

# Fatma Krichen

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

630  
citations

566801

15  
h-index

642321

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

913  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural characterization and functional properties of antihypertensive <i>Cymodocea nodosa</i> sulfated polysaccharide. <i>Carbohydrate Polymers</i> , 2016, 151, 511-522.	5.1	63
2	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
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	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
5	Structural basis of tubulin detyrosination by the vasohibinâ€“SVBP enzyme complex. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 571-582.	3.6	42
6	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
7	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
8	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
9	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
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	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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

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19	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
20	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
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	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
23	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