

Petros A. Tarantilis

List of Publications by Year in descending order

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154
papers

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#	ARTICLE	IF	CITATIONS
1	Estimation of Avocado Oil (<i>Persea americana</i> Mill., Greek "Zutano" Variety) Volatile Fraction over Ripening by Classical and Ultrasound Extraction Using HS-SPME-GC-MS. <i>Compounds</i> , 2022, 2, 25-36.	1.0	1
2	Optimized Isolation of Safranal from Saffron by Solid-Phase Microextraction (SPME) and Rotatable Central Composite Design-Response Surface Methodology (RCCD-RSM). <i>Separations</i> , 2022, 9, 48.	1.1	0
3	Chemical Characterization, Antioxidant and Antimicrobial Properties of Different Types of Tissue of <i>Cedrus brevifolia</i> Henry Extracts. <i>Molecules</i> , 2022, 27, 2717.	1.7	4
4	Effect of Dough-Related Parameters on the Antimold Activity of <i>Wickerhamomyces anomalus</i> Strains and Mold-Free Shelf Life of Bread. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4506.	1.3	2
5	An In Vitro Study of Saffron Carotenoids: The Effect of Crocin Extracts and Dimethylcrocetin on Cancer Cell Lines. <i>Antioxidants</i> , 2022, 11, 1074.	2.2	3
6	Rapid screening on aflatoxins™ presence in <i>Pistachia vera</i> nuts using diffuse reflectance infrared Fourier transform spectroscopy and chemometrics. <i>Journal of Food Science and Technology</i> , 2021, 58, 356-365.	1.4	9
7	Quantitative determination of aloin, antioxidant activity, and toxicity of <i>Aloe vera</i> leaf gel products from Greece. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 414-423.	1.7	24
8	Botanical origin discrimination of Greek honeys: physicochemical parameters versus Raman spectroscopy. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 3319-3327.	1.7	18
9	Discrimination of botanical origin of olive oil from selected Greek cultivars by SPME-GC-MS and ATR-FTIR spectroscopy combined with chemometrics. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 2994-3002.	1.7	15
10	Crocins, the Bioactive Components of <i>Crocus sativus</i> L., Counteract the Disrupting Effects of Anesthetic Ketamine on Memory in Rats. <i>Molecules</i> , 2021, 26, 528.	1.7	4
11	Tantalizing role of p53 molecular pathways and its coherent medications in neurodegenerative diseases. <i>International Journal of Biological Macromolecules</i> , 2021, 172, 93-103.	3.6	20
12	The Use of Right Angle Fluorescence Spectroscopy to Distinguish the Botanical Origin of Greek Common Honey Varieties. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4047.	1.3	9
13	SPME-GC-MS and FTIR-ATR Spectroscopic Study as a Tool for Unifloral Common Greek Honeys™ Botanical Origin Identification. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3159.	1.3	12
14	Quality Evaluation of Winery By-Products from Ionian Islands Grape Varieties in the Concept of Circular Bioeconomy. <i>Sustainability</i> , 2021, 13, 5454.	1.6	2
15	Nutraceuticals-based therapeutic approach: recent advances to combat pathogenesis of Alzheimer™s disease. <i>Expert Review of Neurotherapeutics</i> , 2021, 21, 625-642.	1.4	19
16	Response Surface Methodology to Optimize the Isolation of Dominant Volatile Compounds from Monofloral Greek Thyme Honey Using SPME-GC-MS. <i>Molecules</i> , 2021, 26, 3612.	1.7	6
17	Chemometric Study of Fatty Acid Composition of Virgin Olive Oil from Four Widespread Greek Cultivars. <i>Molecules</i> , 2021, 26, 4151.	1.7	5
18	Authentication of the Botanical and Geographical Origin and Detection of Adulteration of Olive Oil Using Gas Chromatography, Infrared and Raman Spectroscopy Techniques: A Review. <i>Foods</i> , 2021, 10, 1565.	1.9	10

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19	The Use of SPME-GC-MS IR and Raman Techniques for Botanical and Geographical Authentication and Detection of Adulteration of Honey. <i>Foods</i> , 2021, 10, 1671.	1.9	24
20	Unifloral Autumn Heather Honey from Indigenous Greek <i>Erica manipuliflora</i> Salisb.: SPME/GC-MS Characterization of the Volatile Fraction and Optimization of the Isolation Parameters. <i>Foods</i> , 2021, 10, 2487.	1.9	7
21	A Review of the Analytical Methods for the Determination of 4(5)-Methylimidazole in Food Matrices. <i>Chemosensors</i> , 2021, 9, 322.	1.8	6
22	The application of right-angle fluorescence spectroscopy as a tool to distinguish five autochthonous commercial Greek white wines. <i>Current Research in Food Science</i> , 2021, 4, 815-820.	2.7	2
23	Greek Honey Authentication: Botanical Approach. <i>Encyclopedia</i> , 2021, 1, 1322-1333.	2.4	1
24	The GABAA-Benzodiazepine Receptor Antagonist Flumazenil Abolishes the Anxiolytic Effects of the Active Constituents of <i>Crocus sativus</i> L. Crocins in Rats. <i>Molecules</i> , 2020, 25, 5647.	1.7	4
25	Crocins from <i>Crocus sativus</i> L. in the Management of Hyperglycemia. In Vivo Evidence from Zebrafish. <i>Molecules</i> , 2020, 25, 5223.	1.7	10
26	Wine Authenticity and Traceability with the Use of FT-IR. <i>Beverages</i> , 2020, 6, 30.	1.3	18
27	Evaluation of Antioxidant Activity, Toxicity, and Phenolic Profile of Aqueous Extracts of Chamomile (<i>Matricaria chamomilla</i> L.) and Sage (<i>Salvia officinalis</i> L.) Prepared at Different Temperatures. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2270.	1.3	38
28	Bioactivity and toxicity evaluation of infusions from selected Greek herbs. <i>Food Bioscience</i> , 2020, 35, 100598.	2.0	5
29	FTIR assessment of compositional changes in lignocellulosic wastes during cultivation of <i>Cyclocybe cylindracea</i> mushrooms and use of chemometric models to predict production performance. <i>Journal of Material Cycles and Waste Management</i> , 2020, 22, 1027-1035.	1.6	21
30	Evaluation of Eight Essential Oils for Postharvest Control of <i>Aspergillus carbonarius</i> in Grapes. <i>Journal of Food Protection</i> , 2020, 83, 1632-1640.	0.8	7
31	Proanthocyanidin content as an astringency estimation tool and maturation index in red and white winemaking technology. <i>Food Chemistry</i> , 2019, 299, 125135.	4.2	26
32	Valorization of Olive By-Products as Substrates for the Cultivation of <i>Ganoderma lucidum</i> and <i>Pleurotus ostreatus</i> Mushrooms with Enhanced Functional and Prebiotic Properties. <i>Catalysts</i> , 2019, 9, 537.	1.6	34
33	Characterization of the chemical composition of <i>Drimys numidica</i> plant parts using high-resolution mass spectrometry: study of their total phenolic content and antioxidant activity. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 3135-3150.	1.9	16
34	Study on the Chemical Composition, Enzyme Inhibition and Antioxidant Activity of <i>Ziziphora taurica</i> subspecies <i>cleonioides</i> . <i>Applied Sciences (Switzerland)</i> , 2019, 9, 5515.	1.3	6
35	Crocins: The Active Constituents of <i>Crocus sativus</i> L. Stigmas, Exert Significant Cytotoxicity on Tumor Cells In Vitro. <i>Current Cancer Therapy Reviews</i> , 2019, 15, 225-234.	0.2	1
36	Ellagitannins in wines: Future prospects in methods of analysis using FT-IR spectroscopy. <i>LWT - Food Science and Technology</i> , 2019, 101, 48-53.	2.5	12

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37	Antioxidant Properties of Crocus Sativus L. and Its Constituents and Relevance to Neurodegenerative Diseases; Focus on Alzheimer's and Parkinson's Disease. <i>Current Neuropharmacology</i> , 2019, 17, 377-402.	1.4	62
38	Effects of the active constituents of Crocus sativus L. crocins and their combination with memantine on recognition memory in rats. <i>Behavioural Pharmacology</i> , 2018, 29, 400-412.	0.8	11
39	Review on the loading efficacy of dietary tea polyphenols with milk proteins. <i>Food Hydrocolloids</i> , 2018, 77, 322-328.	5.6	65
40	Hippocratic medicinal flora on the Greek Island of Kos: Spatial distribution, assessment of soil conditions, essential oil content and chemotype analysis. <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 2018, 9, 97-109.	0.9	11
41	Methodological effects in Fourier transform infrared (FTIR) spectroscopy: Implications for structural analyses of biomacromolecular samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 193, 558-564.	2.0	32
42	Novel application and industrial exploitation of winery by-products. <i>Bioresources and Bioprocessing</i> , 2018, 5, .	2.0	105
43	Chemical composition of essential oil of <i>Jatropha curcas</i> L. leaves and its antioxidant and antimicrobial activities. <i>Industrial Crops and Products</i> , 2018, 121, 405-410.	2.5	33
44	Wine authentication with Fourier Transform Infrared Spectroscopy: a feasibility study on variety, type of barrel wood and ageing time classification. <i>International Journal of Food Science and Technology</i> , 2017, 52, 1307-1313.	1.3	26
45	Crocins, the active constituents of <i>Crocus sativus</i> L., counteracted apomorphine-induced performance deficits in the novel object recognition task, but not novel object location task, in rats. <i>Neuroscience Letters</i> , 2017, 644, 37-42.	1.0	20
46	Conductive polymer-based bioelectrochemical assembly for in vitro cytotoxicity evaluation: Renoprotective assessment of <i>Salvia officinalis</i> against carbon tetrachloride induced nephrotoxicity. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 2304-2314.	1.1	5
47	Differentiation and identification of grape-associated black aspergilli using Fourier transform infrared (FT-IR) spectroscopic analysis of mycelia. <i>International Journal of Food Microbiology</i> , 2017, 259, 22-28.	2.1	12
48	Sudan dyes in adulterated saffron (<i>Crocus sativus</i> L.): Identification and quantification by ¹ H NMR. <i>Food Chemistry</i> , 2017, 217, 418-424.	4.2	74
49	Comparative evaluation of an ISO 3632 method and an HPLC-DAD method for safranal quantity determination in saffron. <i>Food Chemistry</i> , 2017, 221, 838-843.	4.2	70
50	Special Issue "Saffron (<i>Crocus sativus</i> , L.): Omics and Other Techniques in Authenticity, Quality, and Bioactivity Studies": <i>Molecules</i> , 2017, 22, 10.	1.7	10
51	Red Wine Age Estimation by the Alteration of Its Color Parameters: Fourier Transform Infrared Spectroscopy as a Tool to Monitor Wine Maturation Time. <i>Journal of Analytical Methods in Chemistry</i> , 2017, 2017, 1-9.	0.7	17
52	Tumor-Suppressing Properties of <i>Crocus sativus</i> L.: Nature as an Anti-Cancer Agent. <i>Critical Reviews in Oncogenesis</i> , 2017, 22, 263-273.	0.2	4
53	Estimation of Antioxidant Activity of Different Mixed Herbal Infusions using Attenuated Total Reflectance Fourier Transform Infrared Spectroscopy and Chemometrics. <i>Emirates Journal of Food and Agriculture</i> , 2017, 29, 149.	1.0	7
54	Polyphenol composition and in vitro antiproliferative effect of corm, tepal and leaf from <i>Crocus sativus</i> L. on human colon adenocarcinoma cells (Caco-2). <i>Journal of Functional Foods</i> , 2016, 24, 18-25.	1.6	40

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55	Effect of single or combined chemical and natural antimicrobial interventions on Escherichia coli O157:H7, total microbiota and color of packaged spinach and lettuce. <i>International Journal of Food Microbiology</i> , 2016, 220, 6-18.	2.1	53
56	Authenticity Determination of Greek-Cretan Mono-Varietal White and Red Wines Based on their Phenolic Content Using Attenuated Total Reflectance Fourier Transform Infrared Spectroscopy and Chemometrics. <i>Current Research in Nutrition and Food Science</i> , 2016, 4, 54-62.	0.3	14
57	Determination of $\hat{\nu}$ - and $\hat{\nu}$ -Thujone in Wormwood and Sage Infusions of Greek Flora and Estimation of their Average Toxicity. <i>Current Research in Nutrition and Food Science</i> , 2016, 4, 152-160.	0.3	11
58	Biological activity of selected Greek medicinal and aromatic plants extracts on <i>Alternaria alternata</i> . <i>Emirates Journal of Food and Agriculture</i> , 2016, 28, 796.	1.0	2
59	Monitoring wine aging with Fourier transform infrared spectroscopy (FT-IR). <i>BIO Web of Conferences</i> , 2015, 5, 02016.	0.1	4
60	Acute effects of coffee consumption on self-reported gastrointestinal symptoms, blood pressure and stress indices in healthy individuals. <i>Nutrition Journal</i> , 2015, 15, 26.	1.5	32
61	NaOH pretreatment of compost derived from olive tree pruning waste biomass greatly improves biosorbent characteristics for the removal of Pb^{2+} and Ni^{2+} from aqueous solutions. <i>Chemistry and Ecology</i> , 2015, 31, 724-740.	0.6	17
62	Comparative chemistry and biological properties of the solid residues from hydrodistillation of Spanish populations of <i>Rosmarinus officinalis</i> L. <i>Grasas Y Aceites</i> , 2015, 66, e079.	0.3	9
63	Diffuse reflectance Fourier transform infrared spectroscopy for simultaneous quantification of total phenolics and condensed tannins contained in grape seeds. <i>Industrial Crops and Products</i> , 2015, 74, 784-791.	2.5	25
64	Pectin functionalised by fatty acids: Diffuse reflectance infrared Fourier transform (DRIFT) spectroscopic characterisation. <i>Journal of Molecular Structure</i> , 2015, 1079, 74-77.	1.8	9
65	FTIR spectroscopic evaluation of changes in the cellular biochemical composition of the phytopathogenic fungus <i>Alternaria alternata</i> induced by extracts of some Greek medicinal and aromatic plants. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 127, 463-472.	2.0	19
66	An assessment of the behavior of carvacrol rich wild Lamiaceae species from the eastern Aegean under cultivation in two different environments. <i>Industrial Crops and Products</i> , 2014, 54, 62-69.	2.5	12
67	Crocins, the active constituents of <i>Crocus Sativus</i> L., counteracted ketamine-induced behavioural deficits in rats. <i>Psychopharmacology</i> , 2014, 231, 717-726.	1.5	60
68	Total phenolic content, antioxidant activity and toxicity of aqueous extracts from selected Greek medicinal and aromatic plants. <i>Industrial Crops and Products</i> , 2014, 53, 46-54.	2.5	150
69	Responses of <i>Myzus persicae</i> (Sulzer) to three Lamiaceae essential oils obtained by microwave-assisted and conventional hydrodistillation. <i>Industrial Crops and Products</i> , 2014, 62, 272-279.	2.5	41
70	Comparative chemotype determination of Lamiaceae plants by means of GC-MS, FT-IR, and dispersive-Raman spectroscopic techniques and GC-FID quantification. <i>Industrial Crops and Products</i> , 2014, 62, 22-33.	2.5	22
71	Determination of Saffron Quality by High-Performance Liquid Chromatography. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 8068-8074.	2.4	89
72	Polyphenol composition, antioxidant and bioplague activities of the solid residue from hydrodistillation of <i>Rosmarinus officinalis</i> L. <i>Industrial Crops and Products</i> , 2014, 59, 125-134.	2.5	42

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73	Geographical differentiation of dried lentil seed (<i>Lens culinaris</i>) samples using Diffuse Reflectance Fourier Transform Infrared Spectroscopy (DRIFTS) and discriminant analysis. <i>Food Chemistry</i> , 2014, 145, 1011-1014.	4.2	23
74	Probing the binding sites of resveratrol, genistein, and curcumin with milk β -lactoglobulin. <i>Journal of Biomolecular Structure and Dynamics</i> , 2013, 31, 1455-1466.	2.0	66
75	Polyphenol composition and antioxidant and metal chelating activities of the solid residues from the essential oil industry. <i>Industrial Crops and Products</i> , 2013, 49, 150-159.	2.5	89
76	Emission (57Co) Mössbauer spectroscopy as a tool for probing speciation and metabolic transformations of cobalt(II) in bacterial cells. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 1921-1927.	1.9	10
77	Direct Determination of Rosmarinic Acid in Lamiaceae Herbs Using Diffuse Reflectance Infrared Fourier Transform Spectroscopy (DRIFTS) and Chemometrics. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 3235-3241.	2.4	26
78	Effects of americium-241 and humic substances on <i>Photobacterium phosphoreum</i> : Bioluminescence and diffuse reflectance FTIR spectroscopic studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 100, 171-175.	2.0	12
79	Incidence of Bacteriocins Produced by Food-Related Lactic Acid Bacteria Active towards Oral Pathogens. <i>International Journal of Molecular Sciences</i> , 2013, 14, 4640-4654.	1.8	33
80	Monitoring of royal jelly protein degradation during storage using Fourier-transform infrared (FTIR) spectroscopy. <i>Journal of Apicultural Research</i> , 2012, 51, 185-192.	0.7	11
81	Effects of the active constituents of <i>Crocus Sativus</i> L., crocins, in an animal model of obsessive-compulsive disorder. <i>Neuroscience Letters</i> , 2012, 528, 27-30.	1.0	90
82	Locating the binding sites of retinol and retinoic acid with milk β -lactoglobulin. <i>Journal of Biomolecular Structure and Dynamics</i> , 2012, 30, 437-447.	2.0	29
83	Rapid strain classification and taxa delimitation within the edible mushroom genus <i>Pleurotus</i> through the use of diffuse reflectance infrared Fourier transform (DRIFT) spectroscopy. <i>Fungal Biology</i> , 2012, 116, 715-728.	1.1	31
84	Comparing poly-3-hydroxybutyrate accumulation in <i>Azospirillum brasilense</i> strains Sp7 and Sp245: The effects of copper(II). <i>Applied Soil Ecology</i> , 2012, 61, 213-216.	2.1	32
85	Classification of Greek <i>Mentha pulegium</i> L. (Pennyroyal) Samples, According to Geographical Location by Fourier Transform Infrared Spectroscopy. <i>Phytochemical Analysis</i> , 2012, 23, 34-43.	1.2	27
86	Investigation of organic extractives from unifloral chestnut (<i>Castanea sativa</i> L.) and eucalyptus (<i>Eucalyptus globulus</i> Labill.) honeys and flowers to identification of botanical marker compounds. <i>LWT - Food Science and Technology</i> , 2011, 44, 1042-1051.	2.5	55
87	Variability in essential oil content and composition of <i>Origanum hirtum</i> L., <i>Origanum onites</i> L., <i>Coridothymus capitatus</i> (L.) and <i>Satureja thymbra</i> L. populations from the Greek island Ikaria. <i>Industrial Crops and Products</i> , 2011, 33, 236-241.	2.5	66
88	Rapid determination of safranal in the quality control of saffron spice (<i>Crocus sativus</i> L.). <i>Food Chemistry</i> , 2011, 127, 369-373.	4.2	63
89	Milk β -lactoglobulin complexes with tea polyphenols. <i>Food Chemistry</i> , 2011, 127, 1046-1055.	4.2	398
90	Quantitative determination of anthocyanins in three sweet cherry varieties using diffuse reflectance infrared Fourier transform spectroscopy. <i>Journal of Food Composition and Analysis</i> , 2011, 24, 17-21.	1.9	43

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91	Generation of linalool derivatives in an artificial honey produced from bees fed with linalool-enriched sugar syrup. <i>European Food Research and Technology</i> , 2010, 231, 21-25.	1.6	12
92	Detection of changes in the cellular composition of <i>Salmonella enterica</i> serovar Typhimurium in the presence of antimicrobial compound(s) of <i>Lactobacillus</i> strains using Fourier transform infrared spectroscopy. <i>International Journal of Food Microbiology</i> , 2010, 144, 202-207.	2.1	19
93	Etherio, a new variety of <i>Lavandula angustifolia</i> with improved essential oil production and composition from natural selected genotypes growing in Greece. <i>Industrial Crops and Products</i> , 2010, 32, 77-82.	2.5	29
94	Effects of mild temperature conditions during dehydration procedures on saffron quality parameters. <i>Journal of the Science of Food and Agriculture</i> , 2010, 90, 719-725.	1.7	41
95	Botanical discrimination and classification of honey samples applying gas chromatography/mass spectrometry fingerprinting of headspace volatile compounds. <i>Food Chemistry</i> , 2010, 121, 856-862.	4.2	126
96	Rapid qualitative and quantitative detection of beef fillets spoilage based on Fourier transform infrared spectroscopy data and artificial neural networks. <i>Sensors and Actuators B: Chemical</i> , 2010, 145, 146-154.	4.0	109
97	Resveratrol, Genistein, and Curcumin Bind Bovine Serum Albumin. <i>Journal of Physical Chemistry B</i> , 2010, 114, 3348-3354.	1.2	356
98	Changes in saffron volatile profile according to its storage time. <i>Food Research International</i> , 2010, 43, 1329-1334.	2.9	70
99	Picrocrocin Content and Quality Categories in Different (345) Worldwide Samples of Saffron (<i>Crocus</i>) Tj ETQq1 1 0,784314 rgBT /Ov 2.4 48	2.4	48
100	SyMiC, a Methodology for the Pinpointing and Utilization of Natural Products: A Review and Future Prospects. , 2009, , .		0
101	Worldwide market screening of saffron volatile composition. <i>Journal of the Science of Food and Agriculture</i> , 2009, 89, 1950-1954.	1.7	71
102	Ultrasound-assisted extraction gas chromatography-mass spectrometry analysis of volatile compounds in unifloral thyme honey from Greece. <i>European Food Research and Technology</i> , 2009, 229, 365-373.	1.6	46
103	An overview of structural features of DNA and RNA complexes with saffron compounds: Models and antioxidant activity. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2009, 95, 204-212.	1.7	78
104	Quantitative Determination of Pulegone in Pennyroyal Oil by FT-IR Spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 10044-10048.	2.4	34
105	Responses of <i>Azospirillum brasilense</i> to Nitrogen Deficiency and to Wheat Lectin: A Diffuse Reflectance Infrared Fourier Transform (DRIFT) Spectroscopic Study. <i>Microbial Ecology</i> , 2008, 56, 615-624.	1.4	39
106	Identification and differentiation of goat and sheep milk based on diffuse reflectance infrared Fourier transform spectroscopy (DRIFTS) using cluster analysis. <i>Food Chemistry</i> , 2008, 106, 1271-1277.	4.2	38
107	Antioxidant activity in meat treated with oregano and sage essential oils. <i>Food Chemistry</i> , 2008, 106, 1188-1194.	4.2	282
108	Differentiation of Greek red wines on the basis of grape variety using attenuated total reflectance Fourier transform infrared spectroscopy. <i>Food Chemistry</i> , 2008, 111, 192-196.	4.2	96

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109	Effects of the active constituents of <i>Crocus sativus</i> L., crocins, in an animal model of anxiety. <i>Phytomedicine</i> , 2008, 15, 1135-1139.	2.3	127
110	Solid-phase microextraction/gas-chromatographic/mass spectrometric analysis of <i>p</i> -dichlorobenzene and naphthalene in honey. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2008, 25, 1272-1277.	1.1	16
111	RNA Arbitrarily Primed PCR and Fourier Transform Infrared Spectroscopy Reveal Plasticity in the Acid Tolerance Response of <i>Streptococcus macedonicus</i> . <i>Applied and Environmental Microbiology</i> , 2008, 74, 6068-6076.	1.4	22
112	Effects of the active constituents of <i>Crocus sativus</i> L., crocins on recognition and spatial rats' memory. <i>Behavioural Brain Research</i> , 2007, 183, 141-146.	1.2	126
113	Interaction of tRNA with Safranal, Crocetin, and Dimethylcrocetin. <i>Journal of Biomolecular Structure and Dynamics</i> , 2007, 24, 537-545.	2.0	26
114	Crocetin, Dimethylcrocetin, and Safranal Bind Human Serum Albumin: Stability and Antioxidative Properties. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 970-977.	2.4	175
115	Comparison of the Volatile Composition in Thyme Honeys from Several Origins in Greece. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 8152-8157.	2.4	114
116	DNA Interaction with Saffron's Secondary Metabolites Safranal, Crocetin, and Dimethylcrocetin. <i>DNA and Cell Biology</i> , 2007, 26, 63-70.	0.9	63
117	Aroma investigation of unifloral Greek citrus honey using solid-phase microextraction coupled to gas chromatographic-mass spectrometric analysis. <i>Food Chemistry</i> , 2007, 100, 396-404.	4.2	119
118	Chemical composition of the essential oil from leaves of <i>Lippia citriodora</i> H.B.K. (Verbenaceae) at two developmental stages. <i>Biochemical Systematics and Ecology</i> , 2007, 35, 831-837.	0.6	97
119	An Overview of DNA and RNA Bindings to Antioxidant Flavonoids. <i>Cell Biochemistry and Biophysics</i> , 2007, 49, 29-36.	0.9	91
120	Quantitative analysis of garlic (<i>Allium sativum</i>) oil unsaturated acyclic components using FT-Raman spectroscopy. <i>Food Chemistry</i> , 2006, 94, 287-295.	4.2	34
121	Kenaf xylan - A source of biologically active acidic oligosaccharides. <i>Carbohydrate Polymers</i> , 2006, 66, 126-134.	5.1	105
122	Instrumental analysis of bacterial cells using vibrational and emission Mössbauer spectroscopic techniques. <i>Analytica Chimica Acta</i> , 2006, 573-574, 445-452.	2.6	32
123	Antioxidant flavonoids bind human serum albumin. <i>Journal of Molecular Structure</i> , 2006, 798, 69-74.	1.8	152
124	Comparison of distillation and ultrasound-assisted extraction methods for the isolation of sensitive aroma compounds from garlic (<i>Allium sativum</i>). <i>Ultrasonics Sonochemistry</i> , 2006, 13, 54-60.	3.8	223
125	Improvement of biodiesel production based on the application of ultrasound: Monitoring of the procedure by FTIR spectroscopy. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2006, 83, 53-57.	0.8	139
126	Interaction of Antioxidant Flavonoids with tRNA: Intercalation or External Binding and Comparison with Flavonoid-DNA Adducts. <i>DNA and Cell Biology</i> , 2006, 25, 116-123.	0.9	44

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127	Effects of heavy metals on plant-associated rhizobacteria: Comparison of endophytic and non-endophytic strains of <i>Azospirillum brasilense</i> . <i>Journal of Trace Elements in Medicine and Biology</i> , 2005, 19, 91-95.	1.5	70
128	Evaluation of four isolation techniques for honey aroma compounds. <i>Journal of the Science of Food and Agriculture</i> , 2005, 85, 91-97.	1.7	85
129	Flavour compounds of Greek cotton honey. <i>Journal of the Science of Food and Agriculture</i> , 2005, 85, 1444-1452.	1.7	47
130	DNA Interaction with Naturally Occurring Antioxidant Flavonoids Quercetin, Kaempferol, and Delphinidin. <i>Journal of Biomolecular Structure and Dynamics</i> , 2005, 22, 719-724.	2.0	104
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