

# Nicola Cicero

## List of Publications by Year in descending order

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113  
papers

2,661  
citations

136885

32  
h-index

254106

43  
g-index

117  
all docs

117  
docs citations

117  
times ranked

2785  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical characterization of a variety of cold-pressed gourmet oils available on the Brazilian market. Food Research International, 2018, 109, 517-525.	2.9	77
2	Trace elements in <i>Thunnus thynnus</i> from Mediterranean Sea and benefit risk assessment for consumers. Food Additives and Contaminants: Part B Surveillance, 2015, 8, 175-181.	1.3	73
3	Toxic Metals in Pelagic, Benthic and Demersal Fish Species from Mediterranean FAO Zone 37. Bulletin of Environmental Contamination and Toxicology, 2015, 95, 567-573.	1.3	69
4	Production of single cell protein (SCP) from food and agricultural waste by using <i>Saccharomyces cerevisiae</i> . Natural Product Research, 2018, 32, 648-653.	1.0	69
5	Toxic and essential metals determination in commercial seafood: <i>Paracentrotus lividus</i> by ICP-MS. Natural Product Research, 2016, 30, 657-664.	1.0	61
6	Enhanced detection of aldehydes in Extra-Virgin Olive Oil by means of band selective NMR spectroscopy. Physica A: Statistical Mechanics and Its Applications, 2015, 420, 258-264.	1.2	58
7	Mycotoxin contamination of animal feedingstuff: detoxification by gamma-irradiation and reduction of aflatoxins and ochratoxin A concentrations. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2014, 31, 2034-2039.	1.1	57
8	Extracts deriving from olive mill waste water and their effects on the liver of the goldfish <i>Carassius auratus</i> fed with hypercholesterolemic diet. Natural Product Research, 2014, 28, 1343-1349.	1.0	57
9	Heavy metals in aromatic spices by inductively coupled plasma-mass spectrometry. Food Additives and Contaminants: Part B Surveillance, 2016, 9, 210-216.	1.3	57
10	Resveratrol and Immune Cells: A Link to Improve Human Health. Molecules, 2022, 27, 424.	1.7	55
11	The metabolic profile of lemon juice by proton HR-MAS NMR: the case of the PGI Interdonato Lemon of Messina. Natural Product Research, 2015, 29, 1894-1902.	1.0	54
12	Development and Optimization of Alpha-Pinene-Loaded Solid Lipid Nanoparticles (SLN) Using Experimental Factorial Design and Dispersion Analysis. Molecules, 2019, 24, 2683.	1.7	52
13	Statistical characterisation of heavy metal contents in <i>Paracentrotus lividus</i> from Mediterranean Sea. Natural Product Research, 2014, 28, 718-726.	1.0	50
14	Valorization of raw materials from agricultural industry for astaxanthin and $\beta$ -carotene production by <i>Xanthophyllomyces dendrorhous</i> . Natural Product Research, 2018, 32, 1554-1561.	1.0	47
15	Elucidation of the volatile composition of Marsala wines by using comprehensive two-dimensional gas chromatography. Food Chemistry, 2014, 142, 262-268.	4.2	45
16	<sup>1</sup> H HR-MAS NMR Spectroscopy and the Metabolite Determination of Typical Foods in Mediterranean Diet. Journal of Analytical Methods in Chemistry, 2015, 2015, 1-14.	0.7	45
17	Removal of heavy metal ions from wastewaters using dendrimer-functionalized multi-walled carbon nanotubes. Environmental Science and Pollution Research, 2017, 24, 14735-14747.	2.7	45
18	Determination of 1,2/1,3-diglycerides in Sicilian extra-virgin olive oils by <sup>1</sup> H-NMR over a one-year storage period. Natural Product Research, 2017, 31, 822-828.	1.0	45

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19	Antioxidant activity and enzymes inhibitory properties of several extracts from two Moroccan Asteraceae species. <i>South African Journal of Botany</i> , 2018, 118, 58-64.	1.2	44
20	Study of quantitative and qualitative variations in essential oils of Sicilian <i>Rosmarinus officinalis</i> L. <i>Natural Product Research</i> , 2015, 29, 1928-1934.	1.0	43
21	Astaxanthin production by <i>Xanthophyllomyces dendrorhous</i> growing on a low cost substrate. <i>Agroforestry Systems</i> , 2020, 94, 1229-1234.	0.9	43
22	A multivariate statistical analysis coming from the NMR metabolic profile of cherry tomatoes (The Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50)	1.2	41
23	HR-MAS and NMR towards Foodomics. <i>Food Research International</i> , 2016, 89, 1085-1094.	2.9	41
24	Determination of Squalene in Organic Extra Virgin Olive Oils (EVOOs) by UPLC/PDA Using a Single-Step SPE Sample Preparation. <i>Food Analytical Methods</i> , 2017, 10, 1377-1385.	1.3	41
25	Ultrasound assisted dispersive liquid-liquid microextraction for fast and accurate analysis of chloramphenicol in honey. <i>Food Research International</i> , 2019, 115, 572-579.	2.9	40
26	Inhibition of aldose reductase activity by chemotypes extracts with high content of cannabidiol or cannabigerol. <i>FÄ-toterapÄ-ÄÇ</i> , 2018, 127, 101-108.	1.1	39
27	Production and extraction of astaxanthin from <i>Phaffia rhodozyma</i> and its biological effect on alcohol-induced renal hypoxia in <i>Carassius auratus</i> . <i>Natural Product Research</i> , 2015, 29, 1122-1126.	1.0	38
28	Metabolite and mineral profiling of "Violetto di Niscemi" and "Spinoso di Menfi" globe artichokes by <sup>1</sup> H-NMR and ICP-MS. <i>Natural Product Research</i> , 2017, 31, 990-999.	1.0	38
29	Mercury in fish products: what's the best for consumers between bluefin tuna and yellowfin tuna?. <i>Natural Product Research</i> , 2018, 32, 457-462.	1.0	38
30	Heavy metals content by ICP-OES in <i>Sarda sarda</i> , <i>Sardinella aurita</i> and <i>Lepidopus caudatus</i> from the Strait of Messina (Sicily, Italy). <i>Natural Product Research</i> , 2013, 27, 518-523.	1.0	36
31	Statistical Analysis of Mineral Concentration for the Geographic Identification of Garlic Samples from Sicily (Italy), Tunisia and Spain. <i>Foods</i> , 2016, 5, 20.	1.9	36
32	Natural co-occurrence of ochratoxin A, ochratoxin B and aflatoxins in Sicilian red wines. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2015, 32, 1343-1351.	1.1	35
33	Mercury accumulation in Mediterranean Fish and Cephalopods Species of Sicilian coasts: correlation between pollution and the presence of Anisakis parasites. <i>Natural Product Research</i> , 2017, 31, 1156-1162.	1.0	33
34	Relationship between Immune Cells, Depression, Stress, and Psoriasis: Could the Use of Natural Products Be Helpful?. <i>Molecules</i> , 2022, 27, 1953.	1.7	33
35	Role of nutraceuticals on neurodegenerative diseases: neuroprotective and immunomodulant activity. <i>Natural Product Research</i> , 2022, 36, 5916-5933.	1.0	32
36	Nero "Avola" and Perricone cultivars: determination of polyphenols, flavonoids and anthocyanins in grapes and wines. <i>Natural Product Research</i> , 2016, 30, 2329-2337.	1.0	31

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37	Research and Innovative Approaches to Obtain Virgin Olive Oils with a Higher Level of Bioactive Constituents. , 2015, , 179-215.		30
38	Can nutraceuticals assist treatment and improve covid-19 symptoms?. Natural Product Research, 2022, 36, 2672-2691.	1.0	30
39	Antibacterial activity of <i>Cladanthus arabicus</i> and <i>Bubonium imbricatum</i> essential oils alone and in combination with conventional antibiotics against <i>Enterobacteriaceae</i> isolates. Letters in Applied Microbiology, 2018, 67, 175-182.	1.0	29
40	Development of Food Chemistry, Natural Products, and Nutrition Research: Targeting New Frontiers. Foods, 2020, 9, 482.	1.9	29
41	Adherence to the Mediterranean diet in a Sicilian student population. Natural Product Research, 2018, 32, 1775-1781.	1.0	27
42	<i>In vivo</i> effects of PCB-126 and genistein on vitellogenin expression in zebrafish. Natural Product Research, 2019, 33, 2507-2514.	1.0	27
43	Agronomical and chemical characterisation of <i>Thymbra capitata</i> (L.) Cav. biotypes from Sicily, Italy. Natural Product Research, 2015, 29, 1289-1299.	1.0	25
44	First Report on Evaluation of Basic Nutritional and Antioxidant Properties of <i>Moringa Oleifera</i> Lam. from Caribbean Island of Saint Lucia. Plants, 2019, 8, 537.	1.6	25
45	Biological effect of astaxanthin on alcohol-induced gut damage in <i>Carassius auratus</i> used as experimental model. Natural Product Research, 2021, 35, 5737-5743.	1.0	24
46	Assessment and Monitoring of Fish Quality from a Coastal Ecosystem under High Anthropic Pressure: A Case Study in Southern Italy. International Journal of Environmental Research and Public Health, 2020, 17, 3285.	1.2	24
47	Immunostimulant and Antidepressant Effect of Natural Compounds in the Management of Covid-19 Symptoms. Journal of the American College of Nutrition, 2022, 41, 840-854.	1.1	23
48	Histological and Chemical Analysis of Heavy Metals in Kidney and Gills of Boops boops: Melanomacrophages Centers and Rodlet Cells as Environmental Biomarkers. Toxics, 2022, 10, 218.	1.6	23
49	Chemical characterisation of old cabbage ( <i>Brassica oleracea</i> L. var. <i>acephala</i> ) seed oil by liquid chromatography and different spectroscopic detection systems. Natural Product Research, 2016, 30, 1646-1654.	1.0	22
50	Monitoring of neonicotinoid pesticides in beekeeping. Natural Product Research, 2017, 31, 1258-1262.	1.0	22
51	Polyphenols contents, heavy metals analysis and <i>in vitro</i> antibacterial activity of extracts from <i>Cladanthus arabicus</i> and <i>Bubonium imbricatum</i> of Moroccan Origin. Natural Product Research, 2020, 34, 63-70.	1.0	22
52	Assessment of heavy- and semi-metals contamination in edible seaweed and dried fish sold in ethnic food stores on the Italian market. Journal of Food Composition and Analysis, 2021, 104, 104150.	1.9	22
53	Perfluorooctane Sulfonamide-Mediated Modulation of Hepatocellular Lipid Homeostasis and Oxidative Stress Responses in Atlantic Salmon Hepatocytes. Chemical Research in Toxicology, 2012, 25, 1253-1264.	1.7	21
54	Traceability of <i>Opuntia ficus-indica</i> L. Miller by ICP-MS multi-element profile and chemometric approach. Journal of the Science of Food and Agriculture, 2018, 98, 198-204.	1.7	21

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55	Circular RNA as a Novel Biomarker for Diagnosis and Prognosis and Potential Therapeutic Targets in Multiple Myeloma. <i>Cancers</i> , 2022, 14, 1700.	1.7	20
56	Interdonato lemon from Nizza di Sicilia (Italy): chemical composition of hexane extract of lemon peel and histochemical investigation. <i>Natural Product Research</i> , 2016, 30, 1517-1525.	1.0	19
57	Aflatoxin M1 in cow, sheep, and donkey milk produced in Sicily, Southern Italy. <i>Mycotoxin Research</i> , 2019, 35, 47-53.	1.3	19
58	Titanium Surface Modification for Implantable Medical Devices with Anti-Bacterial Adhesion Properties. <i>Materials</i> , 2022, 15, 3283.	1.3	19
59	Effects on Development, Growth Responses and Thyroid-Hormone Systems in Eyed-Eggs and Yolk-Sac Larvae of Atlantic Salmon ( <i>Salmo salar</i> ) Continuously Exposed to 3,3,4,4-Tetrachlorobiphenyl (PCB-77). <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2014, 77, 574-586.	1.1	18
60	Fatty acids determination in Bronte pistachios by gas chromatographic method. <i>Natural Product Research</i> , 2016, 30, 2378-2382.	1.0	18
61	Arthrospira Platensis (Spirulina) Supplementation on Laying Hens™ Performance: Eggs Physical, Chemical, and Sensorial Qualities. <i>Foods</i> , 2019, 8, 386.	1.9	18
62	Effect of fortified feed with olive leaves extract on the haematological and biochemical parameters of <i>Oreochromis niloticus</i> (Nile tilapia). <i>Natural Product Research</i> , 2022, 36, 1575-1580.	1.0	18
63	Oleic Acid Is not the Only Relevant Mono-Unsaturated Fatty Ester in Olive Oil. <i>Foods</i> , 2020, 9, 384.	1.9	17
64	Development of minimal fermentation media supplementation for ethanol production using two <i>Saccharomyces cerevisiae</i> strains. <i>Natural Product Research</i> , 2016, 30, 1009-1016.	1.0	16
65	Tetracycline Residues in Bovine Muscle and Liver Samples from Sicily (Southern Italy) by LC-MS/MS Method: A Six-Year Study. <i>Molecules</i> , 2019, 24, 695.	1.7	15
66	Potentially Toxic Elements in <i>Xiphias gladius</i> from Mediterranean Sea and risks related to human consumption. <i>Marine Pollution Bulletin</i> , 2020, 159, 111512.	2.3	14
67	Nutritional and mineral composition of persimmon fruits ( <i>Diospyros kaki</i> L.) from Central and Southern Italy. <i>Natural Product Research</i> , 2022, 36, 5168-5173.	1.0	14
68	Mineral and Microbiological Analysis of Spices and Aromatic Herbs. <i>Foods</i> , 2022, 11, 548.	1.9	13
69	Calorimetric analysis points out the physical-chemistry of organic olive oils and reveals the geographical origin. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017, 486, 925-932.	1.2	12
70	A LC-HRMS After QuEChERS Cleanup Method for the Rapid Determination of Dye Residues in Fish Products. <i>Food Analytical Methods</i> , 2018, 11, 625-634.	1.3	12
71	Multiple analytical approaches for the organic and inorganic characterization of <i>Origanum vulgare</i> L. samples. <i>Natural Product Research</i> , 2019, 33, 2815-2822.	1.0	12
72	Physicochemical, Nutritional, Microbiological, and Sensory Qualities of Chicken Burgers Reformulated with Mediterranean Plant Ingredients and Health-Promoting Compounds. <i>Foods</i> , 2021, 10, 2129.	1.9	12

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73	Immune System and Psychological State of Pregnant Women during COVID-19 Pandemic: Are Micronutrients Able to Support Pregnancy?. <i>Nutrients</i> , 2022, 14, 2534.	1.7	11
74	A new microwave-assisted thionation-heterocyclization process leading to benzo[c]thiophene-1(3H)-thione and 1H-isothiochromene-1-thione derivatives. <i>RSC Advances</i> , 2016, 6, 20777-20780.	1.7	10
75	Multiple Cell Signalling Pathways of Human Proinsulin C-Peptide in Vasculopathy Protection. <i>International Journal of Molecular Sciences</i> , 2020, 21, 645.	1.8	10
76	Histamine in Fish Products Randomly Collected in Southern Italy: A 6-Year Study. <i>Journal of Food Protection</i> , 2020, 83, 241-248.	0.8	10
77	Trace Elements and Omega-3 Fatty Acids of Wild and Farmed Mussels ( <i>Mytilus galloprovincialis</i> ) Consumed in Bulgaria: Human Health Risks. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10023.	1.2	10
78	Effect of steaming on chemical composition of Mediterranean mussel ( <i>Mytilus</i> ) and Nutrition, 2022, 10, 3052-3061.	1.5	10
79	Dynamical changes in hydration water accompanying lysozyme thermal denaturation. <i>Frontiers of Physics</i> , 2015, 10, 1.	2.4	9
80	Spouted Bed Dried <i>Rosmarinus officinalis</i> Extract: A Novel Approach for Physicochemical Properties and Antioxidant Activity. <i>Agriculture (Switzerland)</i> , 2020, 10, 349.	1.4	9
81	Dynamics of water clusters in solution with LiCl. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 442, 261-267.	1.2	8
82	Antimicrobial Activity of two <i>Mentha</i> Species Essential Oil and its Dependence on Different Origin and Chemical Diversity. <i>Natural Product Communications</i> , 2018, 13, 1934578X1801300.	0.2	8
83	Investigation of Hg Content by a Rapid Analytical Technique in Mediterranean Pelagic Fishes. <i>Separations</i> , 2018, 5, 51.	1.1	8
84	Phytochemical study and antioxidant activity of the most used medicinal and aromatic plants in Morocco. <i>Journal of Essential Oil Research</i> , 2022, 34, 131-142.	1.3	8
85	Chemical Characterization, Antibacterial Activity, and Embryo Acute Toxicity of <i>Rhus coriaria</i> L. Genotype from Sicily (Italy). <i>Foods</i> , 2022, 11, 538.	1.9	8
86	High hydroxycinnamic acids contents in fennel honey produced in Southern Italy. <i>Natural Product Research</i> , 2021, 35, 4104-4109.	1.0	7
87	Effect of Dietary Enrichment with Flaxseed, Vitamin E and Selenium, and of Market Class on the Broiler Breast Meat—Part 1: Nutritional and Functional Traits. <i>Nutrients</i> , 2022, 14, 1666.	1.7	7
88	Screening of ecotoxicological, qualitative and reproductive variables in male European sea bass <i>Dicentrarchus labrax</i> (L.) reared in three different fish farms: Facility location and typology. <i>Natural Product Research</i> , 2013, 27, 670-674.	1.0	6
89	Seasonal screening of AChE, GSH and gonad histology, in European sea bass <i>Dicentrarchus labrax</i> L. reared in three different fish farms. <i>Natural Product Research</i> , 2013, 27, 950-955.	1.0	6
90	Land Snails as a Valuable Source of Fatty Acids: A Multivariate Statistical Approach. <i>Foods</i> , 2019, 8, 676.	1.9	6

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91	Effects of spirulina diet on the oogenesis of zebrafish: morphological analysis and immunohistochemical determination of the vitellogenin. <i>Natural Product Research</i> , 2020, 35, 1-6.	1.0	6
92	Trace elements and omega-3 fatty acids of black sea (Bulgaria) bivalve species <i>Mytilus galloprovincialis</i> , <i>Chamelea gallina</i> and <i>Donax trunculus</i> . Human health risk. <i>Natural Product Research</i> , 2021, , 1-8.	1.0	6
93	Comparison of sensitivity to a commercial <i>Origanum vulgare</i> essential oil between extended-spectrum $\beta$ -lactamases (ESBL-) and non-ESBL-producing <i>Enterobacteriaceae</i> isolates. <i>Natural Product Research</i> , 2022, 36, 2830-2835.	1.0	6
94	Virulence, Antimicrobial Resistance and Biofilm Production of <i>Escherichia coli</i> Isolates from Healthy Broiler Chickens in Western Algeria. <i>Antibiotics</i> , 2021, 10, 1157.	1.5	6
95	Spirulina promotes macrophages aggregation in zebrafish ( <i>Danio rerio</i> ) liver. <i>Natural Product Research</i> , 2023, 37, 743-749.	1.0	6
96	Nutritional conditions of the novel freshwater <i>Coccomyxa</i> AP01 for versatile fatty acids composition. <i>Journal of Applied Microbiology</i> , 2022, 132, 401-412.	1.4	5
97	Analysis of Volatiles in <i>Senecio anteuphorbium</i> Essential Oil with a Focus on Its Allelopathic Effect by Means of Gas Chromatography. <i>Separations</i> , 2022, 9, 36.	1.1	5
98	From by-product to functional food: the survival of <i>L. casei shirota</i> , <i>L. casei immunitas</i> and <i>L. acidophilus johnsonii</i> , during spray drying in orange juice using a maltodextrin/pectin mixture as carrier. <i>Natural Product Research</i> , 2022, 36, 6393-6400.	1.0	5
99	Natural products and oxidative stress: potential agents against multiple myeloma. <i>Natural Product Research</i> , 2023, 37, 687-690.	1.0	5
100	Water and lysozyme: Some results from the bending and stretching vibrational modes. <i>Frontiers of Physics</i> , 2015, 10, 1.	2.4	4
101	PCB-126 effects on aryl hydrocarbon receptor, ubiquitin and p53 expression levels in a fish product ( <i>Sparus aurata</i> L.). <i>Natural Product Research</i> , 2018, 32, 1136-1144.	1.0	4
102	5-(3-Phosphonated 1H-1,2,3-triazol-4-yl)isoxazolidines: synthesis, DFT studies and biological properties. <i>Arkivoc</i> , 2015, 2015, 253-269.	0.3	4
103	Exploring Lignans, a Class of Health Promoting Compounds, in a Variety of Edible Oils from Brazil. <i>Foods</i> , 2022, 11, 1386.	1.9	4
104	Organic pollution in PGI and non-PGI lemons and related soils from Italy and Turkey. <i>Natural Product Research</i> , 2019, 33, 3089-3094.	1.0	2
105	Blood Response to Mercury Exposure in Athletic Horse From Messina, Italy. <i>Journal of Equine Veterinary Science</i> , 2020, 84, 102837.	0.4	2
106	Statistical modeling of monthly rainfall variability in Soummam watershed of Algeria, between 1967 and 2018. <i>Natural Resource Modelling</i> , 2020, 33, e12288.	0.8	2
107	Suitability and Eligibility of <i>Phyllostachys pubescens</i> (Moso Bamboo) Afforestation for GHG (Greenhouse Gases) Projects: Case Study in Central Italy. <i>Frontiers in Environmental Science</i> , 2022, 10, .	1.5	2
108	Analysis of $\beta$ -agonists in cattle hair samples using a rapid UHPLC-ESI-MS/MS method. <i>Natural Product Research</i> , 2017, 31, 482-486.	1.0	1

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109	The cold chain and the COVID-19 pandemic: an unusual increase in histamine content in fish samples collected in Southern Italy during lockdown. <i>Food Quality and Safety</i> , 2021, 5, .	0.6	1
110	Fatty Acids Composition of Stomach Oil of Scopoli's Shearwater ( <i>Calonectris diomedea</i> ) from Linosa's Colony. <i>Animals</i> , 2022, 12, 1069.	1.0	1
111	Mineral contents in leaves and stems of <i>Cordia verbenacea</i> L. <i>Planta Medica</i> , 2016, 81, S1-S381.	0.7	0
112	Detection of polyphenols, flavonoids and anthocyanins in grapes and wines of two Sicilian cultivars (Nero D'Avola and Perricone). <i>Planta Medica</i> , 2016, 81, S1-S381.	0.7	0
113	Determination of Chlorpyrifos in Sicilian peaches by Gaschromatography-MSMS method coupled with quechers sample preparation procedure preparation. <i>Biodiversity Journal</i> , 2019, 10, 491-492.	0.1	0