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Optimization of ultrasonic extraction of polysaccharides from dried longan pulp using response surface methodology

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| 225 | Optimization of crude polysaccharides extraction from <i>Hizikia fusiformis</i> using response surface methodology. <i>Carbohydrate Polymers</i> , 2010 , 82, 106-110 | 10.3 | 67 |
| 224 | Evaluation of radicals scavenging, immunity-modulatory and antitumor activities of longan polysaccharides with ultrasonic extraction on in S180 tumor mice models. <i>International Journal of Biological Macromolecules</i> , 2010 , 47, 356-60 | 7.9 | 66 |
| 223 | Extraction and pharmacological properties of bioactive compounds from longan (<i>Dimocarpus longan</i> Lour.) fruit [A review]. 2011 , 44, 1837-1842 | | 108 |
| 222 | Optimization of ultrasonic extraction of <i>Flammulina velutipes</i> polysaccharides and evaluation of its acetylcholinesterase inhibitory activity. 2011 , 44, 1269-1275 | | 55 |
| 221 | Optimization of polysaccharides extraction from <i>Tetrastigma hemsleyanum</i> Diels et Gilg using response surface methodology. <i>International Journal of Biological Macromolecules</i> , 2011 , 49, 958-62 | 7.9 | 52 |
| 220 | Extraction of inulin from Burdock root (<i>Arctium lappa</i>) using high intensity ultrasound. 2011 , 46, 1699-1704 | | 46 |
| 219 | Scale up of dextran production from a mutant of <i>Pediococcus pentosaceus</i> (SPAm) using optimized medium in a bioreactor. 2011 , 54, 1125-1134 | | 4 |
| 218 | Optimized extraction of polysaccharides from corn silk by pulsed electric field and response surface quadratic design. 2011 , 91, 2201-9 | | 34 |
| 217 | Ultrasonic-assisted extraction optimized by response surface methodology, chemical composition and antioxidant activity of polysaccharides from <i>Tremella mesenterica</i> . <i>Carbohydrate Polymers</i> , 2011 , 83, 217-224 | 10.3 | 111 |
| 216 | Optimum extraction of acidic polysaccharides from the stems of <i>Ephedra sinica</i> Stapf by BoxBehnken statistical design and its anti-complement activity. <i>Carbohydrate Polymers</i> , 2011 , 84, 282-291 | 10.3 | 21 |
| 215 | Response surface methodology for optimization of the ultrasonic extraction of polysaccharides from <i>Codonopsis pilosula</i> Nannf.var.modesta L.T.Shen. <i>Carbohydrate Polymers</i> , 2011 , 84, 503-508 | 10.3 | 52 |
| 214 | Optimization of extraction process of crude polysaccharides from <i>Plantago asiatica</i> L. by response surface methodology. <i>Carbohydrate Polymers</i> , 2011 , 84, 495-502 | 10.3 | 96 |
| 213 | Optimisation of extraction conditions for polysaccharides from the roots of <i>Isatis tinctoria</i> L. by response surface methodology and their in vitro free radicals scavenging activities and effects on IL-4 and IFN- γ mRNA expression in chicken lymphocytes. <i>Carbohydrate Polymers</i> , 2011 , 86, 1320-1326 | 10.3 | 39 |
| 212 | Optimization of enzyme assisted extraction of polysaccharides from <i>Tricholoma matsutake</i> by response surface methodology. <i>Carbohydrate Polymers</i> , 2011 , 86, 1358-1364 | 10.3 | 155 |
| 211 | BOX-BEHNKEN DESIGN FOR OPTIMIZING EXTRACTION OF LUTEOLIN FROM CELERY LEAVES. 2011 , 34, 1036-1049 | | 11 |
| 210 | Optimization of Ultrasonic-Assisted Extraction of Flavonols and Anthocyanins from Blueberry Using RSM. 2012 , 468-471, 2423-2430 | | 5 |
| 209 | Functional and preliminary characterisation of hydrocolloid from tamarillo (<i>Solanum betaceum</i> Cav.) puree. <i>Molecules</i> , 2012 , 17, 6869-85 | 4.8 | 21 |

| | | | |
|-----|--|------|-----|
| 208 | Process Optimization of Extraction and Separation of Water-soluble Crude Polysaccharide in Sweet Corn Cob. 2012 , 18, 631-637 | | 4 |
| 207 | Optimization of ultrasound-assisted extraction process of perilla seed meal proteins. 2012 , 21, 1701-1706 | | 36 |
| 206 | Introducing covalent and ionic cross-linking into cotton through polycarboxylic acids and nano TiO ₂ . <i>Journal of the Textile Institute</i> , 2012 , 103, 985-996 | 1.5 | 12 |
| 205 | Optimization of focused ultrasonic extraction of propellant components determined by gas chromatography/mass spectrometry. 2012 , 99, 316-22 | | 7 |
| 204 | Functional properties of pasteurized samples of Aloe barbadensis Miller: Optimization using response surface methodology. 2012 , 47, 225-232 | | 29 |
| 203 | Extraction of polysaccharides from herbal Scutellaria barbata D. Don (Ban-Zhi-Lian) and their antioxidant activity. <i>Carbohydrate Polymers</i> , 2012 , 89, 1131-7 | 10.3 | 58 |
| 202 | Optimization and orthogonal design of an ultrasonic-assisted aqueous extraction process for extracting chlorogenic acid from dry tobacco leaves. 2012 , 10, 311-320 | | 3 |
| 201 | Ultrasonic-assisted extraction of polysaccharides from Hohenbuehelia serotina by response surface methodology. <i>International Journal of Biological Macromolecules</i> , 2012 , 51, 523-30 | 7.9 | 48 |
| 200 | Extraction and radicals scavenging activity of polysaccharides with microwave extraction from mung bean hulls. <i>International Journal of Biological Macromolecules</i> , 2012 , 51, 612-7 | 7.9 | 45 |
| 199 | Optimization of enzymatic hydrolysis of waste cotton fibers for nanoparticles production using response surface methodology. 2012 , 13, 313-321 | | 32 |
| 198 | Extraction optimisation and antioxidant activities in vitro of polysaccharides from Allium macrostemon Bunge. 2012 , 47, 723-730 | | 11 |
| 197 | Optimization of ultrasonic-assisted extraction of water-soluble polysaccharides from Boletus edulis mycelia using response surface methodology. <i>Carbohydrate Polymers</i> , 2012 , 87, 614-619 | 10.3 | 120 |
| 196 | Microbial exopolysaccharides: Main examples of synthesis, excretion, genetics and extraction. <i>Carbohydrate Polymers</i> , 2012 , 87, 951-962 | 10.3 | 337 |
| 195 | Ultrasonic-assisted extraction and antioxidant activity of polysaccharides recovered from white button mushroom (<i>Agaricus bisporus</i>). <i>Carbohydrate Polymers</i> , 2012 , 88, 522-529 | 10.3 | 131 |
| 194 | Ultrasonic-assisted extraction, antimicrobial and antioxidant activities of Cyclocarya paliurus (Batal.) Iljinskaja polysaccharides. <i>Carbohydrate Polymers</i> , 2012 , 89, 177-84 | 10.3 | 169 |
| 193 | Response surface optimization of ultrasonic-assisted extraction of carotenoids from oil palm (Jacq.) fronds. 2013 , 1, 209-221 | | 19 |
| 192 | Anti-oxidant activity of polysaccharides extracted from Isocrysis galbana using RSM optimized conditions. <i>International Journal of Biological Macromolecules</i> , 2013 , 60, 100-8 | 7.9 | 49 |
| 191 | Ultrasound assisted extraction of carbohydrates from microalgae as feedstock for yeast fermentation. 2013 , 128, 337-44 | | 94 |

| | | | |
|-----|---|------|----|
| 190 | Optimization of ultrasonic extraction of polysaccharides from Ziziphus jujuba Mill. by response surface methodology. 2013 , 7, 160 | | 27 |
| 189 | Optimization of Ultrasound-Assisted Extraction of Single Cell Oil from Mortierella isabellina. 2013 , 48, 2188-2195 | | 6 |
| 188 | Extraction of Astaxanthin from Shrimp Waste using Response Surface Methodology and a New Hybrid Organic-Inorganic Monolith. 2013 , 48, 1510-1517 | | 8 |
| 187 | Optimization of enzymatic hydrolysis of wool fibers for nanoparticles production using response surface methodology. 2013 , 24, 416-426 | | 43 |
| 186 | Extraction of crude polysaccharides from Gomphidius rutilus and their antioxidant activities in vitro. <i>Carbohydrate Polymers</i> , 2013 , 94, 479-86 | 10.3 | 30 |
| 185 | Influence of operating conditions on extracellular polymeric substances and surface properties of sludge flocs. <i>Carbohydrate Polymers</i> , 2013 , 92, 510-5 | 10.3 | 28 |
| 184 | Structural characteristics and antioxidant activities of polysaccharides from longan seed. <i>Carbohydrate Polymers</i> , 2013 , 92, 758-64 | 10.3 | 30 |
| 183 | Optimization of extraction process of crude polysaccharides from Pomegranate peel by response surface methodology. <i>Carbohydrate Polymers</i> , 2013 , 92, 1197-202 | 10.3 | 80 |
| 182 | An investigation on keratin extraction from wool and feather waste by enzymatic hydrolysis. 2013 , 43, 624-48 | | 81 |
| 181 | Optimization of preparation conditions of soy flour adhesive for plywood by response surface methodology. 2013 , 51, 267-273 | | 27 |
| 180 | Optimization of Ultrasonic Extraction of Total Flavonoids from Litchi (Litchi chinensis Sonn.) Seed by Response Surface Methodology. 2013 , 634-638, 1495-1501 | | 1 |
| 179 | Optimization of Extraction Condition for Alisol B and Alisol B Acetate in Alismatis Rhizoma using Response Surface Methodology. 2013 , 36, 513-524 | | 8 |
| 178 | An Improved Ultrasound-Assisted Alkali Extraction Process of Perilla Seed Meal Polysaccharide. 2013 , 48, 2771-2778 | | 3 |
| 177 | BTCA/Nano TiO ₂ Synergism on Cotton: Enhanced Antibacterial Features Optimized by Statistical Models. 2013 , 8, 155892501300800 | | |
| 176 | Medium Optimization of Fermentation for Enhanced Dextran Production from Weissella confusa Cab3 by Statistical Methods. 2013 , 2, 39-46 | | 5 |
| 175 | Artificial Neural Network Modeling of Ultrasound-Assisted Polysaccharides Extraction from Potentilla anserina and Anti-Platelet Aggregation Activity. 2014 , 618, 367-375 | | 1 |
| 174 | OPTIMIZATION OF EXTRACTION TECHNOLOGY OF GENTIOPIICOSIDE FROM GENTIANA STRAMINEA MAXIM USING RESPONSE SURFACE METHODOLOGY ON ACCOUNT OF HPLC. 2014 , 37, 1940-1952 | | 0 |
| 173 | Optimization of simultaneous ultrasonic-assisted extraction of water-soluble and fat-soluble characteristic constituents from Forsythiae Fructus Using response surface methodology and high-performance liquid chromatography. 2014 , 10, 292-303 | | 7 |

| | | | |
|-----|--|------|----|
| 172 | Fraction and chemical analysis of antioxidant active polysaccharide isolated from flue-cured tobacco leaves. 2014 , 10, 66-9 | | 6 |
| 171 | Optimization of Soluble Dietary Fiber Extraction from Defatted Rice Bran Using Response Surface Methodology. 2014 , 38, 441-448 | | 9 |
| 170 | Optimization of Ethanol-Ultrasound-Assisted Destabilization of a Cream Recovered from Enzymatic Extraction of Soybean Oil. 2014 , 91, 159-168 | | 12 |
| 169 | Optimization of Ultrasonic-Assisted Extraction of Active Compounds from the Fruit of Star Anise by Using Response Surface Methodology. 2014 , 7, 1661-1670 | | 7 |
| 168 | Optimization of polysaccharides from Zagros oak leaf using RSM: antioxidant and antimicrobial activities. <i>Carbohydrate Polymers</i> , 2014 , 106, 238-46 | 10.3 | 53 |
| 167 | Extraction, purification, and antioxidant activities of polysaccharides from <i>Tricholoma mongolicum</i> Imai. <i>Carbohydrate Polymers</i> , 2014 , 99, 1-10 | 10.3 | 67 |
| 166 | Bio-guided optimization of the ultrasound-assisted extraction of compounds from <i>Annona glabra</i> L. leaves using the etiolated wheat coleoptile bioassay. 2014 , 21, 1578-84 | | 19 |
| 165 | Antioxidant activity of polysaccharide extracted from <i>Pleurotus eryngii</i> using response surface methodology. <i>International Journal of Biological Macromolecules</i> , 2014 , 65, 28-32 | 7.9 | 28 |
| 164 | Optimum extraction of polysaccharides from motherwort leaf and its antioxidant and antimicrobial activities. <i>Carbohydrate Polymers</i> , 2014 , 112, 396-403 | 10.3 | 41 |
| 163 | Characterization, antioxidant and antitumor activities of polysaccharides from <i>Salvia miltiorrhiza</i> Bunge. <i>International Journal of Biological Macromolecules</i> , 2014 , 70, 92-9 | 7.9 | 41 |
| 162 | Extraction, antioxidant and antilisterial activities of polysaccharides from the flower of viper bugloss. <i>International Journal of Biological Macromolecules</i> , 2014 , 69, 523-31 | 7.9 | 13 |
| 161 | Optimization of polysaccharides extraction from seeds of <i>Pharbitis nil</i> and its anti-oxidant activity. <i>Carbohydrate Polymers</i> , 2014 , 102, 460-6 | 10.3 | 36 |
| 160 | Optimization of ultrasonic-assisted extraction and in vitro antioxidant activities of polysaccharides from <i>Trametes orientalis</i> . <i>Carbohydrate Polymers</i> , 2014 , 111, 315-23 | 10.3 | 74 |
| 159 | Optimization of Ultrasound-Assisted Extraction of Artemisinin from <i>Artemisia annua</i> L. by Response Surface Methodology. 2014 , 49, 673-681 | | 12 |
| 158 | Optimization of polysaccharides extraction from <i>Trametes robiniophila</i> and its antioxidant activities. <i>Carbohydrate Polymers</i> , 2014 , 111, 324-32 | 10.3 | 55 |
| 157 | Process analysis and optimization for failure energy of spot welded titanium alloy. 2014 , 60, 479-489 | | 19 |
| 156 | Activation of reconstructed Mg/Al hydrotalcites in the transesterification of microalgae oil. 2014 , 91-92, 16-24 | | 37 |
| 155 | Optimization of Microwave-Assisted Extraction of Water-Soluble Polysaccharides from Piteguo Fruit by Response Surface Methodology. 2014 , 20, 755-764 | | 1 |

| | | | |
|-----|--|-----|----|
| 154 | Comparison of compounds of three <i>Rubus</i> species and their antioxidant activity. 2015 , 9, 391-6 | | 5 |
| 153 | Microanalysis, Pharmacokinetics and Tissue Distribution of Polysaccharide-Protein Complexes from Longan Pulp in Mice. 2015 , 16, 24403-16 | | 10 |
| 152 | Effect of Enzymatic Pretreatment on the Preparation and Properties of Soy-Based Adhesive for Plywood. 2015 , 10, | | 3 |
| 151 | Optimization of Gentsides Extraction from <i>Gentiana rigescens</i> Franch. ex Hemsl. by Response Surface Methodology. 2015 , 2015, 819067 | | 4 |
| 150 | Optimization of Ultrasonic-Assisted Extraction of Daurisoline and Dauricine from <i>Menisperm</i> Rhizoma by Response Surface Methodology. 2015 , 38, 1561-1570 | | 2 |
| 149 | Water soluble polysaccharides from <i>Spirulina platensis</i> : extraction and in vitro anti-cancer activity. <i>International Journal of Biological Macromolecules</i> , 2015 , 74, 498-506 | 7.9 | 75 |
| 148 | Clarification of pomegranate juice with chitosan: changes on quality characteristics during storage. 2015 , 180, 211-218 | | 33 |
| 147 | Enzyme-assisted extraction of anticoagulant polysaccharide from <i>Liparis tessellatus</i> eggs. <i>International Journal of Biological Macromolecules</i> , 2015 , 74, 601-7 | 7.9 | 7 |
| 146 | Optimization of culture conditions for the production of antimicrobial substances by probiotic <i>Lactobacillus paracasei</i> subsp. <i>Tolerans</i> FX-6. 2015 , 18, 244-253 | | 14 |
| 145 | Rheological properties of the polysaccharide-protein complex from longan (<i>Dimocarpus longan</i> Lour.) pulp. 2015 , 5, 58663-58668 | | 2 |
| 144 | Antioxidant and antimicrobial properties of water soluble polysaccharide extracted from carrot peels by-products. 2015 , 52, 6953-6965 | | 19 |
| 143 | Optimization of the catalytic hydrogenation of terebinth by a Ni-based catalyst. 2015 , 5, 3340-3351 | | 11 |
| 142 | Effect of glycosylation with xylose on the mechanical properties and water solubility of peanut protein films. 2015 , 52, 6242-53 | | 8 |
| 141 | Ultrasonic-Assisted Extraction and Chromatography Separation of Polysaccharides from the Base of <i>Flammulina velutipes</i> Stipe. 2015 , 50, 824-832 | | 8 |
| 140 | Modeling and Optimization of Ultrasound-Assisted Extraction of Polysaccharide from the Roots of <i>Althaea officinalis</i> . 2015 , 39, 2107-2118 | | 9 |
| 139 | Optimization of chemical fungicide combinations targeting the maize fungal pathogen, <i>Bipolaris maydis</i> : a systematic quantitative approach. 2015 , 62, 80-7 | | 13 |
| 138 | Extraction, purification, characterization and antioxidant activity of polysaccharides from Piteguo fruit. 2015 , 77, 467-475 | | 30 |
| 137 | Antioxidant activity and optimization of extraction of polysaccharide from the roots of <i>Dipsacus asperoides</i> . <i>International Journal of Biological Macromolecules</i> , 2015 , 81, 332-9 | 7.9 | 29 |

| | | | |
|-----|--|------|-----|
| 136 | Deep Eutectic Solvents Modified Molecular Imprinted Polymers for Optimized Purification of Chlorogenic Acid from Honeysuckle. 2016 , 54, 271-9 | | 29 |
| 135 | Choline chloride-based deep eutectic solvents as additives for optimizing chromatographic behavior of caffeic acid. 2015 , 32, 2103-2108 | | 24 |
| 134 | Ultrasonic intensification as a tool for enhanced microbial biofuel yields. 2015 , 8, 140 | | 42 |
| 133 | Evaluation of the effect of ultrasonic variables at locally ultrasonic field on yield of hesperidin from pengan (<i>Citrus reticulata</i>) peels. 2015 , 60, 1088-1094 | | 5 |
| 132 | Ultrasonic extraction and structural identification of polysaccharides from <i>Prunella vulgaris</i> and its antioxidant and antiproliferative activities. 2015 , 240, 49-60 | | 47 |
| 131 | Optimization of nano TiO ₂ pretreatment on free acid dyeing of wool using central composite design. 2015 , 21, 1068-1076 | | 11 |
| 130 | Optimization of ultrasound assisted extraction of bioactive components from brown seaweed <i>Ascophyllum nodosum</i> using response surface methodology. 2015 , 23, 308-16 | | 112 |
| 129 | Molecular weight degradation and rheological properties of schizophyllan under ultrasonic treatment. 2015 , 23, 75-80 | | 41 |
| 128 | Extraction, optimization and characterization of crude polysaccharides from <i>Artemisia Mongolica</i> . 2016 , 10, 47-58 | | |
| 127 | Optimization of the Ultrasonic-Assisted Extraction of Bioactive Flavonoids from <i>Ampelopsis grossedentata</i> and Subsequent Separation and Purification of Two Flavonoid Aglycones by High-Speed Counter-Current Chromatography. <i>Molecules</i> , 2016 , 21, | 4.8 | 15 |
| 126 | Extraction, Purification and Primary Characterization of Polysaccharides from Defatted Peanut (<i>Arachis hypogaea</i>) Cakes. <i>Molecules</i> , 2016 , 21, | 4.8 | 7 |
| 125 | Extraction optimization by response surface methodology of mucilage polysaccharide from the peel of <i>Opuntia dillenii</i> haw. fruits and their physicochemical properties. <i>Carbohydrate Polymers</i> , 2016 , 151, 381-391 | 10.3 | 42 |
| 124 | Antifungal activities of anthocyanins from purple sweet potato in the presence of food preservatives. 2016 , 25, 165-171 | | 12 |
| 123 | Preparation, characterization and optimization for upgrading <i>Leucaena leucocephala</i> bark to biochar fuel with high energy yielding. 2016 , 106, 743-756 | | 59 |
| 122 | Extraction, antioxidant and antibacterial activities of <i>Broussonetia papyrifera</i> fruits polysaccharides. <i>International Journal of Biological Macromolecules</i> , 2016 , 92, 116-124 | 7.9 | 53 |
| 121 | Effect of dispersed hydrophilic silicon dioxide nanoparticles on batch adsorption of benzoic acid from aqueous solution using modified natural vermiculite: An equilibrium study. 2016 , 14, 325-337 | | 7 |
| 120 | Antioxidant activities of polysaccharides obtained from <i>Chlorella pyrenoidosa</i> via different ethanol concentrations. <i>International Journal of Biological Macromolecules</i> , 2016 , 91, 505-9 | 7.9 | 56 |
| 119 | Extraction, characterization and antioxidant activity of water-soluble polysaccharides from <i>Tuber huidongense</i> . <i>International Journal of Biological Macromolecules</i> , 2016 , 91, 431-42 | 7.9 | 37 |

| | | | |
|-----|--|-----|-----|
| 118 | Enhanced magnetic and antifungal characteristics on wool with Fe ₃ O ₄ nanoparticles and BTCA: a facile synthesis and RSM optimization. <i>Journal of the Textile Institute</i> , 2016 , 107, 1617-1631 | 1.5 | 7 |
| 117 | Optimization of the Extraction Process of Antioxidants from Orange Using Response Surface Methodology. 2016 , 9, 1436-1443 | | 9 |
| 116 | Effect of Longan polysaccharides on proliferation and phenotype maintenance in rabbit articular chondrocytes in vitro. 2016 , 54, 607-17 | | 6 |
| 115 | Ultrahigh pressure-assisted enzymatic extraction maximizes the yield of longan pulp polysaccharides and their acetylcholinesterase inhibitory activity in vitro. <i>International Journal of Biological Macromolecules</i> , 2017 , 96, 214-222 | 7.9 | 26 |
| 114 | Applications of Response Surface Methodology in the Food Industry Processes. 2017 , 10, 413-433 | | 167 |
| 113 | Continuous ultrasonic-mediated solvent extraction of lactic acid from fermentation broths. 2017 , 145, 142-150 | | 36 |
| 112 | Optimization of ultrasound assisted extraction (UAE) of β-glucan polysaccharides from <i>Ganoderma lucidum</i> for prospective scale-up. 2017 , 3, 46-54 | | 10 |
| 111 | Sulfonation and Antioxidative Evaluation of Polysaccharides from <i>Pleurotus Mushroom</i> and <i>Streptococcus thermophilus</i> Bacteria: A Review. 2017 , 16, 282-294 | | 11 |
| 110 | A wheat straw cellulose based semi-IPN hydrogel reactor for metal nanoparticles preparation and catalytic reduction of 4-nitrophenol. 2017 , 7, 17599-17611 | | 18 |
| 109 | Degradation of an Anthraquinone Dye by Ozone/Fenton: Response Surface Approach and Degradation Pathway. 2017 , 39, 219-232 | | 20 |
| 108 | Immune enhancement effects and extraction optimization of polysaccharides from <i>Citrus aurantium L. var. amara</i> Engl. 2017 , 8, 796-807 | | 37 |
| 107 | Optimal separation of phenol from model oils by forming deep eutectic solvents with quaternary ammonium salts. 2017 , 34, 814-821 | | 12 |
| 106 | Optimization of ultrasound assisted extraction of of goji berry (<i>Lycium barbarum</i>) fruits and evaluation of extractsTbioactivity. 2017 , 40, e12522 | | 32 |
| 105 | Optimization of ultrasound-assisted extraction of glycyrrhizic acid from licorice using response surface methodology. 2017 , 6, 388-394 | | 23 |
| 104 | Quantitative studies of rhubarb using quantitative analysis of multicomponents by single marker and response surface methodology. 2017 , 40, 3792-3800 | | 6 |
| 103 | Isolation of Ferulic Acid from Wheat Bran with a Deep Eutectic Solvent and Modified Silica Gel. 2017 , 50, 1926-1938 | | 12 |
| 102 | The effects of ultrasound assisted extraction on antioxidative activity of polyphenolics obtained from <i>Momordica charantia</i> fruit using response surface approach. 2017 , 17, 7-16 | | 19 |
| 101 | A recyclable protein resource derived from cauliflower by-products: Potential biological activities of protein hydrolysates. 2017 , 221, 114-122 | | 58 |

| | | | |
|-----|---|------|-----|
| 100 | The research on the response surface-geometric feature charge simulation method. 2017 , | | |
| 99 | Comparative Pharmacokinetics and Bioavailability of Three Ephedrines in Rat after Oral Administration of Unprocessed and Honey-Fried Ephedra Extract by Response Surface Experimental Design. 2017 , 2017, 2802193 | | 2 |
| 98 | Sulfated modification of polysaccharides: Synthesis, characterization and bioactivities. 2018 , 74, 147-157 | | 110 |
| 97 | Influence of process variables on the drum drying of mango pulp. 2018 , 36, 1488-1500 | | 10 |
| 96 | Optimization of ultrasonic-assisted extraction (UAE) of phenolics and antioxidant compounds from rhizomes of <i>Rheum moorcroftianum</i> using response surface methodology (RSM). 2018 , 119, 218-225 | | 100 |
| 95 | Characterization, antioxidant and antiglycation properties of polysaccharides extracted from the medicinal halophyte <i>Carpobrotus edulis</i> L. <i>International Journal of Biological Macromolecules</i> , 2018 , 107, 833-842 | 7.9 | 19 |
| 94 | Analysis and optimization of viscosity of concentrated silica suspensions by response surface methodology (RSM): Control of particle modality. 2018 , 39, 1352-1359 | | 1 |
| 93 | Ultrasound-assisted xanthation of cellulose from lignocellulosic biomass optimized by response surface methodology for Pb(II) sorption. <i>Carbohydrate Polymers</i> , 2018 , 182, 21-28 | 10.3 | 45 |
| 92 | Partition Behavior in Aqueous Two-Phase System and Antioxidant Activity of Flavonoids from <i>Ginkgo biloba</i> . 2018 , 8, 2058 | | 4 |
| 91 | Optimization of ultrasound-assisted extraction of functional polysaccharides from common mullein (<i>Verbascum thapsus</i> L.) flowers. 2018 , 41, e12851 | | 12 |
| 90 | Peanut meal as plywood adhesives: preparation and characterization. 2018 , 32, 2450-2463 | | 4 |
| 89 | Thermogravimetric pyrolysis for neem char using novel agricultural waste: a study of process optimization and statistical modeling. 2018 , 8, 857-871 | | 9 |
| 88 | Identification of polysaccharides extracted from pea pod by-products and evaluation of their biological and functional properties. <i>International Journal of Biological Macromolecules</i> , 2018 , 116, 947-954 | 7.9 | 10 |
| 87 | Optimization extraction, characterization and anticancer activities of polysaccharides from mango pomace. <i>International Journal of Biological Macromolecules</i> , 2018 , 117, 1314-1325 | 7.9 | 13 |
| 86 | Optimization of <i>Hericium erinaceus</i> polysaccharide-loaded Poly (lactic-co-glycolicacid) nanoparticles by RSM and its absorption in Caco-2 cell monolayers. <i>International Journal of Biological Macromolecules</i> , 2018 , 118, 932-937 | 7.9 | 11 |
| 85 | Preparation of Oligosaccharides by Degradation of Polysaccharides from Chinese Jujube and Its Biological Activity. 2018 , 2018, 1-8 | | 7 |
| 84 | Multi-response optimization of enzyme-assisted maceration to enhance the yield and antioxidant activity of <i>Cassia fistula</i> pods extracts. 2018 , 12, 2685-2694 | | 5 |
| 83 | Response Surface Methodology for Optimizing the Ultrasound-Assisted Extraction of Polysaccharides from <i>Acanthopanax giraldii</i> . 2018 , 66, 785-793 | | 6 |

| | | | |
|----|---|-----|----|
| 82 | Optimization of Ultrasound-Assisted Extraction and Structural Characterization of the Polysaccharide from Pumpkin () Seeds. <i>Molecules</i> , 2018 , 23, | 4.8 | 19 |
| 81 | Effect of immobilization on growth and organics removal of chlorella in fracturing flowback fluids treatment. 2018 , 226, 163-168 | | 6 |
| 80 | Review of isolation, structural properties, chain conformation, and bioactivities of psyllium polysaccharides. <i>International Journal of Biological Macromolecules</i> , 2019 , 139, 409-420 | 7.9 | 32 |
| 79 | Optimization of Bioactive Substances in the Wastes of Some Selective Mediterranean Crops. 2019 , 5, 42 | | 7 |
| 78 | Screening of the antioxidant properties of olive (<i>Olea europaea</i>) leaf extract by titanium based reduced graphene oxide electrode. 2019 , 36, 1184-1192 | | 7 |
| 77 | Development and analysis of a novel PVDF membrane with higher content of β phase. 2019 , 24, 684-695 | | 2 |
| 76 | Optimization of ultrasonic-assisted extraction of pigment from by response surface methodology and evaluation of its stability.. 2019 , 9, 1576-1585 | | 7 |
| 75 | Production of levulinic acid and ethyl levulinate from cellulosic pulp derived from the cooking of lignocellulosic biomass with active oxygen and solid alkali. 2019 , 36, 740-752 | | 16 |
| 74 | Enzyme-Catalyzed Production of Potato Galactan-Oligosaccharides and Its Optimization by Response Surface Methodology. <i>Materials</i> , 2019 , 12, | 3.5 | 2 |
| 73 | The effect of Longan Arillus extract on enhancing oral absorption of bioactive peptides derived from defatted walnut meal hydrolysates. 2019 , 57, 309-316 | | 2 |
| 72 | Two PBDEs exposure inducing feeding depression and disorder of digestive and antioxidative system of <i>Daphnia magna</i> . 2019 , 176, 279-287 | | 7 |
| 71 | Optimization of acoustic performances of a new tung oleic acid-based composite polyurethane foam. 2019 , 136, 47861 | | 1 |
| 70 | Optimization and Formulation of Fucoxanthin-Loaded Microsphere (F-LM) Using Response Surface Methodology (RSM) and Analysis of Its Fucoxanthin Release Profile. <i>Molecules</i> , 2019 , 24, | 4.8 | 13 |
| 69 | Optimization of Extraction Technology of Majun Mupakhi Ela and its Effect on Hydrocortisone-induced Kidney Yang Deficiency in Mice. 2019 , 9, 4628 | | 4 |
| 68 | Optimization of Enzymatic-assisted Extraction of Polysaccharides from Roxburgh Rose Pomace and its Antioxidant Activity. 2019 , 78, 02014 | | 1 |
| 67 | Optimization and assessment on indirect electrochemical reduction of indigo. 2019 , 49, 154-162 | | 1 |
| 66 | Comparison of the conductive properties of polyester/viscose fabric treated with Cu nanoparticle and MWCNTs. 2019 , 9, 335-348 | | 7 |
| 65 | Optimum Preparation Method for Self-Assembled PEGylation Nano-Adjuvant Based on and Its Immunological Effect on Macrophages. 2019 , 14, 9361-9375 | | 12 |

| | | | |
|----|---|------|----|
| 64 | Physicochemical properties and prebiotic activities of polysaccharides from longan pulp based on different extraction techniques. <i>Carbohydrate Polymers</i> , 2019 , 206, 344-351 | 10.3 | 53 |
| 63 | Optimization of Ultrasonic-Microwave Assisted Extraction and Hepatoprotective Activities of Polysaccharides from. <i>Molecules</i> , 2019 , 24, | 4.8 | 14 |
| 62 | Optimization, evaluation and identification of flavonoids in <i>Cirsium setosum</i> (Willd.) MB by using response surface methodology. 2019 , 13, 1175-1184 | | 4 |
| 61 | Ultrasonic-assisted extraction process and method validation for deoxypodophyllotoxin from the roots of <i>Anthriscus sylvestris</i> : Application of response surface methodology and UPLC-MS/MS. 2019 , 31, 126-132 | | 2 |
| 60 | Synthesis, characterization, rheological and self-assembly behavior of polyelectrolytes hydrophobically modified with high styrene content: Effect of external parameters on thickening properties and nano-associations. 2020 , 41, 751-762 | | 0 |
| 59 | Extraction optimization and adsorption isotherm kinetics of polyphenols from blossoms of <i>Citrus aurantium L. var. amara</i> Engl. 2020 , 55, 886-895 | | 1 |
| 58 | New infertility therapy effects of polysaccharides from <i>Althaea officinalis</i> leaf with emphasis on characterization, antioxidant and anti-pathogenic activity. <i>International Journal of Biological Macromolecules</i> , 2020 , 145, 777-787 | 7.9 | 2 |
| 57 | Application of ratiometric fluorescence sensor-based microwave-assisted synthesized CdTe quantum dots and mesoporous structured epitope-imprinted polymers for highly efficient determination of tyrosine phosphopeptide. 2020 , 12, 63-72 | | 12 |
| 56 | Preparation, characterization and controlled-release property of CS crosslinked MWCNT based on <i>Hericium erinaceus</i> polysaccharides. <i>International Journal of Biological Macromolecules</i> , 2020 , 153, 1310-1318 | 7.9 | 3 |
| 55 | Green Synthesis of Gold Nanoparticles Using Longan Polysaccharide and their Reduction of 4-nitrophenol and Biological Applications. 2020 , 15, 2050002 | | 10 |
| 54 | Investigation and optimisation of the extraction of carvone and limonene from the Iranian <i>Mentha spicata</i> through the ultrasound-assisted extraction method. 2020 , 1-10 | | 3 |
| 53 | Optimization of Ultrasonic Extraction to Obtain Erinacine A and Polyphenols with Antioxidant Activity from the Fungal Biomass of. <i>Foods</i> , 2020 , 9, | 4.9 | 7 |
| 52 | Assessment of Antioxidant Contents and Free Radical-Scavenging Capacity of <i>Chlorella vulgaris</i> Cultivated in Low Cost Media. 2020 , 10, 8611 | | 6 |
| 51 | The applicability of using a protease extracted from cashew fruits (<i>Anacardium occidentale</i>), as possible meat tenderizer: An experimental design approach. 2020 , 51, 810-829 | | 1 |
| 50 | Extraction of chitosan from squid pen waste by high hydrostatic pressure: Effects on physicochemical properties and antioxidant activities of chitosan. <i>International Journal of Biological Macromolecules</i> , 2020 , 160, 677-687 | 7.9 | 16 |
| 49 | Exploring Microfluidic Platform Technique for Continuous Production of Pharmaceutical Microemulsions. 2020 , 16, 441 | | 1 |
| 48 | Full-factorial design for statistical planning of attritor milling parameters and evaluation of effects on particle size and structure of sodium-montmorillonite. 2020 , 2, 015050 | | |
| 47 | Sensitivity and safety boundary Analysis of Opposed Multi-Burner Coal Water Slurry Gasification System. 2020 , 44, 2278-2288 | | 2 |

| | | | |
|----|--|-----|-----|
| 46 | Ultrasonic-Assisted Extraction of Phalerin from Phaleria macrocarpa: Response Surface Methodology and Artificial Neural Network Modelling. 2020 , 45, 7635-7644 | | 1 |
| 45 | The effects of ultrasound assisted extraction on yield, antioxidant, anticancer and antimicrobial activity of polyphenol extracts: A review. 2020 , 35, 100547 | | 126 |
| 44 | A low-molecular-weight ascophyllan prepared from Ascophyllum nodosum: Optimization, analysis and biological activities. <i>International Journal of Biological Macromolecules</i> , 2020 , 153, 107-117 | 7:9 | 7 |
| 43 | Improved protease activity of Pixian broad bean paste with cocultivation of <i>Aspergillus oryzae</i> QM-6 and <i>Aspergillus niger</i> QH-3. 2020 , 44, 33-40 | | 4 |
| 42 | Optimization studies on biodegradation of atrazine by ABP6 strain using response surface methodology. 2020 , 26, e00459 | | 16 |
| 41 | Research on the correlation between dynamic resistance and quality estimation of resistance spot welding. 2021 , 168, 108299 | | 3 |
| 40 | Ultrasound The Physical and Chemical Effects Integral to Food Processing. 2021 , 329-358 | | 3 |
| 39 | Optimization of ultrasonic-assisted freezing of <i>Penaeus chinensis</i> by response surface methodology. 2021 , 5, | | 2 |
| 38 | Optimisation of ultrasonic-assisted extraction of natural dyes from pomegranate rind using response surface methodology and its characterisation. 2021 , 137, 259-271 | | 2 |
| 37 | Chitosan based co-processed excipient for improved tableting. 2021 , 2, 100071 | | 1 |
| 36 | SIZINTI SUYU ARITIMINDA STRUKTUR KARBON OPTIMIZASYONU. 2018 , 23, 65-76 | | 4 |
| 35 | Optimization and orthogonal design of an ultrasonic-assisted aqueous extraction process for extracting chlorogenic acid from dry tobacco leaves. 2012 , 10, 311-320 | | 17 |
| 34 | Compositional Differences of Ojeok-san (Wuji-san) Decoctions Using Pressurized or Non-pressurized Methods for Variable Extraction Times. 2012 , 15, 24-30 | | 3 |
| 33 | Optimization of Ultrasonic-assisted Extraction of Polysaccharides from <i>Scutellaria barbata</i> and Determination of their Anticancer and Antioxidant Activities. 2016 , 12, 754-759 | | 6 |
| 32 | Compositional differences of Bojungikgi-tang decoctions using pressurized or non-pressurized extraction methods with variable extraction times. 2013 , 28, 1-6 | | 2 |
| 31 | The influences of extraction time and pressure on the chemical characteristics of Gyejibokryeong-hwan decoctions. 2014 , 29, 1-6 | | 1 |
| 30 | The Influence of Pressure and Time on the Preparation of Decoctions. 2013 , 34, 12-20 | | 1 |
| 29 | Ultrasonic-Assisted Extraction of Puerarin Optimized by Response Surface Methodology. 2015 , 499-508 | | |

| | | | |
|----|--|-----|---|
| 28 | Process Optimization for Extraction of Polyphenols from Avocado Seeds (<i>Persea americana</i> Mill.) Using Response Surface Methodology. 2019 , 5-11 | | 1 |
| 27 | Ultrasonic Intensification of Mass Transfer in Organic Acid Extraction. 2021 , 9, 15 | | 2 |
| 26 | A Two-stage Process for Increasing the Yield of Prebiotic-rich Extract from <i>Pinus densiflora</i> . 2018 , 46, 380-392 | | 4 |
| 25 | Response Surface Methodology (RSM)-Based Optimization of Ultrasound-Assisted Extraction of Sennoside A, Sennoside B, Aloe-Emodin, Emodin, and Chrysophanol from (Aerial Parts): HPLC-UV and Antioxidant Analysis.. <i>Molecules</i> , 2022 , 27, | 4.8 | 1 |
| 24 | Application of an experimental design methodology for the optimization of cosmetotextile impregnation process by Cyclodextrin based microcapsules. <i>Journal of the Textile Institute</i> , 1-9 | 1.5 | |
| 23 | Physicochemical properties and in vitro digestion behavior of a new bioactive Tremella fuciformis gum.. <i>International Journal of Biological Macromolecules</i> , 2022 , | 7.9 | 0 |
| 22 | Multi-objective optimization of hybrid microwave-fluidized bed drying conditions of rice using response surface methodology. <i>Journal of Stored Products Research</i> , 2022 , 97, 101956 | 2.5 | 0 |
| 21 | Valorization of Kiwiberry Leaves Recovered by Ultrasound-Assisted Extraction for Skin Application: A Response Surface Methodology Approach.. <i>Antioxidants</i> , 2022 , 11, | 7.1 | 2 |
| 20 | Ultrasound Assisted Extraction and Characterization of Bioactives From V Roots to Evaluate Their Antioxidant and Medicinal Potential.. <i>Dose-Response</i> , 2022 , 20, 15593258221097665 | 2.3 | 0 |
| 19 | Design and Preparation of White High-Strength Concrete with Ground Limestone Powder by Means of Response Surface Methodology.. <i>Materials</i> , 2022 , 15, | 3.5 | 0 |
| 18 | Extraction Optimization of Mucilage from Seeds of by Response Surface Methodology.. <i>Polymers</i> , 2022 , 14, | 4.5 | 0 |
| 17 | Efficient Extraction of an Anthraquinone Physcion Using Response Surface Methodology (RSM) Optimized Ultrasound-Assisted Extraction Method from Aerial Parts of <i>Senna occidentalis</i> and Analysis by HPLC-UV. <i>Separations</i> , 2022 , 9, 142 | 3.1 | 2 |
| 16 | Ultrasonic Processing of Food Waste to Generate Value-Added Products. <i>Foods</i> , 2022 , 11, 2035 | 4.9 | 1 |
| 15 | Antiviral effect of an extract from <i>Kaempferia galanga</i> L. rhizome in mice infected with pseudorabies virus. <i>Journal of Virological Methods</i> , 2022 , 307, 114573 | 2.6 | 1 |
| 14 | Extraction, purification, structural features and biological activities of longan fruit pulp (<i>Longyan</i>) polysaccharides: A review. <i>Frontiers in Nutrition</i> , 9, | 6.2 | 0 |
| 13 | Optimization of Methyl Anthranilate Synthesis Process by Response Surface Methodology and Its Reaction Mechanism. | | |
| 12 | Optimization of ultrasonic-assisted extraction of polysaccharide from fig leaves and its antioxidant activity. 42, | | 1 |
| 11 | Characterization of ultrasonically extracted flaxseed polysaccharide gum and assessing its lipid-lowering potential in a rat model. | | 0 |

- 10 Optimization of ultrasonic-assisted polysaccharide extraction from *Hyperici Perforati Herba* using response surface methodology and assessment of its antioxidant activity. **2022**, ○
- 9 Research Progress on Structure and Bioactivity of Longan Polysaccharide. **2023**, 11, 1631-1642 ○
- 8 Process optimization for the extraction of bioactive compounds from defatted flaxseed cake (*Linum usitatissimu*) using ultrasound-assisted extraction method and its characterization. ○
- 7 Ultrasound-Assisted Extraction of Specific Phenolic Compounds from *Petroselinum crispum* Leaves Using Response Surface Methodology and HPLC-PDA and Q-TOF-MS/MS Identification. **2023**, 13, 798 1
- 6 Pharmacokinetics of bioactive plant-derived polysaccharides for enhanced drug release, stability, bioavailability and target specificity. **2023**, 429-452 ○
- 5 Continuous fixed-bed column studies to remove polycyclic aromatic hydrocarbons by degrading enzymes immobilized on polyimide aerogels. **2023**, 53, 103597 ○
- 4 Ultrasound-Assisted Extraction of Total Phenolic Compounds and Antioxidant Activity Evaluation from *Oregano* (*Origanum vulgare* ssp. *hirtum*) Using Response Surface Methodology and Identification of Specific Phenolic Compounds with HPLC-PDA and Q-TOF-MS/MS. **2023**, 28, 2033 ○
- 3 Comparison of pulse electric field, microwave and ultrasonic pretreatment prior to black rice extraction on antioxidant and sirtuin1 enzyme stimulating activities. 43, ○
- 2 Ultrasound-assisted extraction (UAE) of antioxidant phenolics from *Corchorus olitorius* leaves: A response surface optimization. ○
- 1 Biodegradable Polymers and Polymer Composites with Antibacterial Properties. **2023**, 24, 7473 ○