

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	Natural products and oxidative stress: potential agents against multiple myeloma. <i>Natural Product Research</i> , 2023, 37, 687-690.	1.0	5
2	<i>Spirulina</i> promotes macrophages aggregation in zebrafish (<i>Danio rerio</i>) liver. <i>Natural Product Research</i> , 2023, 37, 743-749.	1.0	6
3	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
4	Can nutraceuticals assist treatment and improve covid-19 symptoms?. <i>Natural Product Research</i> , 2022, 36, 2672-2691.	1.0	30
5	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
6	Comparison of sensitivity to a commercial <i>Origanum vulgare</i> essential oil between extended-spectrum β -lactamases (ESBL-) and non-ESBL-producing <i>Enterobacteriaceae</i> isolates. <i>Natural Product Research</i> , 2022, 36, 2830-2835.	1.0	6
7	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
8	Immunostimulant and Antidepressant Effect of Natural Compounds in the Management of Covid-19 Symptoms. <i>Journal of the American College of Nutrition</i> , 2022, 41, 840-854.	1.1	23
9	Resveratrol and Immune Cells: A Link to Improve Human Health. <i>Molecules</i> , 2022, 27, 424.	1.7	55
10	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
11	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
12	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
13	Role of nutraceuticals on neurodegenerative diseases: neuroprotective and immunomodulant activity. <i>Natural Product Research</i> , 2022, 36, 5916-5933.	1.0	32
14	Mineral and Microbiological Analysis of Spices and Aromatic Herbs. <i>Foods</i> , 2022, 11, 548.	1.9	13
15	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
16	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
17	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
18	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

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19	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
20	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
21	Histological and Chemical Analysis of Heavy Metals in Kidney and Gills of Boops boops: Melanomacrophages Centers and Rodlet Cells as Environmental Biomarkers. <i>Toxics</i> , 2022, 10, 218.	1.6	23
22	Effect of steaming on chemical composition of Mediterranean mussel (<i>Mytilus</i>) and Nutrition, 2022, 10, 3052-3061.	1.5	10
23	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
24	Titanium Surface Modification for Implantable Medical Devices with Anti-Bacterial Adhesion Properties. <i>Materials</i> , 2022, 15, 3283.	1.3	19
25	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
26	Biological effect of astaxanthin on alcohol-induced gut damage in <i>Carassius auratus</i> used as experimental model. <i>Natural Product Research</i> , 2021, 35, 5737-5743.	1.0	24
27	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> . <i>Human health risk. Natural Product Research</i> , 2021, , 1-8.	1.0	6
28	Assessment of heavy- and semi-metals contamination in edible seaweed and dried fish sold in ethnic food stores on the Italian market. <i>Journal of Food Composition and Analysis</i> , 2021, 104, 104150.	1.9	22
29	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
30	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
31	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
32	High hydroxycinnamic acids contents in fennel honey produced in Southern Italy. <i>Natural Product Research</i> , 2021, 35, 4104-4109.	1.0	7
33	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
34	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. <i>Natural Product Research</i> , 2020, 34, 63-70.	1.0	22
35	Blood Response to Mercury Exposure in Athletic Horse From Messina, Italy. <i>Journal of Equine Veterinary Science</i> , 2020, 84, 102837.	0.4	2
36	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

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37	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
38	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
39	Assessment and Monitoring of Fish Quality from a Coastal Ecosystem under High Anthropic Pressure: A Case Study in Southern Italy. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3285.	1.2	24
40	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
41	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
42	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
43	Development of Food Chemistry, Natural Products, and Nutrition Research: Targeting New Frontiers. <i>Foods</i> , 2020, 9, 482.	1.9	29
44	Oleic Acid Is not the Only Relevant Mono-Unsaturated Fatty Ester in Olive Oil. <i>Foods</i> , 2020, 9, 384.	1.9	17
45	Astaxanthin production by <i>Xanthophyllomyces dendrorhous</i> growing on a low cost substrate. <i>Agroforestry Systems</i> , 2020, 94, 1229-1234.	0.9	43
46	Development and Optimization of Alpha-Pinene-Loaded Solid Lipid Nanoparticles (SLN) Using Experimental Factorial Design and Dispersion Analysis. <i>Molecules</i> , 2019, 24, 2683.	1.7	52
47	<i>Arthrospira Platensis</i> (Spirulina) Supplementation on Laying Hensâ€™ Performance: Eggs Physical, Chemical, and Sensorial Qualities. <i>Foods</i> , 2019, 8, 386.	1.9	18
48	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
49	Land Snails as a Valuable Source of Fatty Acids: A Multivariate Statistical Approach. <i>Foods</i> , 2019, 8, 676.	1.9	6
50	First Report on Evaluation of Basic Nutritional and Antioxidant Properties of <i>Moringa Oleifera</i> Lam. from Caribbean Island of Saint Lucia. <i>Plants</i> , 2019, 8, 537.	1.6	25
51	Aflatoxin M1 in cow, sheep, and donkey milk produced in Sicily, Southern Italy. <i>Mycotoxin Research</i> , 2019, 35, 47-53.	1.3	19
52	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
53	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
54	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

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55	<i>In vivo</i> effects of PCB-126 and genistein on vitellogenin expression in zebrafish. <i>Natural Product Research</i> , 2019, 33, 2507-2514.	1.0	27
56	Determination of Chlorpyrifos in Sicilian peaches by Gas chromatography-MSMS method coupled with QuEChERS sample preparation procedure. <i>Biodiversity Journal</i> , 2019, 10, 491-492.	0.1	0
57	Inhibition of aldose reductase activity by chemotypes extracts with high content of cannabidiol or cannabigerol. <i>FA-toterap</i> , 2018, 127, 101-108.	1.1	39
58	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
59	Chemical characterization of a variety of cold-pressed gourmet oils available on the Brazilian market. <i>Food Research International</i> , 2018, 109, 517-525.	2.9	77
60	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
61	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
62	Traceability of <i>Opuntia ficus-indica</i> L. Miller by ICP-MS multi-element profile and chemometric approach. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 198-204.	1.7	21
63	Production of single cell protein (SCP) from food and agricultural waste by using <i>Saccharomyces cerevisiae</i> . <i>Natural Product Research</i> , 2018, 32, 648-653.	1.0	69
64	Valorization of raw materials from agricultural industry for astaxanthin and β -carotene production by <i>Xanthophyllomyces dendrorhous</i> . <i>Natural Product Research</i> , 2018, 32, 1554-1561.	1.0	47
65	Adherence to the Mediterranean diet in a Sicilian student population. <i>Natural Product Research</i> , 2018, 32, 1775-1781.	1.0	27
66	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
67	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. <i>Letters in Applied Microbiology</i> , 2018, 67, 175-182.	1.0	29
68	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
69	Investigation of Hg Content by a Rapid Analytical Technique in Mediterranean Pelagic Fishes. <i>Separations</i> , 2018, 5, 51.	1.1	8
70	Analysis of β -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
71	Removal of heavy metal ions from wastewaters using dendrimer-functionalized multi-walled carbon nanotubes. <i>Environmental Science and Pollution Research</i> , 2017, 24, 14735-14747.	2.7	45
72	Metabolite and mineral profiling of "Violetto di Niscemi" and "Spinoso di Menfi" globe artichokes by $^1\text{H-NMR}$ and ICP-MS. <i>Natural Product Research</i> , 2017, 31, 990-999.	1.0	38

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73	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
74	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
75	Monitoring of neonicotinoid pesticides in beekeeping. <i>Natural Product Research</i> , 2017, 31, 1258-1262.	1.0	22
76	Determination of 1,2/1,3-diglycerides in Sicilian extra-virgin olive oils by ¹ H-NMR over a one-year storage period. <i>Natural Product Research</i> , 2017, 31, 822-828.	1.0	45
77	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
78	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
79	Heavy metals in aromatic spices by inductively coupled plasma-mass spectrometry. <i>Food Additives and Contaminants: Part B Surveillance</i> , 2016, 9, 210-216.	1.3	57
80	HR-MAS and NMR towards Foodomics. <i>Food Research International</i> , 2016, 89, 1085-1094.	2.9	41
81	Nero d'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
82	Fatty acids determination in Bronte pistachios by gas chromatographic method. <i>Natural Product Research</i> , 2016, 30, 2378-2382.	1.0	18
83	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
84	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
85	Chemical characterisation of old cabbage (<i>Brassica oleracea</i> L. var. <i>acephala</i>) seed oil by liquid chromatography and different spectroscopic detection systems. <i>Natural Product Research</i> , 2016, 30, 1646-1654.	1.0	22
86	Dynamics of water clusters in solution with LiCl. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 442, 261-267.	1.2	8
87	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
88	Toxic and essential metals determination in commercial seafood: <i>Paracentrotus lividus</i> by ICP-MS. <i>Natural Product Research</i> , 2016, 30, 657-664.	1.0	61
89	Mineral contents in leaves and stems of <i>Cordia verbenacea</i> L. <i>Planta Medica</i> , 2016, 81, S1-S381.	0.7	0
90	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

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91	Dynamical changes in hydration water accompanying lysozyme thermal denaturation. <i>Frontiers of Physics</i> , 2015, 10, 1.	2.4	9
92	Water and lysozyme: Some results from the bending and stretching vibrational modes. <i>Frontiers of Physics</i> , 2015, 10, 1.	2.4	4
93	Research and Innovative Approaches to Obtain Virgin Olive Oils with a Higher Level of Bioactive Constituents. , 2015, , 179-215.		30
94	¹ H HR-MAS NMR Spectroscopy and the Metabolite Determination of Typical Foods in Mediterranean Diet. <i>Journal of Analytical Methods in Chemistry</i> , 2015, 2015, 1-14.	0.7	45
95	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
96	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
97	Toxic Metals in Pelagic, Benthic and Demersal Fish Species from Mediterranean FAO Zone 37. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2015, 95, 567-573.	1.3	69
98	Trace elements in <i>Thunnus thynnus</i> from Mediterranean Sea and benefit "risk assessment for consumers. <i>Food Additives and Contaminants: Part B Surveillance</i> , 2015, 8, 175-181.	1.3	73
99	Agronomical and chemical characterisation of <i>Thymbra capitata</i> (L.) Cav. biotypes from Sicily, Italy. <i>Natural Product Research</i> , 2015, 29, 1289-1299.	1.0	25
100	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
101	The metabolic profile of lemon juice by proton HR-MAS NMR: the case of the PGI Interdonato Lemon of Messina. <i>Natural Product Research</i> , 2015, 29, 1894-1902.	1.0	54
102	Enhanced detection of aldehydes in Extra-Virgin Olive Oil by means of band selective NMR spectroscopy. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015, 420, 258-264.	1.2	58
103	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
104	Mycotoxin contamination of animal feedingstuff: detoxification by gamma-irradiation and reduction of aflatoxins and ochratoxin A concentrations. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2014, 31, 2034-2039.	1.1	57
105	Elucidation of the volatile composition of Marsala wines by using comprehensive two-dimensional gas chromatography. <i>Food Chemistry</i> , 2014, 142, 262-268.	4.2	45
106	Extracts deriving from olive mill waste water and their effects on the liver of the goldfish <i>Carassius auratus</i> fed with hypercholesterolemic diet. <i>Natural Product Research</i> , 2014, 28, 1343-1349.	1.0	57
107	Statistical characterisation of heavy metal contents in <i>Paracentrotus lividus</i> from Mediterranean Sea. <i>Natural Product Research</i> , 2014, 28, 718-726.	1.0	50
108	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

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109	A multivariate statistical analysis coming from the NMR metabolic profile of cherry tomatoes (The Tj ETQq1 1 0.784314 rgBT/Overlo	1.2	41
110	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). Natural Product Research, 2013, 27, 518-523.	1.0	36
111	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. Natural Product Research, 2013, 27, 670-674.	1.0	6
112	Seasonal screening of AChE, GSH and gonad histology, in European sea bass <i>Dicentrarchus labrax</i> L. reared in three different fish farms. Natural Product Research, 2013, 27, 950-955.	1.0	6
113	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