# Costas Tsioptsias

List of Publications by Year
in descending order



| 31 | 993 | 430442 | 433756 |
|---|---|---|---|
| papers | citations | 18 h-index | 31 g-index |

| 31 | 31 | 31 | 1402 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Thermo-chemical transition in cellulose esters and other polymers. Thermochimica Acta, 2022, 707, 179106. | 1.2 | 15 |
| 2 | Experimental Investigation of Polypropylene Composite Drawn Fibers with Talc, Wollastonite, Attapulgite and Single-Wall Carbon Nanotubes. Polymers, 2022, 14, 260. | 2.0 | 13 |
| 3 | Optimization of Thermal and Mechanical Properties of Polypropylene-Wollastonite Composite Drawn Fibers Based on Surface Response Analysis. Polymers, 2022, 14, 924. | 2.0 | 7 |
| 4 | Surface Response Analysis for the Optimization of Mechanical and Thermal Properties of Polypropylene Composite Drawn Fibers with Talc and Carbon Nanotubes. Polymers, 2022, 14, 1329. | 2.0 | 3 |
| 5 | On polymer-polymer miscibility and cellulose ester blends: A case study. Thermochimica Acta, 2022, 714, 179265. | 1.2 | 3 |
| 6 | Polypropylene nanocomposite fibers: A review of current trends and new developments. Journal of Plastic Film and Sheeting, 2021, 37, 283-311. | 1.3 | 25 |
| 7 | Glass chemical transition: An unknown thermal transition observed in cellulose acetate butyrate. Carbohydrate Polymers, 2021, 259, 117754. | 5.1 | 17 |
| 8 | Cr(VI) Leached from Lignite Fly Ashâ€"Assessment of Groundwater Contamination Risk. Water, Air, and Soil Pollution, 2020, 231, 1. | 1.1 | 9 |
| 9 | Mechanism of SMP aggregation within the pores of hydrophilic and hydrophobic MBR membranes and aggregates detachment. Separation and Purification Technology, 2018, 202, 119-129. | 3.9 | 41 |
| 10 | Microalgae-activated sludge treatment of molasses wastewater in sequencing batch photo-bioreactor. Environmental Technology (United Kingdom), 2017, 38, 1120-1126. | 1.2 | 8 |
| 11 | Biodegradation and decolorization of melanoidin solutions by manganese peroxidase yeasts. Water Science and Technology, 2016, 73, 2436-2445. | 1.2 | 14 |
| 12 | Enhancement of the performance of a combined microalgae-activated sludge system for the treatment of high strength molasses wastewater. Journal of Environmental Management, 2016, 183, 126-132. | 3.8 | 28 |
| 13 | Experimental study of degradation of molasses wastewater by biological treatment combined with ozonation. Journal of Chemical Technology and Biotechnology, 2016, 91, 857-864. | 1.6 | 9 |
| 14 | Post-treatment of molasses wastewater by electrocoagulation and process optimization through response surface analysis. Journal of Environmental Management, 2015, 164, 104-113. | 3.8 | 49 |
| 15 | Flame-retarded hydrophobic cellulose through impregnation with aqueous solutions and supercritical CO2. Journal of Thermal Analysis and Calorimetry, 2013, 111, 475-482. | 2.0 | 16 |
| 16 | A novel approach for textile cleaning based on supercritical CO2 and Pickering emulsions. Journal of Supercritical Fluids, 2013, 76, 83-93. | 1.6 | 30 |
| 17 | Isolation, characterization and emulsion stabilizing properties of polysaccharides form orchid roots (salep). Food Hydrocolloids, 2012, 28, 68-74. | 5.6 | 29 |
| 18 | Selective extraction of oxygenated compounds from oregano with subâ€critical water. Journal of the Science of Food and Agriculture, 2012, 92, 814-820. | 1.7 | 5 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Superhydrophobic surfaces from hydrophobic or hydrophilic polymers via nanophase separation or electrospinning/electrospraying. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2011, 387, 71-78. | 2.3 | 46 |
| 20 | Contribution of okra extracts to the stability and rheology of oil-in-water emulsions. Food Hydrocolloids, 2011, 25, 991-999. | 5.6 | 69 |
| 21 | Thermal stability and hydrophobicity enhancement of wood through impregnation with aqueous solutions and supercritical carbon dioxide. Journal of Materials Science, 2011, 46, 5406-5411. | 1.7 | 29 |
| 22 | Simultaneous determination of sorption, heat of sorption, diffusion coefficient and glass transition depression in polymerâ€“CO2 systems. Thermochimica Acta, 2011, 521, 98-106. | 1.2 | 29 |
| 23 | Polymeric hydrogels and supercritical fluids: The mechanism of hydrogel foaming. Polymer, 2011, 52, 2819-2826. | 1.8 | 38 |
| 24 | Ultra-small angle neutron scattering and X-ray tomography studies of caseinateâ€“hydroxyapatite microporous materials. Materials Chemistry and Physics, 2010, 123, 77-82. | 2.0 | 4 |
| 25 | Preparation and characterization of cellulose acetateâ€“Fe2O3 composite nanofibrous materials. Carbohydrate Polymers, 2010, 81, 925-930. | 5.1 | 47 |
| 26 | Equation-of-state modeling of mixtures with ionic liquids. Physical Chemistry Chemical Physics, 2010, 12, 4843. | 1.3 | 38 |
| 27 | A novel method for producing tissue engineering scaffolds from chitin, chitinâ€“hydroxyapatite, and cellulose. Materials Science and Engineering C, 2009, 29, 159-164. | 3.8 | 41 |
| 28 | Chitin and carbon aerogels from chitin alcogels. Carbohydrate Polymers, 2009, 76, 535-540. | 5.1 | 67 |
| 29 | Foaming of chitin hydrogels processed by supercritical carbon dioxide. Journal of Supercritical Fluids, 2008, 47, 302-308. | 1.6 | 41 |
| 30 | Preparation of cellulose-nanohydroxyapatite composite scaffolds from ionic liquid solutions. Carbohydrate Polymers, 2008, 74, 99-105. | 5.1 | 70 |
| 31 | Development of micro- and nano-porous composite materials by processing cellulose with ionic liquids and supercritical CO2. Green Chemistry, 2008, 10, 965. | 4.6 | 153 |