

Fatma Krichen

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

630
citations

566801

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h-index

642321

23
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23
all docs

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docs citations

23
times ranked

913
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Structural basis of tubulin deetyrosination by the vasohibinâ€“SVBP enzyme complex. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 571-582. | 3.6 | 42 |
| 2 | Sulfated polysaccharide isolated from <i>Globularia alypum</i> L.: Structural characterization, in vivo and in vitro anticoagulant activity, and toxicological profile. <i>International Journal of Biological Macromolecules</i> , 2019, 123, 335-342. | 3.6 | 18 |
| 3 | Design, synthesis and biological evaluation of Schiff bases of 4-amino-1,2,4-triazole derivatives as potent angiotensin converting enzyme inhibitors and antioxidant activities. <i>Journal of Molecular Structure</i> , 2019, 1180, 344-354. | 1.8 | 43 |
| 4 | Characterization, Surface Properties and Biological Activities of Protein Hydrolysates Obtained from Hake (<i>Merluccius merluccius</i>) Heads. <i>Waste and Biomass Valorization</i> , 2019, 10, 287-297. | 1.8 | 15 |
| 5 | Ultrafiltration and thermal processing effects on Maillard reaction products and biological properties of date palm sap syrups (<i>Phoenix dactylifera</i> L.). <i>Food Chemistry</i> , 2018, 256, 397-404. | 4.2 | 26 |
| 6 | Studies on European eel skin sulfated glycosaminoglycans: Recovery, structural characterization and anticoagulant activity. <i>International Journal of Biological Macromolecules</i> , 2018, 115, 891-899. | 3.6 | 15 |
| 7 | Enhancement of Bioactive Compounds and Antioxidant Activities of Olive (<i>Olea europaea</i> L.) Leaf Extract by Instant Controlled Pressure Drop. <i>Food and Bioprocess Technology</i> , 2018, 11, 1222-1229. | 2.6 | 17 |
| 8 | Design, synthesis of novel Triazolones and bis-Triazolones derivatives under ultrasound irradiation and evaluation as potent angiotensin converting enzyme (ACE) inhibitors. <i>Bioorganic Chemistry</i> , 2018, 76, 147-153. | 2.0 | 8 |
| 9 | Purification and structural elucidation of chondroitin sulfate/dermatan sulfate from Atlantic bluefin tuna (<i>Thunnus thynnus</i>) skins and their anticoagulant and ACE inhibitory activities. <i>RSC Advances</i> , 2018, 8, 37965-37975. | 1.7 | 16 |
| 10 | Chondroitin sulfate/dermatan sulfate from corb (<i>Sciaena umbra</i>) skin: Purification, structural analysis and anticoagulant effect. <i>Carbohydrate Polymers</i> , 2018, 196, 272-278. | 5.1 | 30 |
| 11 | Identification and molecular docking of novel ACE inhibitory peptides from protein hydrolysates of shrimp waste. <i>Engineering in Life Sciences</i> , 2018, 18, 682-691. | 2.0 | 22 |
| 12 | Glycosaminoglycans from grey triggerfish and smooth hound skins: Rheological, Anti-inflammatory and wound healing properties. <i>International Journal of Biological Macromolecules</i> , 2018, 118, 965-975. | 3.6 | 15 |
| 13 | Isolation, Purification and Structural Characteristics of Chondroitin Sulfate from Smooth hound Cartilage: In vitro Anticoagulant and Antiproliferative Properties. <i>Carbohydrate Polymers</i> , 2018, 197, 451-459. | 5.1 | 42 |
| 14 | Effect of Extraction Methods on Chemical Composition, Angiotensin I-Converting Enzyme Inhibitory and Antioxidant Activity of Coffee Residue. <i>Journal of Food Processing and Preservation</i> , 2017, 41, e12768. | 0.9 | 4 |
| 15 | Potential application of <i>Bacillus subtilis</i> SPB1 lipopeptides in toothpaste formulation. <i>Journal of Advanced Research</i> , 2017, 8, 425-433. | 4.4 | 33 |
| 16 | Gelatin prepared from European eel (<i>Anguilla anguilla</i>) skin: Physicochemical, textural, viscoelastic and surface properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 529, 643-650. | 2.3 | 36 |
| 17 | Anionic lipopeptides from <i>Bacillus mojavensis</i> I4 as effective antihypertensive agents: Production, characterization, and identification. <i>Engineering in Life Sciences</i> , 2017, 17, 1244-1253. | 2.0 | 27 |
| 18 | Purification, structural characterization and antiproliferative properties of chondroitin sulfate/dermatan sulfate from tunisian fish skins. <i>International Journal of Biological Macromolecules</i> , 2017, 95, 32-39. | 3.6 | 34 |

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|----|---|-----|-----------|
| 19 | In vitro and in vivo anti-coagulant activity and toxicological studies of marine sulfated glycosaminoglycans. <i>Experimental and Toxicologic Pathology</i> , 2017, 69, 45-53. | 2.1 | 21 |
| 20 | Structural characterization and functional properties of antihypertensive <i>Cymodocea nodosa</i> sulfated polysaccharide. <i>Carbohydrate Polymers</i> , 2016, 151, 511-522. | 5.1 | 63 |
| 21 | Sulfated Polysaccharides from Tunisian Fish Skins: Antioxidant, DNA Damage Protective Effect and Antihypertensive Activities. <i>Journal of Polymers and the Environment</i> , 2016, 24, 166-175. | 2.4 | 12 |
| 22 | Extraction, characterization and antimicrobial activity of sulfated polysaccharides from fish skins. <i>International Journal of Biological Macromolecules</i> , 2015, 75, 283-289. | 3.6 | 59 |
| 23 | Sulfated polysaccharides from <i>Loligo vulgaris</i> skin: Potential biological activities and partial purification. <i>International Journal of Biological Macromolecules</i> , 2015, 72, 1143-1151. | 3.6 | 32 |