Wendel Paulo Silvestre

List of Publications by Year
in descending order

37	417	1040056 9	794594 19
papers	citations	h-index	g-index

38	38	38	537
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pervaporation in the separation of essential oil components: A review. Trends in Food Science and Technology, 2019, 93, 42-52.	15.1	69
2	Performance of rotary kiln reactor for the elephant grass pyrolysis. Bioresource Technology, 2016, 218, 153-160.	9.6	64
3	Fractionating of green mandarin (Citrus deliciosa Tenore) essential oil by vacuum fractional distillation. Journal of Food Engineering, 2016, 178, 90-94.	5.2	45
4	Use of Biochar Produced from Elephant Grass by Pyrolysis in a Screw Reactor as a Soil Amendment. Waste and Biomass Valorization, 2019, 10, 3089-3100.	3.4	37
5	Potential of chitosan-based membranes for the separation of essential oil components by target-organophilic pervaporation. Carbohydrate Polymers, 2020, 247, 116676.	10.2	28
6	Fractioning of orange (Citrus sinensis L.) essential oil using vacuum fractional distillation. Separation Science and Technology, 2017, 52, 1397-1403.	2.5	27
7	Fractionation of rosemary (Rosmarinus officinalis L.) essential oil using vacuum fractional distillation. Journal of Food Science and Technology, 2019, 56, 5422-5434.	2.8	25
8	Fodder radish seed cake pyrolysis for bio-oil production in a rotary kiln reactor. Chemical Engineering and Processing: Process Intensification, 2018, 124, 235-244.	3.6	16
9	Fodder radish (Raphanus sativus L.) seed cake as a feedstock for pyrolysis. Industrial Crops and Products, 2020, 154, 112689.	5.2	14
10	Fodder radish seed cake biochar for soil amendment. Environmental Science and Pollution Research, 2018, 25, 25143-25154.	5.3	10
11	Bioactivity of Schinus molle L. and Schinus terebinthifolia Raddi. Essential Oils on Anticarsia gemmatalis (HÃ¼bner 1818). Brazilian Archives of Biology and Technology, 0, 63, .	0.5	10
12	Raspberry production with different NPK dosages in South Brazil. Scientia Horticulturae, 2020, 261, 108984.	3.6	8
13	Effect of distillation methods on the leaf essential oil of some Citrus cultivars. Journal of Essential Oil Research, 2021, 33, 452-463.	2.7	8
14	Chemical composition and antifungal activity of the essential oils from native species of the â€˜Campos de Cima da Serraâ€™ region, South Brazil. Journal of Essential Oil Research, 2021, 33, 488-501.	2.7	7
15	Insecticidal activity of Cinnamomum camphora Ness and Eberm var. linaloolifera Fujita leaf essential oil and linalool against Anticarsia gemmatalis. Journal of Essential Oil Research, 2021, 33, 601-609.	2.7	7
16	Poejo (Cunila galioides Benth.) Production in Five Agroecological Regions of Rio Grande do Sul. Brazilian Archives of Biology and Technology, 0, 63, .	0.5	7
17	Chemical composition of petitgrain (leaf) essential oil of different Citrus rootstocks and scion cultivars. Journal of Essential Oil Research, 2020, 32, 394-406.	2.7	5
18	Non-isothermal kinetic study of fodder radish seed cake pyrolysis: performance of model-free and model-fitting methods. Brazilian Journal of Chemical Engineering, 2020, 37, 139-155.	1.3	5

#	Article	IF	Citations
19	Effect of the application of prohexadione-calcium on the growth of â€˜Packhamâ€™s Triumphâ€™ and â€˜Hosuiâ€™ pears (Pyrus communis L.). Research, Society and Development, 2021, 10, e3110816801.	0.1	5
20	In Vitro Antimicrobial Activity of Selected Essential Oils Against Endometritis-Causing Microorganisms in Mares. Journal of Equine Veterinary Science, 2022, 110, 103840.	0.9	5
21	Ultrafiltration and diafiltration modeling for improved whey protein purification. Separation Science and Technology, 0, , 1-10.	2.5	3
22	Insecticidal activity of Callistemon speciosus essential oil on Anticarsia gemmatalis and Spodoptera frugiperda. International Journal of Tropical Insect Science, 0, , 1.	1.0	2
23	Effect of Chitosan Addition in Whey-based Biodegradable Films. Brazilian Archives of Biology and Technology, 0, 63, .	0.5	2
24	Sorption of oils by a commercial non-woven polypropylene sorbent. Research, Society and Development, 2021, 10, e554101422671.	0.1	2
25	Bioprospecting of strawberry guava leaf essential oil in Caxias do Sul region, South Brazil. Pesquisa AgropecuÃ¡ria GaÃºcha, 2022, 28, 58-69.	0.2	2
26	Cinnamomum camphora var. linaloolifera essential oil on pest control: Its effect on Trialeurodes vaporariorum (Hemiptera: Aleyrodidae). Research, Society and Development, 2021, 10, e45710716216.	0.1	1
27	Insecticidal Activity of Lavandula dentata L. Essential Oil on Anticarsia gemmatalis (HÃ¼bner, 1818). Brazilian Archives of Biology and Technology, 0, 64, .	0.5	1
28	DormÃªncia e germinaÃ§Ã£o de sementes em Psidium cattleyanum Sabine (araÃ§Ã¡ vermelho e amarelo). , 2021, 5, 20-27.		1
29	Extraction of Citrus deliciosa Tenore petitgrain (leaf) essential oil by steam distillation under different operating pressures. Indian Chemical Engineer, 2023, 65, 260-270.	1.5	1
30	Different rootstocks, irrigation, and nutritional management on the quality parameters of Montenegrina mandarins (Citrus deliciosa Tenore) cultivated in Vale do CaÃ-region, South Brazil. Citrus Research & Technology, 2021, 42, e1065.	0.3	0
31	Qualitative tests for the determination of fraud in raw milk: evaluation of the influence of analytical parameters of the tests and the stability of the samples as a function of time and preservation form. Research, Society and Development, 2021, 10, e450101119860.	0.1	0
32	Effect of Ethephon Application on Fruit Quality at Harvest and Post-harvest Storage of Japanese Plum (Prunus salicina) cv. Fortune. Brazilian Archives of Biology and Technology, 0, 65, .	0.5	0
33	Ripening and fruit quality of â€˜Fortuneâ€™ plums treated by pre-harvest application of ripening stimulants. Research, Society and Development, 2021, 10, e115101724098.	0.1	0
34	Impacto do manejo do solo nas propriedades fÃsicas de um latossolo vermelho da regiÃ£o de â€˜Campos de Cima da Serraâ€™, Rio Grande do Sul. , 2021, 5, 28-35.		0
35	DormÃªncia e germinaÃ§Ã£o de sementes de Uvaia (Eugenia pyriformis Cambess). , 2021, 5, 51-56.		0
36	Evaluation of granulation and quality parameters of Monte Parnaso late navel orange from South Brazil. Revista Ceres, 2022, 69, 256-266.	0.4	0

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37	Effect of irrigation, planting position, and application of calcium silicate on garlic development in â€˜Serra GaÃºchaâ€™ region, South Brazil. Pesquisa AgropecuÃ¡ria GaÃºcha, 2022, 28, 139-155.	0.2	0