

# Chiara Fanali

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/584845/publications.pdf>

Version: 2024-02-01

86  
papers

2,797  
citations

117625

34  
h-index

197818

49  
g-index

86  
all docs

86  
docs citations

86  
times ranked

3584  
citing authors

#	ARTICLE	IF	CITATIONS
1	Potentiality of miniaturized techniques for the analysis of drugs of abuse. <i>Electrophoresis</i> , 2022, 43, 190-200.	2.4	7
2	Development and Boxâ€Behnken design optimization of a green extraction method natural deep eutectic solventâ€based for phenolic compounds from barley malt rootlets. <i>Electrophoresis</i> , 2022, 43, 1832-1840.	2.4	4
3	Enantioseparation of selected chiral agrochemicals by using nano-liquid chromatography and capillary electrochromatography with amylose tris(3â€chloro-5-methylphenylcarbamate) covalently immobilized onto silica. <i>Journal of Chromatography A</i> , 2022, 1673, 463128.	3.7	3
4	Chiral separation and analysis of antifungal drugs by chromatographic and electromigration techniques: Results achieved in 2010â€2020. <i>Reviews in Analytical Chemistry</i> , 2021, 40, 220-252.	3.2	9
5	Analysis of Nonsteroidal Anti-inflammatory Drugs by using Microfluidic Techniques: A Review. <i>Current Pharmaceutical Analysis</i> , 2021, 17, 303-315.	0.6	3
6	Antioxidant and Antiglycation Effects of Polyphenol Compounds Extracted from Hazelnut Skin on Advanced Glycation End-Products (AGEs) Formation. <i>Antioxidants</i> , 2021, 10, 424.	5.1	48
7	Dispersive liquid-liquid microextraction using a low transition temperature mixture and liquid chromatography-mass spectrometry analysis of pesticides in urine samples. <i>Journal of Chromatography A</i> , 2021, 1642, 462036.	3.7	29
8	Choline Chlorideâ€Lactic Acid-Based NADES As an Extraction Medium in a Response Surface Methodology-Optimized Method for the Extraction of Phenolic Compounds from Hazelnut Skin. <i>Molecules</i> , 2021, 26, 2652.	3.8	39
9	Comparison between In Vitro Chemical and Ex Vivo Biological Assays to Evaluate Antioxidant Capacity of Botanical Extracts. <i>Antioxidants</i> , 2021, 10, 1136.	5.1	11
10	Application of a Low Transition Temperature Mixture for the Dispersive Liquidâ€Liquid Microextraction of Illicit Drugs from Urine Samples. <i>Molecules</i> , 2021, 26, 5222.	3.8	13
11	Innovative Solutions for the Extraction of Vitamins from Pharmaceutical and Biological Samples. <i>Current Analytical Chemistry</i> , 2021, 17, 1114-1132.	1.2	4
12	Chiral Nano-Liquid Chromatography and Dispersive Liquid-Liquid Microextraction Applied to the Analysis of Antifungal Drugs in Milk. <i>Molecules</i> , 2021, 26, 7094.	3.8	5
13	Capillary electrochromatography applied to drug analysis. <i>Journal of Chromatography Open</i> , 2021, 1, 100015.	2.2	7
14	African baobab ( <i>Adansonia digitata</i> ) fruit as promising source of procyanidins. <i>European Food Research and Technology</i> , 2020, 246, 297-306.	3.3	7
15	Choline-chloride and betaine-based deep eutectic solvents for green extraction of nutraceutical compounds from spent coffee ground. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 189, 113421.	2.8	40
16	Further study on enantiomer resolving ability of amylose tris(3-chloro-5-methylphenylcarbamate) covalently immobilized onto silica in nano-liquid chromatography and capillary electrochromatography. <i>Journal of Chromatography A</i> , 2020, 1623, 461213.	3.7	10
17	Flavors and odors analysis. , 2020, , 697-727.		0
18	Application of deep eutectic solvents for the extraction of phenolic compounds from extraâ€virgin olive oil. <i>Electrophoresis</i> , 2020, 41, 1752-1759.	2.4	32

#	ARTICLE	IF	CITATIONS
19	Determination of the Phenol and Tocopherol Content in Italian High-Quality Extra-Virgin Olive Oils by Using LC-MS and Multivariate Data Analysis. <i>Food Analytical Methods</i> , 2020, 13, 1027-1041.	2.6	28
20	Nano-liquid chromatography for enantiomers separation of baclofen by using vancomycin silica stationary phase. <i>Journal of Chromatography A</i> , 2019, 1605, 360358.	3.7	15
21	A low transition temperature mixture for the dispersive liquid-liquid microextraction of pesticides from surface waters. <i>Journal of Chromatography A</i> , 2019, 1605, 360329.	3.7	35
22	Enantiomers separation by capillary electrochromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 120, 115640.	11.4	55
23	Comparative study on enantiomer resolving ability of amylose tris(3-chloro-5-methylphenylcarbamate) covalently immobilized onto silica in nano-liquid chromatography and capillary electrochromatography. <i>Journal of Chromatography A</i> , 2019, 1606, 460425.	3.7	19
24	Application of Sub-2 Micron Particle Silica Hydride Derivatized with Vancomycin for Chiral Separations by Nano-Liquid Chromatography. <i>Methods in Molecular Biology</i> , 2019, 1985, 239-250.	0.9	1
25	Analysis of Enantiomers in Products of Food Interest. <i>Molecules</i> , 2019, 24, 1119.	3.8	42
26	Enantioseparation of tryptophan and its unnatural derivatives by nano- $\mu$ LC on CSP- $\mu$ teicoplanin silica based. <i>Electrophoresis</i> , 2019, 40, 1966-1971.	2.4	5
27	Enantiomers separation by capillary electrochromatography using polysaccharide-based stationary phases. <i>Journal of Separation Science</i> , 2019, 42, 360-384.	2.5	28
28	Large-scale profiling of carotenoids by using non aqueous reversed phase liquid chromatography with photodiode array detection and triple quadrupole linear ion trap mass spectrometry: Application to some varieties of sweet pepper ( <i>Capsicum annuum</i> L.). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 164, 759-767.	2.8	9
29	Cocoa Polyphenols: Chemistry, Bioavailability and Effects on Cardiovascular Performance. <i>Current Medicinal Chemistry</i> , 2019, 25, 4903-4917.	2.4	16
30	Separation of enantiomers of selected chiral sulfoxides with cellulose tris(4-chloro-3-methylphenylcarbamate)-based chiral columns in high-performance liquid chromatography with very high separation factor. <i>Journal of Chromatography A</i> , 2018, 1545, 59-66.	3.7	32
31	Effect of solvent on the extraction of phenolic compounds and antioxidant capacity of hazelnut kernel. <i>Electrophoresis</i> , 2018, 39, 1683-1691.	2.4	12
32	Use of an Online Extraction Technique Coupled to Liquid Chromatography for Determination of Caffeine in Coffee, Tea, and Cocoa. <i>Food Analytical Methods</i> , 2018, 11, 2637-2644.	2.6	17
33	Analysis of phenolic compounds in different parts of pomegranate ( <i>Punica granatum</i> ) fruit by HPLC-PDA-ESI/MS and evaluation of their antioxidant activity: application to different Italian varieties. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 3507-3520.	3.7	111
34	Optimization of pressurized liquid extraction by response surface methodology of Goji berry ( <i>Lycium barbarum</i> L.) phenolic bioactive compounds. <i>Electrophoresis</i> , 2018, 39, 1673-1682.	2.4	38
35	Extraction, Analysis, and Antioxidant Activity Evaluation of Phenolic Compounds in Different Italian Extra-Virgin Olive Oils. <i>Molecules</i> , 2018, 23, 3249.	3.8	25
36	On our way to sub-second separations of enantiomers in high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2018, 1572, 37-43.	3.7	38

#	ARTICLE	IF	CITATIONS
37	Lifelong imbalanced LA/ALA intake impairs emotional and cognitive behavior via changes in brain endocannabinoid system. <i>Journal of Lipid Research</i> , 2017, 58, 301-316.	4.2	28
38	Chiral separations in food analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 96, 151-171.	11.4	73
39	Advanced analytical techniques for fat-soluble vitamin analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 87, 82-97.	11.4	72
40	Ionic liquids as stationary phases for fatty acid analysis by gas chromatography. <i>Analyst, The</i> , 2017, 142, 4601-4612.	3.5	36
41	Enantiomeric separation of some chiral analytes using amylose 3,5-dimethylphenylcarbamate covalently immobilized on silica by nano-liquid chromatography and capillary electrochromatography. <i>Journal of Chromatography A</i> , 2017, 1520, 127-134.	3.7	20
42	Nano-liquid chromatography. , 2017, , 637-695.		11
43	Nano-Liquid Chromatographic Separations. , 2017, , 309-363.		3
44	Effect of Cocoa Polyphenolic Extract on Macrophage Polarization from Proinflammatory M1 to Anti-Inflammatory M2 State. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-11.	4.0	49
45	Hydroxytyrosol as Active Ingredient in Poly(vinyl alcohol) Films for Food Packaging Applications. <i>Journal of Renewable Materials</i> , 2017, 5, 81-95.	2.2	15
46	Effect of hydroxytyrosol methyl carbonate on the thermal, migration and antioxidant properties of PVA-based films for active food packaging. <i>Polymer International</i> , 2016, 65, 872-882.	3.1	26
47	Chiral Separations using Miniaturized Techniques: State of the Art and Perspectives. <i>Israel Journal of Chemistry</i> , 2016, 56, 958-967.	2.3	26
48	Capillary electrochromatography in food analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 82, 250-267.	11.4	55
49	Antioxidant activity evaluation and HPLC-photodiode array/MS polyphenols analysis of pomegranate juice from selected italian cultivars: A comparative study. <i>Electrophoresis</i> , 2016, 37, 1947-1955.	2.4	17
50	HPLC Separation of Enantiomers of Some Flavanone Derivatives Using Polysaccharide-Based Chiral Selectors Covalently Immobilized on Silica. <i>Chromatographia</i> , 2016, 79, 119-124.	1.3	35
51	Chiral Separations Using Nano-Liquid Chromatography. <i>Scientia Chromatographica</i> , 2016, 8, 161-169.	0.2	2
52	Determination of key flavonoid aglycones by means of nano- $\mu$ LC for the analysis of dietary supplements and food matrices. <i>Electrophoresis</i> , 2015, 36, 1073-1081.	2.4	14
53	Use of a Novel Sub- $\mu$ m Silica Hydride Vancomycin Stationary Phase in Nano-Liquid Chromatography. II. Separation of Derivatized Amino Acid Enantiomers. <i>Chirality</i> , 2015, 27, 767-772.	2.6	12
54	Screening of volatile compounds composition of white truffle during storage by GCxGC-(FID/MS) and gas sensor array analyses. <i>LWT - Food Science and Technology</i> , 2015, 60, 905-913.	5.2	42

#	ARTICLE	IF	CITATIONS
55	A nano-LC/UV method for the analysis of principal phenolic compounds in commercial citrus juices and evaluation of antioxidant potential. <i>Electrophoresis</i> , 2014, 35, 1701-1708.	2.4	16
56	Nano-liquid chromatography in nutraceutical analysis: Determination of polyphenols in bee pollen. <i>Journal of Chromatography A</i> , 2013, 1313, 270-274.	3.7	39
57	Capillary-liquid chromatography (CLC) and nano-LC in food analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 52, 226-238.	11.4	71
58	Salivary Proteomic Analysis and Acute Graft-versus-Host Disease after Allogeneic Hematopoietic Stem Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2013, 19, 888-892.	2.0	17
59	Electronic nose and GC-MS analysis of volatile compounds in <i>Tuber magnatum</i> Pico: Evaluation of different storage conditions. <i>Food Chemistry</i> , 2013, 136, 668-674.	8.2	57
60	Association of high levels of $\beta$ -defensins and S100A proteins with <i>Candida mannan</i> detection in bronchoalveolar lavage fluid of preterm neonates. <i>Pediatric Research</i> , 2013, 74, 19-25.	2.3	22
61	Nano-liquid chromatography and capillary electrochromatography hyphenated with mass spectrometry for tryptic digest protein analysis: A comparison. <i>Electrophoresis</i> , 2012, 33, 2553-2560.	2.4	20
62	The human salivary proteome: a critical overview of the results obtained by different proteomic platforms. <i>Expert Review of Proteomics</i> , 2012, 9, 33-46.	3.0	65
63	Analysis of polyphenols and methylxantines in tea samples by means of nano-liquid chromatography utilizing capillary columns packed with core-shell particles. <i>Journal of Chromatography A</i> , 2012, 1234, 38-44.	3.7	38
64	Online Comprehensive RPLC-MS-MS RPLC with Mass Spectrometry Detection for the Analysis of Proteome Samples. <i>Analytical Chemistry</i> , 2011, 83, 2485-2491.	6.5	60
65	Chemical Characterization of Sacha Inchi ( <i>Plukenetia volubilis</i> L.) Oil. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 13043-13049.	5.2	111
66	Analysis of anthocyanins in commercial fruit juices by using nano-liquid chromatography-electrospray-mass spectrometry and high-performance liquid chromatography with UV-vis detector. <i>Journal of Separation Science</i> , 2011, 34, 150-159.	2.5	59
67	Potential applications of human saliva as diagnostic fluid. <i>Acta Otorhinolaryngologica Italica</i> , 2011, 31, 347-57.	1.5	58
68	The role of inflammation in the genesis of the cystic component of craniopharyngiomas. <i>Child's Nervous System</i> , 2010, 26, 1779-1784.	1.1	62
69	Proteomic approaches to Sjögren's syndrome: A clue to interpret the pathophysiology and organ involvement of the disease. <i>Autoimmunity Reviews</i> , 2010, 9, 622-626.	5.8	23
70	Optimized use of a 50 $\mu$ m ID secondary column in comprehensive two-dimensional gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2010, 1217, 4160-4166.	3.7	28
71	Alterations of the Salivary Secretory Peptidome Profile in Children Affected by Type 1 Diabetes. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 2099-2108.	3.8	84
72	Characterization of two isoforms of human SPRR3 from saliva of preterm human newborn and autaptic fetal oral mucosa, parotid and submandibular gland samples. <i>Biochemical and Biophysical Research Communications</i> , 2010, 398, 477-481.	2.1	8

#	ARTICLE	IF	CITATIONS
73	Expression, purification, phosphorylation and characterization of recombinant human statherin. <i>Protein Expression and Purification</i> , 2010, 69, 219-225.	1.3	9
74	ROLE of Fecal Calprotectin as BIOMARKER of Gvhd AFTER Allogeneic STEM CELL TRANSPLANTATION. <i>Blood</i> , 2010, 116, 1253-1253.	1.4	0
75	Proteomics of saliva: personal experience. <i>Acta Otorhinolaryngologica Italica</i> , 2010, 30, 125-30.	1.5	27
76	Age-Dependent Modifications of the Human Salivary Secretory Protein Complex. <i>Journal of Proteome Research</i> , 2009, 8, 4126-4134.	3.7	80
77	Thymosin $\beta$ 4 and $\beta$ 10 Levels in Pre-Term Newborn Oral Cavity and Foetal Salivary Glands Evidence a Switch of Secretion during Foetal Development. <i>PLoS ONE</i> , 2009, 4, e5109.	2.5	40
78	Correspondence between clinical improvement and proteomic changes of the salivary peptide complex in a child with primary Sjögren syndrome. <i>Rheumatology International</i> , 2008, 28, 801-806.	3.0	10
79	Hypo-Phosphorylation of Salivary Peptidome as a Clue to the Molecular Pathogenesis of Autism Spectrum Disorders. <i>Journal of Proteome Research</i> , 2008, 7, 5327-5332.	3.7	90
80	Trafficking and Postsecretory Events Responsible for the Formation of Secreted Human Salivary Peptides. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 911-926.	3.8	111
81	$\beta$ -Defensin Levels in Whole Saliva of Totally Edentulous Subjects. <i>International Journal of Immunopathology and Pharmacology</i> , 2008, 21, 845-849.	2.1	19
82	Proteomic Analysis of Salivary Acidic Proline-Rich Proteins in Human Preterm and At-Term Newborns. <i>Journal of Proteome Research</i> , 2007, 6, 1371-1377.	3.7	37
83	Tyrosine Polysulfation of Human Salivary Histatin 1. A Post-Translational Modification Specific of the Submandibular Gland. <i>Journal of Proteome Research</i> , 2007, 6, 2472-2480.	3.7	47
84	Monitoring Algal Toxins in Lake Water by Liquid Chromatography Tandem Mass Spectrometry. <i>Environmental Science &amp; Technology</i> , 2006, 40, 2917-2923.	10.0	82
85	Detection in human saliva of different statherin and P-B fragments and derivatives. <i>Proteomics</i> , 2006, 6, 6370-6379.	2.2	62
86	Two proline-rich peptides from pig ( <i>Sus scrofa</i> ) salivary glands generated by pre-secretory pathway underlying the action of a proteinase cleaving ProAla bonds. <i>Peptides</i> , 2005, 26, 1550-1559.	2.4	12