</i> L.) Varieties by HS-SPME/GC-MS. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 5855	2.6	2
61	Detection of Plant-Derived Adulterants in Saffron ( <i>Crocus sativus</i> L.) by HS-SPME/GC-MS Profiling of Volatiles and Chemometrics. <i>Food Analytical Methods</i> , <b>2021</b> , 14, 784-796	3.4	3
60	Sequential Data Fusion Techniques for the Authentication of the P.G.I. Senise (Trusco) Bell Pepper. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 1709	2.6	2
59	Geographical Classification of Italian Saffron ( L.) by Multi-Block Treatments of UV-Vis and IR Spectroscopic Data. <i>Molecules</i> , <b>2020</b> , 25,	4.8	4
58	Retention Modelling of Phenoxy Acid Herbicides in Reversed-Phase HPLC under Gradient Elution. <i>Molecules</i> , <b>2020</b> , 25,	4.8	1
57	Discrimination of Potato ( <i>Solanum tuberosum</i> L.) Accessions Collected in Majella National Park (Abruzzo, Italy) Using Mid-Infrared Spectroscopy and Chemometrics Combined with Morphological and Molecular Analysis. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 1630	2.6	7
56	Curcuminoids-loaded liposomes: influence of lipid composition on their physicochemical properties and efficacy as delivery systems. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2020</b> , 597, 124759	5.1	11
55	Authentication of PDO saffron of L'Aquila ( <i>Crocus sativus</i> L.) by HPLC-DAD coupled with a discriminant multi-way approach. <i>Food Control</i> , <b>2020</b> , 110, 107022	6.2	5
54	Geographical discrimination of red garlic ( <i>Allium sativum</i> L.) using fast and non-invasive Attenuated Total Reflectance-Fourier Transformed Infrared (ATR-FTIR) spectroscopy combined with chemometrics. <i>Journal of Food Composition and Analysis</i> , <b>2020</b> , 86, 103351	4.1	15
53	Application of Novel Techniques for Monitoring Quality Changes in Meat and Fish Products during Traditional Processing Processes: Reconciling Novelty and Tradition. <i>Processes</i> , <b>2020</b> , 8, 988	2.9	7
52	Geographical discrimination of saffron ( <i>Crocus sativus</i> L.) using ICP-MS elemental data and class modeling of PDO Zafferano dell'Aquila produced in Abruzzo (Italy). <i>Food Analytical Methods</i> , <b>2019</b> , 12, 2572-2581	3.4	9
51	Geographical classification of Iranian and Italian saffron sources based on HPLC analysis and UV-Vis spectra of aqueous extracts. <i>European Food Research and Technology</i> , <b>2019</b> , 245, 2435-2446	3.4	8
50	Geographical discrimination of garlic ( <i>Allium Sativum</i> L.) based on Stable isotope ratio analysis coupled with statistical methods: The Italian case study. <i>Food and Chemical Toxicology</i> , <b>2019</b> , 134, 110862	4.7	12
49	Characterisation of Gas-Chromatographic Poly(Siloxane) Stationary Phases by Theoretical Molecular Descriptors and Prediction of McReynolds Constants. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	3
48	Artificial Neural Network Prediction of Retention of Amino Acids in Reversed-Phase HPLC under Application of Linear Organic Modifier Gradients and/or pH Gradients. <i>Molecules</i> , <b>2019</b> , 24,	4.8	6

47	Analysis of intraspecific seed diversity in <i>Astragalus aquilanus</i> (Fabaceae), an endemic species of Central Apennine. <i>Plant Biology</i> , <b>2019</b> , 21, 507-514	3.7	5
46	Geographical discrimination of red garlic ( <i>Allium sativum</i> L.) produced in Italy by means of multivariate statistical analysis of ICP-OES data. <i>Food Chemistry</i> , <b>2019</b> , 275, 333-338	8.5	29
45	Adsorption of triazine herbicides from aqueous solution by functionalized multiwall carbon nanotubes grown on silicon substrate. <i>Nanotechnology</i> , <b>2018</b> , 29, 065701	3.4	18
44	Extraction of curcuminoids by using ethyl lactate and its optimisation by response surface methodology. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 149, 89-95	3.5	16
43	UHPLC Analysis of Saffron (L.): Optimization of Separation Using Chemometrics and Detection of Minor Crocetin Esters. <i>Molecules</i> , <b>2018</b> , 23,	4.8	17
42	Optimization using chemometrics of HS-SPME/GCMS profiling of saffron aroma and identification of geographical volatile markers. <i>European Food Research and Technology</i> , <b>2018</b> , 244, 1605-1613	3.4	21
41	Experimental Design in Ion Chromatography: Effect of the Organic Modifier and Complexing Agent on the Retention of Alkaline and Alkaline Earth Ions. <i>Chromatographia</i> , <b>2017</b> , 80, 853-860	2.1	3
40	Geographical identification of saffron ( <i>Crocus sativus</i> L.) by linear discriminant analysis applied to the UV-visible spectra of aqueous extracts. <i>Food Chemistry</i> , <b>2017</b> , 219, 408-413	8.5	44
39	Investigation by response surface methodology of the combined effect of pH and composition of water-methanol mixtures on the stability of curcuminoids. <i>Food Chemistry</i> , <b>2017</b> , 219, 414-418	8.5	13
38	Investigation by Response Surface Methodology of Extraction of Caffeine, Gallic Acid and Selected Catechins from Tea Using Water-Ethanol Mixtures. <i>Food Analytical Methods</i> , <b>2016</b> , 9, 2773-2779	3.4	6
37	Geographical classification of Italian saffron ( <i>Crocus sativus</i> L.) based on chemical constituents determined by high-performance liquid-chromatography and by using linear discriminant analysis. <i>Food Chemistry</i> , <b>2016</b> , 212, 110-6	8.5	50
36	Optimisation by response surface methodology of microextraction by packed sorbent of non steroidal anti-inflammatory drugs and ultra-high performance liquid chromatography analysis of dialyzed samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2016</b> , 125, 114-21	3.5	25
35	Development of molecularly imprinted polymeric nanofibers by electrospinning and applications to pesticide adsorption. <i>Journal of Separation Science</i> , <b>2015</b> , 38, 1402-10	3.4	29
34	Artificial neural network prediction of multilinear gradient retention in reversed-phase HPLC: comprehensive QSRR-based models combining categorical or structural solute descriptors and gradient profile parameters. <i>Analytical and Bioanalytical Chemistry</i> , <b>2015</b> , 407, 1181-90	4.4	25
33	Optimisation of temperature-programmed gas chromatographic separation of organochloride pesticides by response surface methodology. <i>Journal of Chromatography A</i> , <b>2015</b> , 1423, 149-57	4.5	7
32	Quantitative structure-retention relationships of cannabimimetic aminoalkylindole derivatives and their metabolites. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2015</b> , 109, 136-41	3.5	4
31	Analysis of the mineral composition of Italian saffron by ICP-MS and classification of geographical origin. <i>Food Chemistry</i> , <b>2014</b> , 157, 485-9	8.5	45
30	Modelling of UPLC behaviour of acylcarnitines by quantitative structure-retention relationships. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2014</b> , 96, 224-30	3.5	11

29	Cross-column prediction of gas-chromatographic retention indices of saturated esters. <i>Journal of Chromatography A</i> , <b>2014</b> , 1355, 269-77	4.5	9
28	Prediction of the retention of s-triazines in reversed-phase high-performance liquid chromatography under linear gradient-elution conditions. <i>Journal of Separation Science</i> , <b>2014</b> , 37, 1930-6	3.4	20
27	Volatiles fingerprint of <i>Artemisia umbelliformis</i> subsp. <i>eriantha</i> by headspace-solid phase microextraction GC-MS. <i>Natural Product Research</i> , <b>2014</b> , 28, 61-6	2.3	11
26	Quantitative structure/eluent-retention relationships in reversed-phase high-performance liquid chromatography based on the solvatochromic method. <i>Analytical and Bioanalytical Chemistry</i> , <b>2013</b> , 405, 755-66	4.4	1
25	Cross-column prediction of gas-chromatographic retention of polybrominated diphenyl ethers. <i>Journal of Chromatography A</i> , <b>2013</b> , 1298, 118-31	4.5	20
24	Cross-column retention prediction in reversed-phase high-performance liquid chromatography by artificial neural network modelling. <i>Analytica Chimica Acta</i> , <b>2012</b> , 717, 52-60	6.6	22
23	Cross-column prediction of gas-chromatographic retention of polychlorinated biphenyls by artificial neural networks. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 8679-90	4.5	23
22	Retention modelling of polychlorinated biphenyls in comprehensive two-dimensional gas chromatography. <i>Analytical and Bioanalytical Chemistry</i> , <b>2011</b> , 399, 903-13	4.4	20
21	Photocatalytic degradation of linuron in aqueous suspensions of TiO <sub>2</sub> . <i>RSC Advances</i> , <b>2011</b> , 1, 611	3.7	24
20	Multi-variable retention modelling in reversed-phase high-performance liquid chromatography based on the solvation method: a comparison between curvilinear and artificial neural network regression. <i>Analytica Chimica Acta</i> , <b>2011</b> , 690, 35-46	6.6	13
19	Multiple-column RP-HPLC retention modelling based on solvatochromic or theoretical solute descriptors. <i>Journal of Separation Science</i> , <b>2010</b> , 33, 155-66	3.4	19
18	Artificial neural network modelling of retention of pesticides in various octadecylsiloxane-bonded reversed-phase columns and water-acetonitrile mobile phase. <i>Analytica Chimica Acta</i> , <b>2009</b> , 646, 47-61	6.6	11
17	Adsorption of s-triazines onto polybenzimidazole: a quantitative structure-property relationship investigation. <i>Analytica Chimica Acta</i> , <b>2009</b> , 650, 175-82	6.6	7
16	A multi-lysimeter investigation on the mobility and persistence of pesticides in the loam soil of the Fucino Plain (Italy). <i>Journal of Environmental Monitoring</i> , <b>2008</b> , 10, 747-52		4
15	Quantitative structure-retention relationships of pesticides in reversed-phase high-performance liquid chromatography based on WHIM and GETAWAY molecular descriptors. <i>Analytica Chimica Acta</i> , <b>2008</b> , 628, 162-72	6.6	20
14	Modelling of the effect of solute structure and mobile phase pH and composition on the retention of phenoxy acid herbicides in reversed-phase high-performance liquid chromatography. <i>Analytica Chimica Acta</i> , <b>2008</b> , 616, 123-37	6.6	9
13	Physicochemical properties of fluorescent probes: experimental and computational determination of the overlapping pK <sub>a</sub> values of carboxyfluorescein. <i>Journal of Organic Chemistry</i> , <b>2008</b> , 73, 3411-7	4.2	25
12	Electrochemical, pulsed-field-gradient spin-echo NMR spectroscopic, and ESR spectroscopic study of the diffusivity of molecular probes inside gel-type cross-linked polymers. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 2392-401	4.8	9

11	HPLC with diode-array detection for the simultaneous determination of di(2-ethylhexyl)phthalate and mono(2-ethylhexyl)phthalate in seminal plasma. <i>Biomedical Chromatography</i> , <b>2007</b> , 21, 1166-71	1.7	15
10	Quantitative structure-retention relationships of pesticides in reversed-phase high-performance liquid chromatography. <i>Analytica Chimica Acta</i> , <b>2007</b> , 582, 235-42	6.6	44
9	Modelling of retention of pesticides in reversed-phase high-performance liquid chromatography: quantitative structure-retention relationships based on solute quantum-chemical descriptors and experimental (solvatochromic and spin-probe) mobile phase descriptors. <i>Analytica Chimica Acta</i> , <b>2007</b> , 593, 140-51	6.6	26
8	Investigation of retention behaviour of non-steroidal anti-inflammatory drugs in high-performance liquid chromatography by using quantitative structure-retention relationships. <i>Analytica Chimica Acta</i> , <b>2007</b> , 601, 68-76	6.6	38
7	Cross-linked poly-4-vinylpyridines as useful supports in metal catalysis: micro- and nanometer scale morphology. <i>Journal of Molecular Catalysis A</i> , <b>2007</b> , 268, 176-184		8
6	Comparison of different sorbents for multiresidue solid-phase extraction of 16 pesticides from groundwater coupled with high-performance liquid chromatography. <i>Talanta</i> , <b>2007</b> , 71, 25-30	6.2	87
5	Application of artificial neural networks for prediction of retention factors of triazine herbicides in reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , <b>2005</b> , 1076, 163-9	4.5	48
4	Gel-type polyacrylic resins cross-linked with trimethylolpropanetrimethacrylate: the issue of their nanostructure and molecular accessibility unveiled with a combination of inverse steric exclusion chromatography (ISEC), and ESR and CP-MAS <sup>13</sup> C NMR spectroscopy. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 7395-404	4.8	10
3	On the growth and shape of sodium taurodeoxycholate micellar aggregates: a spin-label and quasielastic light scattering investigation. <i>Journal of Chemical Physics</i> , <b>2004</b> , 120, 4800-7	3.9	6
2	Catalytic activity of bovine lactoperoxidase supported on macroporous poly(2-hydroxyethyl methacrylate-co-glycidyl methacrylate). <i>Reactive and Functional Polymers</i> , <b>2004</b> , 61, 411-419	4.6	8
1	Nanostructure and molecular accessibility of gel-type resins for supported bio-catalysis. <i>Reactive and Functional Polymers</i> , <b>2003</b> , 55, 21-26	4.6	2