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Comparative evaluation of 11 essential oils of different origin as functional antioxidants, antiradicals and antimicrobials in foods

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487	Antioxidant and antimicrobial properties of the extracts from <i>Nitraria retusa</i> fruits and their applications to meat product preservation. <b>2014</b> , 55, 295-303	28
486	Hepatoprotective and antioxidant activity of linden ( <i>Tilia platyphyllos</i> L.) infusion against ethanol-induced oxidative stress in rats. <b>2014</b> , 247, 181-8	15
485	Chemical basis of anti-listerial effects of rosemary herb during stomaching with fresh-cut vegetables. <b>2014</b> , 57, 16-21	6
484	Solvent-free microwave extraction of essential oil from pigeon pea leaves [ <i>Cajanus cajan</i> (L.) Millsp.] and evaluation of its antimicrobial activity. <b>2014</b> , 58, 322-328	30
483	Identification and characterization of dimeric oxidation products of p-cymene-2,3-diol isolated from <i>Thymus vulgaris</i> L. <b>2014</b> , 62, 235-43	5

482	Variability of antioxidant and antibacterial effects of essential oils and acetonetic extracts of two edible halophytes: <i>Crithmum maritimum</i> L. and <i>Inula crithmoides</i> L. <i>Food Chemistry</i> , <b>2014</b> , 145, 1031-8	8.5	64
481	Essential oil profiles. <b>2014</b> , 187-482		46
480	Chemical composition of essential oil of <i>Psidium guajava</i> L. growing in Tunisia. <b>2014</b> , 52, 29-31		30
479	Chemical composition and bioactivity studies of <i>Alpinia nigra</i> essential oils. <b>2014</b> , 53, 111-119		22
478	Composition and antimicrobial activity of essential oils isolated from Egyptian plants against plant pathogenic bacteria and fungi. <b>2014</b> , 52, 776-782		75
477	Antioxidant activity of fractions from oregano essential oils obtained by molecular distillation. <i>Food Chemistry</i> , <b>2014</b> , 156, 212-9	8.5	72
476	Physical, antioxidant and antimicrobial properties of chitosan/cinnamon leaf oil films as affected by oleic acid. <b>2014</b> , 36, 256-264		111
475	<i>Scapania nemorea</i> liverwort extracts: Investigation on volatile compounds, in vitro antimicrobial activity and control of <i>Saccharomyces cerevisiae</i> in fruit juice. <b>2014</b> , 55, 452-458		15
474	Antioxidant, antimicrobial and toxicological properties of <i>Schinus molle</i> L. essential oils. <b>2014</b> , 151, 485-92		98
473	Chemical composition and bioactivity of <i>Thymus daenensis</i> Celak (Lamiaceae) essential oil against two lepidopteran stored-product insects. <b>2014</b> , 26, 118-124		19
472	Micropropagation, antioxidant properties and phytochemical assessment of <i>Swertia corymbosa</i> (Griseb.) Wight ex C. B. Clarke: a medicinal plant. <b>2014</b> , 36, 589-603		19
471	Impact of essential oils on the taste acceptance of tomato juice, vegetable soup, or poultry burgers. <b>2014</b> , 79, S1575-83		27
470	Syndiotactic polystyrene films with a cocrystalline phase including carvacrol guest molecules. <b>2014</b> , 52, 657-665		19
469	Antibacterial activity against <i>Clostridium</i> genus and antiradical activity of the essential oils from different origin. <b>2014</b> , 49, 505-12		31
468	Anxiolytic and antidepressant like effects of natural food flavour (E)-methyl isoeugenol. <b>2014</b> , 5, 1819-28		19
467	Encapsulation and modified-release of thymol from oral microparticles as adjuvant or substitute to current medications. <b>2014</b> , 21, 1627-32		18
466	Ripening stage and extraction method effects on physical properties, polyphenol composition and antioxidant activities of cumin ( <i>Cuminum cyminum</i> L.) seeds. <b>2014</b> , 69, 358-64		15
465	Phytochemical Constituents and Antiarthritic Activity of <i>Ehretia laevis</i> Roxb. <b>2014</b> , 38, 433-443		3

464	Accumulation of Mn in Leaves of <i>Rosmarinus officinalis</i> Cultivated in Substrates of Pine Bark. <b>2014</b> , 45, 1961-1973	
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461	The effect of the <i>Thymus vulgaris</i> extracts on the physicochemical characteristics of cedar wood using angle contact measurement. <b>2014</b> , 28, 1925-1934	18
460	In-vitro assessment of antioxidant and antimicrobial activities of methanol extracts and essential oil of <i>Thymus hirtus</i> sp. algeriensis. <b>2014</b> , 13, 114	20
459	Chemical composition, antibacterial and antioxidant activity of essential oil of <i>Eupatorium adenophorum</i> Spreng. from Eastern Uttar Pradesh, India. <b>2014</b> , 7, 80-87	22
458	Active and intelligent packaging systems for a modern society. <b>2014</b> , 98, 404-19	332
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455	Feasibility of detecting prostate cancer by ultraperformance liquid chromatography-mass spectrometry serum metabolomics. <b>2014</b> , 13, 3444-54	43
454	Self-emulsification of alkaline-dissolved clove bud oil by whey protein, gum arabic, lecithin, and their combinations. <b>2014</b> , 62, 4417-24	44
453	Synthesis and characterization of Cyclodextrin inclusion complexes of thymol and thyme oil for antimicrobial delivery applications. <b>2014</b> , 59, 247-255	104
452	Chemical composition and possible use as adjuvant of the antibiotic therapy of the essential oil of <i>Rosmarinus officinalis</i> L.. <b>2014</b> , 59, 290-294	33
451	Chemical composition and antibacterial activity of <i>Laurus nobilis</i> essential oil towards foodborne pathogens and its application in fresh Tuscan sausage stored at 7 °C. <b>2014</b> , 59, 86-93	61
450	Recent Advances in the Application of Metabolomics to Studies of Biogenic Volatile Organic Compounds (BVOC) Produced by Plant. <b>2014</b> , 4, 699-721	22
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448	Hydrodistillation extraction time effect on essential oil yield, composition, and bioactivity of coriander oil. <b>2014</b> , 63, 857-65	23
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446	Spin trapping studies of essential oils in lipid systems. <b>2015</b> , 60, 461-468	1
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443	The chemopreventive potential of <i>Curcuma purpurascens</i> rhizome in reducing azoxymethane-induced aberrant crypt foci in rats. <b>2015</b> , 9, 3911-22	8
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419	Advantages and limitations of common testing methods for antioxidants. <b>2015</b> , 49, 633-49	257
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416	Comparative inhibitory effects of <i>Thymus vulgaris</i> L. essential oil against <i>Staphylococcus aureus</i> , <i>Listeria monocytogenes</i> and mesophilic starter co-culture in cheese-mimicking models. <b>2015</b> , 52, 59-65	58
415	Antioxidant, $\alpha$ -glucosidase inhibitory activity and sub-chronic toxicity of <i>Derris reticulata</i> extract: its antidiabetic potential. <b>2015</b> , 15, 35	19
414	Antimicrobial, antibiotic potentiating activity and phytochemical profile of essential oils from exotic and endemic medicinal plants of Mauritius. <b>2015</b> , 71, 197-204	64
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409	Simple QSPR Modeling for Prediction of the GC Retention Indices of Essential Oil Compounds. <b>2015</b> , 18, 1298-1309		2
408	Synergism between high-pressure processing and active packaging against <i>Listeria monocytogenes</i> in ready-to-eat chicken breast. <b>2015</b> , 27, 41-47		37
407	Purification, structural data and biological properties of polysaccharide from <i>Prunus amygdalus</i> gum. <b>2015</b> , 50, 578-584		45
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402	Extraction of thymol from different varieties of thyme plants using green solvents. <b>2015</b> , 95, 2901-7		49
401	Variations in composition and antioxidant activity of Tunisian <i>Pistacia lentiscus</i> L. leaf essential oil. <b>2015</b> , 149, 38-47		4
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398	Structural data and biological properties of almond gum oligosaccharide: application to beef meat preservation. <b>2015</b> , 72, 472-9		45
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393	Composição química e concentração m�nima bactericida de dezesseis �leos essenciais sobre <i>Escherichia coli</i> enterotoxig�nica. <b>2016</b> , 18, 105-112		5



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389	Antibacterial and Antioxidant Properties of the Leaves and Stem Essential Oils of <i>L.</i> <b>2016</b> , 2016, 9392716	12
388	Cytotoxic Effect and TLC Bioautography-Guided Approach to Detect Health Properties of Amazonian <i>Hedyosmum sprucei</i> Essential Oil. <b>2016</b> , 2016, 1638342	17
387	Recent trends in active packaging in fruits and vegetables. <b>2016</b> , 77-125	17
386	Sweet Fennel ( <i>Ocimum gratissimum</i> ) Oils. <b>2016</b> , 765-773	2
385	Essential Oil Characterization of <i>Thymus vulgaris</i> from Various Geographical Locations. <b>2016</b> , 5,	82
384	Essential Oils' Chemical Characterization and Investigation of Some Biological Activities: A Critical Review. <b>2016</b> , 3,	353
383	Chemical Variability and Biological Activities of <i>Eucalyptus</i> spp. Essential Oils. <b>2016</b> , 21,	68
382	Preparation of alpha-bisabolol and phenylethyl resorcinol/TiO <sub>2</sub> hybrid composites for potential applications in cosmetics. <b>2016</b> , 38, 524-34	12
381	Antidiarrhoeal, antimicrobial and antioxidant effects of myrtle berries ( <i>Myrtus communis</i> L.) seeds extract. <b>2016</b> , 68, 264-74	30
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348	Protective effect and antioxidant role of sweetgum ( <i>Liquidambar orientalis</i> ) oil against carbon tetrachloride-induced hepatotoxicity and oxidative stress in rats. <b>2016</b> , 54, 451-7	15
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336	Preparative separation of four sesquiterpenoids from <i>Curcuma longa</i> by high-speed counter-current chromatography. <b>2017</b> , 52, 497-503		4
335	Chemical Compositions, Antioxidant and Antimicrobial Activities of Essential Oils of <i>Psidium guajava</i> L. Leaves from Different Geographic Regions in China. <b>2017</b> , 14, e1700114		8
334	In vitro and in vivo activity of essential oils extracted from <i>Eucalyptus staigeriana</i> , <i>Eucalyptus globulus</i> and <i>Cinnamomum camphora</i> against <i>Alternaria solani</i> Sorauer causing early blight in tomato. <b>2017</b> , 223, 72-77		28
333	<i>Gastrothylax crumenifer</i> : Ultrastructure and histopathology study of in vitro trematocidal action of <i>Marattia fraxinea</i> (Sm.). <b>2017</b> , 3,		1
332	Insecticidal activities of their components derived from the essential oils of <i>Cinnamomum</i> sp. barks and against <i>Ricania</i> sp. (Homoptera: Ricaniidae), a newly recorded pest. <b>2017</b> , 73, 2000-2004		13
331	Functionalization and characterization of cotton with phase change materials and thyme oil encapsulated in beta-cyclodextrins. <b>2017</b> , 107, 64-74		29
330	Résistance aux antibiotiques et mécanismes d'action des huiles essentielles contre les bactéries. <b>2017</b> , 1		8
329	Chemical Composition and Antibacterial Activity of Iranian <i>Lavandula Hybrid</i> . <b>2017</b> , 14, e1700064		17
328	Antioxidant/antihyperglycemic activity of phenolics from sugarcane ( <i>Saccharum officinarum</i> L.) bagasse and identification by UHPLC-HR-TOFMS. <b>2017</b> , 101, 104-114		34
327	Biological activities and major components determination in essential oils intended for a biodegradable food packaging. <b>2017</b> , 97, 201-210		30
326	Antimicrobial mechanism of the major active essential oil compounds and their structure-activity relationship. <b>2017</b> , 26, 442-449		16
325	Thyme essential oil loaded in nanochitosans: Encapsulation efficiency, in vitro release study and antioxidant activity. <b>2017</b> , 77, 497-502		34
324	Antimicrobial activity of several essential oils on pathogenic and beneficial bacteria. <b>2017</b> , 97, 128-136		51
323	Recent Advances in Bioactivities of Common Food Biocompounds. <b>2017</b> , 541-594		2
322	Phytochemical Screening and Antidermatophytic Activity of <i>Cymbopogon citratus</i> Leaves Essential Oil and their Fractions. <b>2017</b> , 20, 1107-1116		3
321	Aromatic and Medicinal Plants of Tunisian Arid and Desert Zone Used in Traditional Medicine, for Drug Discovery and Biotechnological Applications. <b>2017</b> , 157-230		7

320	Anti-inflammatory Effect of Essential Oil from <i>Citrus aurantium</i> L. var. <i>amara</i> Engl. <b>2017</b> , 65, 8586-8594	27
319	Antioxidants of Olive Oil, Olive Leaves, and their Bioactivity. <b>2017</b> , 367-382	2
318	Variation on Composition and Bioactivity of Essential Oils of Four Common <i>Curcuma</i> Herbs. <b>2017</b> , 14, e1700280	12
317	Synergistic effects of some essential oils against fungal spoilage on pear fruit. <b>2017</b> , 257, 285-294	67
316	Chemical Composition of Essential Oil of the Aerial Parts of Wild Growing <i>Thymus capitatus</i> (L.) Hoffm. & Link Species Collected from Three Different Locations in Northern Cyprus. <b>2017</b> , 20, 546-551	3
315	Comparison of effectiveness of edible coatings using emulsions containing lemongrass oil of different size droplets on grape berry safety and preservation. <b>2017</b> , 75, 742-750	65
314	Effect of drought stress on essential oil composition of <i>Thymus vulgaris</i> L. (Chemotype 1, 8-cineole) from wild populations of Eastern Iberian Peninsula. <b>2017</b> , 29, 145-155	8
313	High Throughput Screening for Bioactive Volatile Compounds and Polyphenols from Almond ( <i>Prunus amygdalus</i> ) Gum: Assessment of Their Antioxidant and Antibacterial Activities. <b>2017</b> , 41, e12996	8
312	Oxidative Stability of Virgin Olive Oil Supplemented with <i>Zataria multiflora</i> Boiss. and <i>Rosmarinus officinalis</i> L. Essential Oils During Accelerated Storage. <b>2017</b> , 41, e12951	17
311	<i>Rosmarinus eriocalyx</i> : An alternative to <i>Rosmarinus officinalis</i> as a source of antioxidant compounds. <i>Food Chemistry</i> , <b>2017</b> , 218, 78-88	8,5 31
310	Essential Oil Yield and Composition of Native Tree Species from Atlantic Forest, South of Brazil. <b>2017</b> , 20, 1525-1535	8
309	Chemical Composition and Antioxidant Activity of Essential Oils from Three Varieties of <i>Carya illinoensis</i> (Wangenh.) C. Koch Grown in Tunisia. <b>2017</b> , 20, 1472-1481	1
308	Influence of L. essential oil on the oxidative stability of canola oil during storage. <b>2017</b> , 54, 3073-3081	18
307	SCREENING OF THYMUS VULGARIS ESSENTIAL OIL AGAINST FUNGI CAUSING DERMATOPHYTOSIS IN HUMAN BEINGS. <b>2017</b> , 9, 236	1
306	Antioxidant Activity of Essential Oil Extracted by SC-CO <sub>2</sub> from Seeds of <i>Trachyspermum ammi</i> . <b>2017</b> , 4,	7
305	Antimicrobial agents from Malaysian plants and their potential use in food packaging material: Review. <b>2017</b> , 19, 57	7
304	Chemotypic Characterization and Biological Activity of <i>Rosmarinus officinalis</i> . <b>2017</b> , 6,	60
303	Phytochemistry, Antioxidant, Antibacterial Activity, and Medicinal Uses of Aromatic (Medicinal Plant <i>Rosmarinus officinalis</i> ). <b>2017</b> ,	2

302	Chemical composition and antioxidant activity of <i>Lippia alba</i> essential oil obtained by supercritical CO <sub>2</sub> and hydrodistillation. <b>2017</b> , 16, 962-970	3
301	Chemical composition of the essential oil of <i>Viola serpens</i> from Bageshwar (Shama), Uttarakhad, India. <b>2017</b> , 11, 513-517	7
300	Evaluation of cytotoxic, membrane, and DNA damaging effects of <i>Thymus revolutus</i> Clak essential oil on different cancer cells. <b>2017</b> , 47, 702-714	6
299	Eugenol Enrichment of Clove Bud Essential Oil Using Different Microwave-assisted Distillation Methods. <b>2017</b> , 23, 385-394	20
298	. <b>2017</b> , 17,	4
297	Phytochemical composition of <i>Anastatica hierochuntica</i> L., can it fight the toxigenic bacterial agents responsible for food poisoning?. <b>2017</b> , 6, 5-8	1
296	Chemical composition, antioxidant activity and antifungal effects of five Iranian essential oils against <i>Candida</i> strains isolated from urine samples. <b>2018</b> , 28, 355-360	17
295	Fabrication and Release Behavior of Microcapsules with Double-Layered Shell Containing Clove Oil for Antibacterial Applications. <b>2018</b> , 10, 15532-15541	21
294	Variation in Composition and Bioactivities of Essential Oil from Leaves of Two Different Cultivars of <i>Psidium guajava</i> L.. <b>2018</b> , 21, 65-76	2
293	DFT calculations, crystal structure, Hirshfeld surface analyses and antibacterial studies of a new tetrachlorocuprate salt: (C <sub>6</sub> H <sub>16</sub> N <sub>2</sub> O)[CuCl <sub>4</sub> ]. <b>2018</b> , 1166, 7-14	10
292	High Throughput Preparation of UV-Protective Polymers from Essential Oil Extracts via the Biginelli Reaction. <b>2018</b> , 140, 6865-6872	45
291	Yield and chemical composition of the essential oil of species of the Asteraceae family from Atlantic Forest, South of Brazil. <b>2018</b> , 30, 278-284	5
290	Chemical composition and in vitro antibacterial activity of <i>Artemisia ifranensis</i> J. Didier essential oil Growing Wild in Middle Moroccan Atlas. <b>2018</b> , 30, 142-151	3
289	Improving Storage Stability of Pistachio Oil Packaged in Different Containers by Using Rosemary ( <i>Rosmarinus officinalis</i> L.) and Peppermint ( <i>Mentha piperita</i> ) Essential Oils. <b>2018</b> , 120, 1700432	4
288	Assessing the fatty acid, essential oil composition, their radical scavenging and antibacterial activities of Raddi leaves and twigs. <b>2018</b> , 55, 1582-1590	11
287	Nanoencapsulation: An efficient technology to boost the antimicrobial potential of plant essential oils in food system. <b>2018</b> , 89, 1-11	178
286	Chemical Composition of Essential Oils from <i>Thymus vulgaris</i> , <i>Cymbopogon citratus</i> , and <i>Rosmarinus officinalis</i> , and Their Effects on the HIV-1 Tat Protein Function. <b>2018</b> , 15, e1700436	15
285	ZnAl layered double hydroxides impregnated with eucalyptus oil as efficient hybrid materials against multi-resistant bacteria. <b>2018</b> , 153, 61-69	21

284	Spring alterations in the chromatographic profile of leaf essential oils of improved guava genotypes in Brazil. <b>2018</b> , 238, 295-302		3
283	Thymol nanoemulsion exhibits potential antibacterial activity against bacterial pustule disease and growth promotory effect on soybean. <b>2018</b> , 8, 6650		58
282	Chemical composition, antioxidant activity and acetylcholinesterase inhibitory of wild Mentha species from northeastern Algeria. <b>2018</b> , 116, 131-139		23
281	Chemical and Biological Evolution of Essential Oil of Arum maculatum. <b>2018</b> , 42, 395-399		3
280	Chemical Compositions of Essential Oil of Gailonia aucheri from Iran and it's Antimicrobial and Antioxidant Activities and Total Phenol Content. <b>2018</b> , 42, 1125-1130		
279	Chemical profile and biological activities of Cedrelopsis grevei H. Baillon bark essential oil. <b>2018</b> , 152, 120-129		5
278	Essential oil extraction, chemical analysis and anti-Candida activity of Foeniculum vulgare Miller - new approaches. <b>2018</b> , 32, 1254-1259		26
277	Modeling phase separation and droplet size of W/O emulsions with oregano essential oil as a function of its formulation and homogenization conditions. <b>2018</b> , 39, 1065-1073		9
276	Antioxidant and antimicrobial properties of encapsulated guava leaf oil in hydroxypropyl-beta-cyclodextrin. <b>2018</b> , 111, 219-225		96
275	Cytoprotective Effects of the Red Marine Alga Chondrus canaliculatus Against Maneb-Induced Hematotoxicity and Bone Oxidative Damages in Adult Rats. <b>2018</b> , 184, 99-113		7
274	Antioxidant activity of rosemary essential oil fractions obtained by molecular distillation and their effect on oxidative stability of sunflower oil. <i>Food Chemistry</i> , <b>2018</b> , 242, 9-15	8.5	53
273	Eucalyptus globulus extract protects against UVB-induced photoaging by enhancing collagen synthesis via regulation of TGF- $\beta$ /Smad signals and attenuation of AP-1. <b>2018</b> , 637, 31-39		31
272	Repellency potential of essential oils against housefly, Musca domestica L. <b>2018</b> , 25, 4707-4714		17
271	Phytochemical profiles and bioactivities of essential oils extracted from seven Curcuma herbs. <b>2018</b> , 111, 298-305		18
270	Volatile and key odourant compounds of Turkish Berberis crataegina fruit using GC-MS-Olfactometry. <b>2018</b> , 32, 777-781		2
269	Antioxidant Activity of Several Essential Oils from Different Rosmarinus officinalis Cultivars Grown in Sanremo (Italy). <b>2018</b> , 13, 1934578X1801300		2
268	Comparative Analysis of Volatile Constituents of Pachira aquatica Aubl. and Pachira glabra Pasq., their Anti-Mycobacterial and Anti-Helicobacter pylori Activities and their Metabolic Discrimination using Chemometrics. <b>2018</b> , 21, 1550-1567		13
267	Chemical Composition and Antifungal and Antibacterial Activity of Mentha spicata L. Volatile Oil. <b>2018</b> , 45, 64-69		7



266	ANTIBACTERIAL ACTIVITY OF ANASTATICA HIEROCHUNTICA L. AGAINST SOME BACTERIAL STRAINS RESPONSIBLE FOR WOMEN'S URO-GENITAL INFECTION. <b>2018</b> , 11, 222		
265	Study of Chemical Composition, Antioxidant and Antimicrobial Activities of Oudneya africana Oils from Stems, Leaves, and Flowers. <b>2018</b> , 21, 1096-1106		0
264	Characterization of Active Edible Films based on Citral Essential Oil, Alginate and Pectin. <b>2018</b> , 11,		46
263	Effect of Zingiber officinale Roscoe essential oil in fungus control and deoxynivalenol production of Fusarium graminearum Schwabe in vitro. <b>2018</b> , 35, 2168-2174		22
262	Homalomena pineodora, a Novel Essential Oil Bearing Plant and Its Antimicrobial Activity Against Diabetic Wound Pathogens. <b>2018</b> , 21, 963-971		3
261	Essential Oils: Biological Activity Beyond Aromatherapy. <b>2018</b> , 24, 139		6
260	Chemical Composition and Biological Activities of Essential Oils of Species. <b>2018</b> , 10,		127
259	A novel strategy for evaluation of natural products acting on the myeloperoxidase/hypochlorous acid system by combining high-performance liquid chromatography-photodiode array detection-chemiluminescence and ultrafiltration-mass spectrometry techniques. <b>2018</b> , 41, 4222-4232		1
258	Encapsulation of Essential Oils by Cyclodextrins: Characterization and Evaluation. <b>2018</b> ,		1
257	Antioxidant Evaluation of Baccharis patens and Baccharis psiadioides Essential Oils. <b>2018</b> , 21, 485-492		4
256	Natural antioxidants in processing and storage stability of sheep and goat meat products. <b>2018</b> , 111, 379-390		80
255	Essential oils encapsulated in polymer-based nanocapsules as potential candidates for application in food preservation. <i>Food Chemistry</i> , <b>2018</b> , 269, 286-292	8.5	68
254	Antimicrobial and antioxidant bioautography activity of bark essential oil from Ocotea quixos (Lam.) kosterm.. <b>2018</b> , 31, 163-168		7
253	Cupressus sempervirens essential oils and their major compounds successfully control postharvest grey mould disease of tomato. <b>2018</b> , 123, 135-141		27
252	Chemical Analysis and Antioxidant Activity of Essential Oils of Two Morphotypes of Lippia alba (Mill.) N.E. Br. ex Britton & P. Wilson (Verbenaceae). <b>2018</b> , 21, 687-700		3
251	Traditional Uses, Pharmacological Efficacy, and Phytochemistry of (Forssk.) Fiori. -A Review. <b>2018</b> , 9, 465		29
250	Enhancement of total phenolic and flavonoids extraction from L using electromagnetic induction heating (EMIH) process. <b>2018</b> , 24, 889-897		8
249	Lipids, pH, and Their Interaction Affect the Inhibitory Effects of Carvacrol against Typhimurium PT4 and O157:H7. <b>2017</b> , 8, 2701		10



248	Effect of free and microencapsulated thyme essential oil on quality attributes of minimally processed lettuce. <b>2018</b> , 145, 125-133	31
247	Genetic diversity, essential oil composition, and in vitro antioxidant and antimicrobial activity of <i>Curcuma longa</i> L. germplasm collections. <b>2018</b> , 10, 75-84	13
246	Straw Wine Melanoidins as Potential Multifunctional Agents: Insight into Antioxidant, Antibacterial, and Angiotensin-I-Converting Enzyme Inhibition Effects. <b>2018</b> , 6,	9
245	Antifungal activity of nanoemulsions encapsulating oregano ( <i>Origanum vulgare</i> ) essential oil: in vitro study and application in Minas Padrão cheese. <b>2018</b> , 49, 929-935	64
244	Optimization of solvent-free microwave assisted extraction of essential oil from <i>Cinnamomum camphora</i> leaves. <b>2018</b> , 124, 353-362	59
243	Screening for inhibitory activity of essential oils on fungal tomato pathogen <i>Stemphylium solani</i> Weber. <b>2018</b> , 16, 364-372	16
242	Chemotype diversity of <i>Psidium guajava</i> L. <b>2018</b> , 153, 129-137	12
241	Volatiles profiling and bioactivities of <i>Cupressus</i> spp. leaf and cone essential oils as analyzed via chemometrics tools. <b>2019</b> , 31, 53-62	3
240	Essential oils as a source of bioactive molecules. <b>2019</b> , 48, 80-93	9
239	Inhibitory Activity of Plant Essential Oils against 1-Deoxy-d-xylulose-5-phosphate reductoisomerase. <b>2019</b> , 24,	3
238	Natural Terpenes as Building Blocks for Green Chemistry. <b>2019</b> , 171-195	0
237	Plant Based Green Chemistry 2.0 <b>2019</b> ,	3
236	Green technologies for food processing: Principal considerations. <b>2019</b> , 55-103	4
235	Antimicrobial Paper Coatings Containing Microencapsulated <i>Cymbopogon citratus</i> Oil. <b>2019</b> , 9, 470	9
234	Food Safety through Natural Antimicrobials. <b>2019</b> , 8,	62
233	Chemical Composition and Antioxidant Activity of Essential Oils from <i>Cupressus sempervirens</i> . var. <i>sempervirens</i> , <i>C. sempervirens</i> . cv. <i>Cereiformis</i> and <i>C. sempervirens</i> var. <i>horizontalis</i> . <b>2019</b> , 22, 917-931	3
232	Evaluation of Phytochemical Compositions and Biological Properties of <i>Achillea gypsicola</i> at Different Phenological Stages. <b>2019</b> , 16, e1900373	4
231	Isolation of diterpenoids from sugi wood-drying byproducts and their bioactivities. <b>2019</b> , 65,	5

230	Process intensification of lemon grass oil in a pilot plant. <b>2019</b> , 38, 376	1
229	Post fire litters are richer in water soluble carbon and lead to increased microbial activity. <b>2019</b> , 136, 101-105	6
228	Phytochemical Properties of <i>Satureja kitaibelii</i> , Potential Natural Antioxidants: a New Insight. <b>2019</b> , 74, 179-184	6
227	Chemical, Antioxidant, and Antimicrobial Evaluation of Essential Oils and an Anatomical Study of the Aerial Parts from <i>Baccharis</i> Species (Asteraceae). <b>2019</b> , 16, e1800547	7
226	GC-MS Chemical Characterization and In Vitro Evaluation of Antioxidant and Toxic Effects Using Model of the Essential Oil of ( <i>Spreng</i> ) Briq. <b>2019</b> , 55,	5
225	Chitosan nano-encapsulation improves the effects of mint, thyme, and cinnamon essential oils in broiler chickens. <b>2019</b> , 60, 530-538	20
224	Preponderance of Oxygenated Sesquiterpenes and Diterpenes in the Volatile Oil Constituents of <i>Lactuca serriola</i> L. Revealed Antioxidant and Allelopathic Activity. <b>2019</b> , 16, e1900278	23
223	Interspecific variation, antioxidant and allelopathic activity of the essential oil from three <i>Launaea</i> species growing naturally in heterogeneous habitats in Egypt. <b>2019</b> , 34, 316-328	34
222	Fire influences needle decomposition: Tipping point in <i>Pinus radiata</i> carbon chemistry and soil nitrogen transformations. <b>2019</b> , 135, 361-368	1
221	Inhibition of Autoxidation of Paprika Carotenoids by Plant Antioxidants. <b>2019</b> , 55, 182-188	1
220	. <b>2019</b> , 19, 8583-8589	5
219	Essential Oils from Seeds of <i>Aframomum citratum</i> (C. Pereira) K. Schum, <i>Aframomum daniellii</i> (Hook. F.) K. Schum, <i>Piper capense</i> (Lin. F) and <i>Monodora myristica</i> (Gaertn.) Dunal NL and their Antioxidant Capacity in a Cosmetic Cream. <b>2019</b> , 22, 324-334	3
218	Screening essential oils for their antimicrobial activities against the foodborne pathogenic bacteria and. <b>2019</b> , 5, e01860	37
217	Review on the chemical composition of <i>Litsea cubeba</i> essential oils and the bioactivity of its major constituents citral and limonene. <b>2019</b> , 31, 361-378	15
216	Research trends in food chemistry: A bibliometric review of its 40 years anniversary (1976-2016). <i>Food Chemistry</i> , <b>2019</b> , 294, 448-457	8.5 49
215	Chemical Composition and Biological Activity of Five Essential Oils from the Ecuadorian Amazon Rain Forest. <b>2019</b> , 24,	18
214	Production of dietary fibers from sugarcane bagasse and sugarcane tops using microwave-assisted alkaline treatments. <b>2019</b> , 135, 159-169	24
213	Essential oil of four medicinal plants and protective properties in plum fruits against the spoilage bacteria and fungi. <b>2019</b> , 133, 54-62	32

212	Antifungal activities of essential oils of cinnamon ( <i>Cinnamomum zeylanicum</i> ) and lemongrass ( <i>Cymbopogon citratus</i> ) on crown rot pathogens of banana. <b>2019</b> , 72, 131-137		5
211	Phytochemicals, antioxidant activity and hepatoprotective effect of ginger () on diethylnitrosamine toxicity in rats. <b>2019</b> , 24, 436-447		18
210	Chemical composition, antioxidant and antimicrobial activities of essential oils of different <i>Pinus</i> species from Kosovo. <b>2019</b> , 31, 263-275		10
209	Oxidative Stability, Affective and Descriptive Sensory Properties of Roasted Peanut Flavored with Oregano, Laurel, and Rosemary Essential Oils as Natural Preservatives of Food Lipids. <b>2019</b> , 121, 1800428		4
208	Nanoencapsulated plant-based bioactive formulation against food-borne molds and aflatoxin B contamination: Preparation, characterization and stability evaluation in the food system. <i>Food Chemistry</i> , <b>2019</b> , 287, 139-150	8.5	28
207	Rediscovering Medicinal Amazonian Aromatic Plants: (Piperaceae) Essential Oil as Paradigmatic Study. <b>2019</b> , 2019, 6194640		9
206	Fortification of Functional and Medicinal Beverages With Botanical Products and Their Analysis. <b>2019</b> , 351-404		1
205	Synthesis and physic-chemical properties of a novel chromate compound with potential biological applications, bis(2-phenylethylammonium) chromate(VI). <b>2019</b> , 1185, 168-182		25
204	Essential oils for preserving foods. <b>2019</b> , 369-390		
203	Chemical diversity in leaf and stem essential oils of <i>Origanum vulgare</i> L. and their effects on microbicidal activities. <b>2019</b> , 9, 176		26
202	Chemical composition, antioxidant and bioactivities of essential oils from <i>Melaleuca bracteata</i> leaves. <b>2019</b> , 56, 18-29		1
201	Evaluation of Various Biological Activities of Endemic <i>Sideritis libanotica</i> Extracts. <b>2019</b> , 11, 210-217		1
200	Double-bottom antimicrobial packaging for apple shelf-life extension. <i>Food Chemistry</i> , <b>2019</b> , 279, 379-388	5	31
199	Therapeutic potential of polysaccharide extracted from fenugreek seeds against thiamethoxam-induced hepatotoxicity and genotoxicity in Wistar adult rats. <b>2019</b> , 29, 355-367		6
198	GC-MS and HS-SPME-GC/MS-TOFMS Determination of the Volatile Composition of Essential Oils and Hydrosols (By-Products) from Four Species Cultivated in Tuscany. <b>2019</b> , 24,		13
197	Regional effect on essential oil composition and antimicrobial activity of <i>Thymus capitatus</i> L.. <b>2019</b> , 31, 129-137		17
196	Bioactive peptides from collagen hydrolysates from squid ( <i>Dosidicus gigas</i> ) by-products fractionated by ultrafiltration. <b>2019</b> , 54, 1054-1061		9
195	Polyphenols in Agricultural Byproducts and Food Waste. <b>2019</b> , 23-44		21

194	Chemical composition, antioxidant, antibacterial and cytotoxic activities of essential oil of <i>Leontopodium leontopodioides</i> (Willd.) Beauverd. <b>2019</b> , 33, 612-615	5
193	Composition of essential oil of lemon thyme ( <i>Thymus citriodorus</i> ) at different hydrodistillation times. <b>2019</b> , 33, 80-88	5
192	Spiced risotto: cooking processing and simulated in vitro digestion on curcuminoids, capsaicin and piperine. <b>2019</b> , 17, 256-267	2
191	Nematicidal activity of some essential plant oils from tropical West Africa. <b>2020</b> , 66, 131-141	15
190	Essential oils in vapor phase as alternative antimicrobials: A review. <b>2020</b> , 60, 1641-1650	48
189	Methanol soluble fraction of fruits of possesses significant antidiarrheal activities. <b>2020</b> , 6, e03112	6
188	The antioxidant 2,3-dichloro,5,8-dihydroxy,1,4-naphthoquinone inhibits acetyl-cholinesterase activity and amyloid aggregation: A dual target therapeutic candidate compound for the treatment of Alzheimer's disease. <b>2020</b> , 67, 983-990	2
187	Impact of Stability of Enriched Oil with Phenolic Extract from Olive Mill Wastewaters. <b>2020</b> , 9,	14
186	Correlation between chemical composition and radical scavenging activity of 10 commercial essential oils: Impact of microencapsulation on functional properties of essential oils. <b>2020</b> , 13, 6815-6827	9
185	Effect of diet supplemented with phytochemicals and protease enzyme on performance, serum biochemistry and muscle histomorphology in broilers. <b>2020</b> , 48, 326-330	6
184	A review for selecting medicinal plants commonly used for malaria in Uganda. <b>2020</b> , 14, 347-361	0
183	Chemometric Screening of Fourteen Essential Oils for Their Composition and Biological Properties. <b>2020</b> , 25,	6
182	An Off-Line DPPH-GC-MS Coupling Countercurrent Chromatography Method for Screening, Identification, and Separation of Antioxidant Compounds in Essential Oil. <b>2020</b> , 9,	3
181	Fabrication and characterization of chitosan nanoemulsions loading thymol or thyme essential oil for the preservation of refrigerated pork. <b>2020</b> , 162, 1509-1515	39
180	Safety assessment of propyl-propane-thiosulfonate (PTSO): 90-days oral subchronic toxicity study in rats. <b>2020</b> , 144, 111612	8
179	Microbial dynamics, metabolomic profiles, and the correlation between them during fermentation of serofluid dish. <b>2020</b> , 100, 5627-5636	2
178	Repellent activity of essential oils against culicids: A review. <b>2020</b> , 18, 100328	4
177	Dual-Functioning Antibacterial Eugenol-Derived Plasticizers for Polylactide. <b>2020</b> , 10,	4

176	. <b>2020</b> ,	2
175	Potential Applications of Polyphenols from Herbs and Spices in Dairy Products as Natural Antioxidants. <b>2020</b> , 283-299	2
174	The Plant Sesquiterpene Nootkatone Efficiently Reduces Parasitism by Activating Plant Defense. <b>2020</b> , 21,	6
173	Evaluation of Physico-Chemical Properties of Lemongrass ( <i>Cymbopogon citratus</i> L.) Essential Oil Grown in Tien Giang Province, Vietnam. <b>2020</b> , 32, 1248-1250	7
172	Lemon Grass Essential Oil Does not Modulate Cancer Cells Multidrug Resistance by Citral-Its Dominant and Strongly Antimicrobial Compound. <b>2020</b> , 9,	15
171	Essential oils of <i>Cinnamomum loureirii</i> and <i>Evolvulus alsinoides</i> protect guava fruits from spoilage bacteria, fungi and insect ( <i>Pseudococcus longispinus</i> ). <b>2020</b> , 154, 112629	13
170	EVALUATION OF ANTI-INFLAMMATORY, ANALGESIC, ANTIPYRETIC EFFECT OF EICOSANE, PENTADECANE, OCTACOSANE, AND HENEICOSANE. <b>2020</b> , 29-35	2
169	Polyphenol composition and biological activity of <i>Thymus citriodorus</i> and <i>Thymus vulgaris</i> : Comparison with endemic Iberian <i>Thymus</i> species. <i>Food Chemistry</i> , <b>2020</b> , 331, 127362	8.5 14
168	Synergistic antibacterial, antifungal and antioxidant efficacy of cinnamon and clove essential oils in combination. <b>2020</b> , 202, 1439-1448	32
167	The fingerprint of essential bio-oils by Fourier transform ion cyclotron resonance mass spectrometry. <b>2020</b> , 145, 3414-3423	
166	Phytochemical profiling, antioxidant and antimicrobial effectiveness of <i>Rosmarinus tournefortii</i> De Noe extracts issued from different regions of Algeria. <b>2020</b> , 32, 247-259	1
165	Effect of Different Drying Techniques on Dehydration Kinetics, Physical Properties, and Chemical Composition of Lemon Thyme. <b>2020</b> , 15, 1934578X2090452	5
164	Microbiological quality and safety of commercialized thalassotherapy products based on marine mud and algae extracts in Tunisia. <b>2020</b> , 202, 2437-2451	0
163	Determination of essential oil compositions and antimicrobial activity of <i>Achillea gypsicola</i> Hub.-Mor. at different plant parts and phenological stages. <b>2020</b> , 32, 331-347	3
162	Interaction of Methanol Extract and First-Line Antibiotics is Synergistic through Production of Reactive Oxygen Species. <b>2020</b> , 2020, 4087394	3
161	In vitro evaluation of antioxidant and antibacterial properties of supercritical CO <sub>2</sub> extracted essential oil from clove bud ( <i>Syzygium aromaticum</i> ). <b>2021</b> , 30, 387-391	7
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