Evaluation of larvicidal activity of a nanoemulsion of Rosmarinus officinalis essential oil

DOI: 10.1016/j.bjp.2015.02.010
Revista Brasileira De Farmacognosia, 2015, 25, 189-192.

#	Paper	IF	Citations
107	Nanoemulsion: preparation and its application in food industry. **2016**, 153-191		20
106	Development of a Larvicidal Nanoemulsion with Pterodon emarginatus Vogel Oil. **2016**, 11, e0145835		36
105	Pterodon emarginatus oleoresin-based nanoemulsion as a promising tool for Culex quinquefasciatus (Diptera: Culicidae) control. **2017**, 15, 2		22
104	Nanopharmaceuticals as a solution to neglected diseases: Is it possible?. **2017**, 170, 16-42		38
103	Insecticidal activity of polycaprolactone nanocapsules loaded with Rosmarinus officinalis essential oil in Tribolium castaneum (Herbst). **2017**, 47, 175-184		44
102	Development of nanoemulsion from Vitex negundo L. essential oil and their efficacy of antioxidant, antimicrobial and larvicidal activities (Aedes aegypti L.). **2017**, 24, 15125-15133		55
101	Natural herbicide activity of Satureja hortensis L. essential oil nanoemulsion on the seed germination and morphophysiological features of two important weed species. **2017**, 142, 423-430		84
100	Physical, antimicrobial and antibiofilm properties of Zataria multiflora Boiss essential oil nanoemulsion. **2017**, 52, 1645-1652		19
99	Utilization of dynamic light scattering to evaluate Pterodon emarginatus oleoresin-based nanoemulsion formation by non-heating and solvent-free method. *Revista Brasileira De Farmacognosia*, **2017**, 27, 401-406	2	14
98	Preparation and optimization nanoemulsion of Tarragon (Artemisia dracunculus) essential oil as effective herbal larvicide against Anopheles stephensi. **2017**, 109, 214-219		43
97	Antifungal activity of nano emulsions of neem and citronella oils against phytopathogenic fungi, Rhizoctonia solani and Sclerotium rolfsii. **2017**, 108, 379-387		72
96	Application of Salvia multicaulis essential oil-containing nanoemulsion against food-borne pathogens. **2017**, 19, 128-133		28
95	Essential oil from Pterodon emarginatus as a promising natural raw material for larvicidal nanoemulsions against a tropical disease vector. **2017**, 6, 1-9		20
94	Baccharis reticularia DC. and Limonene Nanoemulsions: Promising Larvicidal Agents for Aedes aegypti (Diptera: Culicidae) Control. **2017**, 22,		41
93	Evaluation of Stability and In Vitro Security of Nanoemulsions Containing Oil. **2017**, 2017, 2723418		23
92	Anti-inflammatory activity of nanoemulsions of essential oil from Rosmarinus officinalis L.: in vitro and in zebrafish studies. **2018**, 26, 1057-1080		29
91	Nanoemulsion of Dill essential oil as a green and potent larvicide against Anopheles stephensi. **2018**, 25, 6466-6473		28

90	Ingredients and Components of Nanoemulsions. **2018**, 63-82		4
89	Lippia gracilis Schauer essential oil nanoformulation prototype for the control of Thielaviopis paradoxa. **2018**, 117, 245-251		6
88	Anti-inflammatory and antialgic actions of a nanoemulsion of Rosmarinus officinalis L. essential oil and a molecular docking study of its major chemical constituents. **2018**, 26, 183-195		20
87	Formulation and characterization of garlic (Allium sativum L.) essential oil nanoemulsion and its acaricidal activity on eriophyid olive mites (Acari: Eriophyidae). **2018**, 25, 10526-10537		32
86	Opportunities to advance sustainable design of nano-enabled agriculture identified through a literature review. **2018**, 5, 11-26		45
85	Preparation and characterizations of essential oil and monoterpene nanoemulsions and acaricidal activity against two-spotted spider mite (Tetranychus urticae Koch). **2018**, 44, 330-340		12
84	Poiretia latifolia essential oil as a promising antifungal and anti-inflammatory agent: Chemical composition, biological screening, and development of a nanoemulsion formulation. **2018**, 126, 280-286		11
83	Rational Ligand Design To Improve Agrochemical Delivery Efficiency and Advance Agriculture Sustainability. **2018**, 6, 13599-13610		24
82	Formulation of nanoemulsion from leaves essential oil of Ocimum basilicum L. and its antibacterial, antioxidant and larvicidal activities (Culex quinquefasciatus). **2018**, 125, 475-485		52
81	Nanosuspension of quercetin: preparation, characterization and effects against Aedes aegypti larvae. *Revista Brasileira De Farmacognosia*, **2018**, 28, 618-625	2	13
80	A herbal oil in water nano-emulsion prepared through an ecofriendly approach affects two tropical disease vectors. *Revista Brasileira De Farmacognosia*, **2019**, 29, 778-784	2	9
79	Amylose Inclusion Complexes as Emulsifiers for Garlic and Asafoetida Essential Oils for Mosquito Control. **2019**, 10,		4
78	Green Micro- and Nanoemulsions for Managing Parasites, Vectors and Pests. **2019**, 9,		62
77	Rationale for developing novel mosquito larvicides based on isofuranodiene microemulsions. **2019**, 92, 909-921		41
76	Methods for nanoemulsion and nanoencapsulation of food bioactives. **2019**, 17, 1471-1483		14
75	A Green Nano-Synthesis to Explore the Plant Microbe Interactions. **2019**, 85-105		6
74	Nanoemulsions of Essential Oils: New Tool for Control of Vector-Borne Diseases and In Vitro Effects on Some Parasitic Agents. **2019**, 6,		38
73	Plant-based larvicidal agents: An overview from 2000 to 2018. **2019**, 199, 92-103		14

72	Origanum syriacum subsp. syriacum: From an ingredient of Lebanese manoushe to a source of effective and eco-friendly botanical insecticides. **2019**, 134, 26-32		29
71	Microemulsions for delivery of Apiaceae essential oils towards highly effective and eco-friendly mosquito larvicides?. **2019**, 129, 631-640		76
70	Nanoemulsion ingredients and components. **2019**, 17, 917-928		15
69	Essential oils in nanostructured systems: Challenges in preparation and analytical methods. **2019**, 195, 204-214		41
68	Promising insecticidal efficacy of the essential oils from the halophyte Echinophora spinosa (Apiaceae) growing in Corsica Island, France. **2020**, 27, 14454-14464		9
67	Ultrasound assisted formation of essential oil nanoemulsions: Emerging alternative for Culex pipiens pipiens Say (Diptera: Culicidae) and Plodia interpunctella Hübner (Lepidoptera: Pyralidae) management. **2020**, 61, 104832		23
66	Eco-friendly pesticide based on peppermint oil nanoemulsion: preparation, physicochemical properties, and its aphicidal activity against cotton aphid. **2020**, 27, 6667-6679		25
65	Nano-emulsification Enhances the Larvicidal Potential of the Essential Oil of Siparuna guianensis (Laurales: Siparunaceae) Against Aedes (Stegomyia) aegypti (Diptera: Culicidae). **2020**, 57, 788-796		9
64	Elicitation of Novel Trichogenic-Lipid Nanoemulsion Signaling Resistance Against Pearl Millet Downy Mildew Disease. **2019**, 10,		36
63	Developing a Highly Stable Essential Oil Nanoemulsion for Managing. **2020**, 10,		29
62	Mentha spicata essential oil nanoformulation and its larvicidal application against Culex pipiens and Musca domestica. **2020**, 157, 112944		13
61	Larvicide Activity on of Essential Oil Nanoemulsion from the Resin. **2020**, 25,		4
60	Plant Natural Products for the Control of : The Main Vector of Important Arboviruses. **2020**, 25,		24
59	Encapsulation of sea fennel (Crithmum maritimum) essential oil in nanoemulsion and SiO2 nanoparticles for treatment of the crop pest Spodoptera litura and the dengue vector Aedes aegypti. **2020**, 158, 113033		12
58	Synthesis and Technology of Nanoemulsion-Based Pesticide Formulation. **2020**, 10,		47
57	Nanoemulsion Loaded with Volatile Oil from Piper alatipetiolatum as an Alternative Agent in the Control of Aedes aegypti. *Revista Brasileira De Farmacognosia*, **2020**, 30, 667-677	2	3
56	Physicochemical Characteristics of Four Limonene-Based Nanoemulsions and Their Larvicidal Properties against Two Mosquito Species, and. **2020**, 11,		4
55	Properties and stability of nanoemulsions: How relevant is the type of surfactant?. **2020**, 58, 101772		8

54	Botanical insecticide-based nanosystems for the control of Aedes (Stegomyia) aegypti larvae. **2020**, 27, 28737-28748	3
53	Phyto-nanoemulsion: An emerging nano-insecticidal formulation. **2020**, 14, 100331	6
52	Development of an Environmentally Friendly Larvicidal Formulation Based on Essential Oil Compound Blend to Control Aedes aegypti Larvae: Correlations between Physicochemical Properties and Insecticidal Activity. **2020**,	8
51	An alternative to reduce the use of the synthetic insecticide against the maize weevil Sitophilus zeamais through the synergistic action of Pimenta racemosa and Citrus sinensis essential oils with chlorpyrifos. **2021**, 94, 409-421	9
50	Emulsions containing essential oils, their components or volatile semiochemicals as promising tools for insect pest and pathogen management. **2021**, 287, 102330	27
49	Nanoemulsions of essential oils to improve solubility, stability and permeability: a review. **2021**, 19, 1153-1171	21
48	Bioactivities of rose-scented geranium nanoemulsions against the larvae of Anopheles stephensi and their gut bacteria. **2021**, 16, e0246470	2
47	Developing a Essential Oil Nanoemulsion for the Eco-Friendly Management of and Larvae and Adults on Stored Wheat. **2021**, 26,	14
46	Acaricidal activity of Artemisia herba-alba and Melia azedarach oil nanoemulsion against Hyalomma dromedarii and their toxicity on Swiss albino mice. **2021**, 84, 241-262	2
45	A Low Energy Approach for the Preparation of Nano-Emulsions with a High Citral-Content Essential Oil. **2021**, 26,	0
44	Development of larvicide nanoemulsion from the essential oil of Aeollanthus suaveolens Mart. ex Spreng against Aedes aegypti, and its toxicity in non-target organism. **2021**, 14, 103148	5
43	Development of nano-emulsions based on Ayapana triplinervis essential oil for the control of Aedes aegypti larvae. **2021**, 16, e0254225	2
42	Chitosan nanoparticles containing Elettaria cardamomum and Cinnamomum zeylanicum essential oils; repellent and larvicidal effects against a malaria mosquito vector, and cytotoxic effects on a human skin normal cell line. **2021**, 75, 6545	4
41	Nanopesticides, Nanoherbicides, and Nanofertilizers: The Greener Aspects of Agrochemical Synthesis Using Nanotools and Nanoprocesses Toward Sustainable Agriculture. **2021**, 1663-1677	2
40	Nanotechnology as Effective Tool for Improved Crop Production under Changing Climatic Conditions. **2021**, 463-512	2
39	Development of eco-friendly nano-mosquitocides against arboviruses vectors. **2021**, 493-507	0
38	Nanopesticide: Future Application of Nanomaterials in Plant Protection. **2019**, 255-298	7
37	Nanoemulsions as Optimized Vehicles for Essential Oils. **2020**, 115-167	7

36	Nanoformulations as a modern form of biofungicide. **2020**, 18, 119-128	16
35	Optimization of the microemulsion formulation of curcuma oil and evaluation of its acaricidal efficacy against Tetranychus cinnabarinus (Boisduval) (Acari: Tetranychidae). **2020**, 23, 1014-1022	3
34	Development of nano-emulsions based on Ayapana triplinervis for the control of Aedes aegypti larvae.	3
33	Larvicidal Activity of Essential Oils Against Aedes aegypti (Diptera: Culicidae). **2020**, 26, 4092-4111	4
32	Nanoemulsion of Camphor (Eucalyptus globulus) Essential Oil, Formulation, Characterization and Insecticidal Activity against Wheat Weevil, Sitophilus granarius. **2017**, 9, 50-62	25
31	Synthesis and Testing of Eucalyptus globulus Oil-Based Nanoemulsion for Its Larvicidal Potential against Aedes aegypti. **2019**, 27, 433	3
30	Application of clove essential oil-loaded nanoemulsions in coating of chicken fillets. 1	0
29	Preparation and antibacterial performance of cinnamon essential oil nanoemulsion on milk foodborne pathogens.	2
28	Pequi□Based Nanoemulsion Highlights an Important Amazon Fruit (caryocar villosum (aubl.) pers.). **2016**, 4,	
27	The Effect of Efficient Bioactive Nano-Emulsion Formulation Based on Polylophium involucratum on Improving Quality Features of Green Tiger Pawn Fridge Storage. **2019**, In Press,	
26	Nanoemulsions for Antimicrobial and Anti-biofilm Applications. **2020**, 347-373	2
25	Nanopesticides, Nanoherbicides, and Nanofertilizers: The Greener Aspects of Agrochemical Synthesis Using Nanotools and Nanoprocesses Toward Sustainable Agriculture. **2021**, 1-15	
24	The effects of Rosmarinus officinalis L. essential oil and its nanoemulsion on dyslipidemic Wistar rats.. **2020**, 18, 126-135	1
23	Essential Oil of Rosmarinus officinalis Ecotypes and Their Major Compounds: Insecticidal and Histological Assessment Against Drosophila suzukii and Their Impact on a Nontarget Parasitoid. **2021**,	0
22	Biopesticides for management of arthropod pests and weeds. **2022**, 133-158	
21	Fumigant toxicity of essential oils against Sitophilus zeamais (Motschulsky) (Coleoptera: Curculionidae): a systematic review and meta-analysis. 1	2
20	Nanoemulsion and Its Application in Pesticide Formulation. **2022**, 401-424	
19	Preparation and Optimization of Peppermint (Mentha Pipertia) Essential Oil Nanoemulsion with Effective Herbal Larvicidal, Pupicidal, and Ovicidal Activity against Anopheles Stephensi.. **2021**,	

18	Rosmarinus officinalis as a natural insecticide: a review. 1-46	1
17	Influence of different surfactants on development of nanoemulsion containing fixed oil from an Amazon palm species. **2022**, 643, 128721	0
16	Repellent and toxic effects of Salvia rosmarinus oil against Liriomyza sativae.	0
15	Incorporation of essential oil from Vitex gardneriana (Lamiaceae) in microemulsions systems based on mineral and cottonseed oils increased its bioactivity against a coconut pest mite. **2022**, 183, 114963	0
14	Ultrasound-assisted nanoemulsion of Trachyspermum ammi essential oil and its constituent thymol on toxicity and biochemical aspect of Aedes aegypti.	1
13	When Scent Becomes a Weapon—Plant Essential Oils as Potent Bioinsecticides. **2022**, 14, 6847	2
12	Development and characterization of nanoemulsion containing essential oil of Piper betle as the active ingredient via low energy emulsification method. **2022**,	
11	Insecticidal effects of natural products in free and encapsulated forms: an overview. **2022**, 100007	1
10	Green nanoemulsion insecticides: Toxicity, safety, and applications. **2022**, 197-206	0
9	Nonionic green nanoemulsion nanoinsecticides/nanopesticides. **2022**, 105-122	0
8	Evaluation of larvicidal enhanced activity of sandalwood oil via nano-emulsion against Culex pipiens and Ades aegypti. **2022**, 29, 103455	1
7	Chemical composition and larvicidal activity against Aedes aegypti larvae from Hyptis suaveolens (L.) Poit essential oil. **2023**, 3, 100018	0
6	Larvicidal Effect of Hyptis suaveolens (L.) Poit. Essential Oil Nanoemulsion on Culex quinquefasciatus (Diptera: Culicidae). **2022**, 27, 8433	0
5	Grapefruit peel essential oil nanoemulsions: Preparation, characterization, stability and antifungal potential against Penicillium digitatum of Kinnow.	0
4	Green Nanobioinsecticide of a Brazilian endemic plant for the Aedes aegypti control. **2023**, 32, 100992	1
3	Neem-based products as potential eco-friendly mosquito control agents over conventional eco-toxic chemical pesticides-A review. **2023**, 240, 106858	1
2	Peruvian plant resources as potential natural controllers of adult Aedes aegypti. **2023**, 11, 119-131	0
1	Combating the vectors and management of vector-borne diseases with essential oil nanoemulsions. **2023**, 81-113	0