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List of Publications by Year
in descending order

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16 papers	290 citations	1040056 9 h-index	996975 15 g-index
16 all docs	16 docs citations	16 times ranked	265 citing authors

#	Article	IF	Citations
1	Eugenol-loaded LLDPE films with antioxidant activity by supercritical carbon dioxide impregnation. Journal of Supercritical Fluids, 2016, 111, 28-35.	3.2	87
2	Supercritical CO2 iof LDPE films with terpene ketones as biopesticides against corn weevil (Sitophilus) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.2	36
3	Supercritical CO2-assisted impregnation of LDPE/sepiolite nanocomposite films with insecticidal terpene ketones: Impregnation yield, crystallinity and mechanical properties assessment. Journal of Supercritical Fluids, 2017, 130, 337-346.	3.2	23
4	An insecticide formulation of terpene ketones against Sitophilus zeamais and its incorporation into low density polyethylene films. Crop Protection, 2017, 98, 33-39.	2.1	22
5	Carvone-loaded LDPE films for active packaging: Effect of supercritical CO2-assisted impregnation on loading, mechanical and transport properties of the films. Journal of Supercritical Fluids, 2018, 133, 278-290.	3.2	22
6	Supercritical CO2-assisted dyeing and functionalization of polymeric materials: A review of recent advances (2015â€“2020). Journal of CO2 Utilization, 2021, 54, 101760.	6.8	21
7	Supercritical carbon dioxide assisted impregnation of eugenol into polyamide fibers for application as a dental floss. Journal of CO2 Utilization, 2019, 32, 259-268.	6.8	18
8	Effect of hydrolysed sunflower lecithin on the heat-induced coagulation of recombined concentrated milk emulsions. International Dairy Journal, 2014, 38, 187-194.	3.0	15
9	Mass transfer kinetics of CO2 and eugenol in the supercritical impregnation of polyamide fibers: Experimental data and modeling. Journal of Supercritical Fluids, 2020, 166, 105030.	3.2	14
10	Supercritical CO2-assisted impregnation of polylactic acid films with R-carvone: Effect of processing on loading, mass transfer kinetics, and final properties. Journal of CO2 Utilization, 2022, 61, 102029.	6.8	8
11	Mass transfer kinetics and diffusion coefficient estimation of bioinsecticide terpene ketones in LDPE films obtained by supercritical CO₂â€assisted impregnation. Journal of Applied Polymer Science, 2017, 134, 45558.	2.6	6
12	Active LDPE films loaded with biopesticides by supercritical CO2-assisted impregnation for stored grain protection. Food Packaging and Shelf Life, 2018, 18, 80-86.	7.5	6
13	Solvent-free enzymatic hydrolysis of non-polar lipids in crude sunflower lecithin using phospholipase A1 (LecitaseÂ® Ultra). Biocatalysis and Biotransformation, 2018, 36, 341-351.	2.0	5
14	Supercritical CO2-assisted impregnation of cellulose microparticles with R-carvone: Effect of process variables on impregnation yield. Journal of Supercritical Fluids, 2022, , 105671.	3.2	3
15	Screening of the Supercritical Impregnation of Olea europaea Leaves Extract into Filaments of Thermoplastic Polyurethane (TPU) and Polylactic Acid (PLA) Intended for Biomedical Applications. Antioxidants, 2022, 11, 1170.	5.1	3
16	Development of Bioactive Paper by Capsaicin Derivative Grafting Onto Cellulose. , 2018, , 199-233.		1