

Rongfeng Li

List of Publications by Year in descending order

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36
papers

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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Degradation of sulfated polysaccharides from <i>Enteromorpha prolifera</i> and their antioxidant activities. <i>Carbohydrate Polymers</i> , 2013, 92, 1991-1996. | 10.2 | 136 |
| 2 | Jellyfish venomics and venom gland transcriptomics analysis of <i>Stomolophus meleagris</i> to reveal the toxins associated with sting. <i>Journal of Proteomics</i> , 2014, 106, 17-29. | 2.4 | 106 |
| 3 | Synthesis of superabsorbent polymers based on chitosan derivative graft acrylic acid-co-acrylamide and its property testing. <i>International Journal of Biological Macromolecules</i> , 2019, 132, 575-584. | 7.5 | 77 |
| 4 | Partial Characterization, the Immune Modulation and Anticancer Activities of Sulfated Polysaccharides from Filamentous Microalgae <i>Tribonema</i> sp.. <i>Molecules</i> , 2019, 24, 322. | 3.8 | 75 |
| 5 | Combined proteomics and transcriptomics identifies sting-related toxins of jellyfish <i>Cyanea nozakii</i> . <i>Journal of Proteomics</i> , 2016, 148, 57-64. | 2.4 | 40 |
| 6 | Isolation, identification and characterization of a novel antioxidant protein from the nematocyst of the jellyfish <i>Stomolophus meleagris</i> . <i>International Journal of Biological Macromolecules</i> , 2012, 51, 274-278. | 7.5 | 31 |
| 7 | Application of nanoLC-MS/MS to the shotgun proteomic analysis of the nematocyst proteins from jellyfish <i>Stomolophus meleagris</i> . <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 899, 86-95. | 2.3 | 29 |
| 8 | Isolation and in vitro partial characterization of hemolytic proteins from the nematocyst venom of the jellyfish <i>Stomolophus meleagris</i> . <i>Toxicology in Vitro</i> , 2013, 27, 1620-1625. | 2.4 | 28 |
| 9 | Exploring the Antibacterial and Antifungal Potential of Jellyfish-Associated Marine Fungi by Cultivation-Dependent Approaches. <i>PLoS ONE</i> , 2015, 10, e0144394. | 2.5 | 26 |
| 10 | Functional Elucidation of <i>Nemopilema nomurai</i> and <i>Cyanea nozakii</i> Nematocyst Venoms' Lytic Activity Using Mass Spectrometry and Zymography. <i>Toxins</i> , 2017, 9, 47. | 3.4 | 21 |
| 11 | In depth analysis of the in vivo toxicity of venom from the jellyfish <i>Stomolophus meleagris</i> . <i>Toxicon</i> , 2014, 92, 60-65. | 1.6 | 20 |
| 12 | Antidiabetic Activity of Differently Regioselective Chitosan Sulfates in Alloxan-Induced Diabetic Rats. <i>Marine Drugs</i> , 2015, 13, 3072-3090. | 4.6 | 20 |
| 13 | The bioactivity of new chitin oligosaccharide dithiocarbamate derivatives evaluated against nematode disease (<i>Meloidogyne incognita</i>). <i>Carbohydrate Polymers</i> , 2019, 224, 115155. | 10.2 | 19 |
| 14 | Preparation and Antioxidant Activity of Chitosan Dimers with Different Sequences. <i>Marine Drugs</i> , 2021, 19, 366. | 4.6 | 19 |
| 15 | Biochemical and kinetic evaluation of the enzymatic toxins from two stinging scyphozoans <i>Nemopilema nomurai</i> and <i>Cyanea nozakii</i> . <i>Toxicon</i> , 2017, 125, 1-12. | 1.6 | 18 |
| 16 | Two-step purification and in vitro characterization of a hemolysin from the venom of jellyfish <i>Cyanea nozakii</i> Kishinouye. <i>International Journal of Biological Macromolecules</i> , 2011, 49, 14-19. | 7.5 | 17 |
| 17 | Combined Proteome and Toxicology Approach Reveals the Lethality of Venom Toxins from Jellyfish <i>Cyanea nozakii</i> . <i>Journal of Proteome Research</i> , 2018, 17, 3904-3913. | 3.7 | 17 |
| 18 | Inhibitory Effect of Metalloproteinase Inhibitors on Skin Cell Inflammation Induced by Jellyfish <i>Nemopilema nomurai</i> Nematocyst Venom. <i>Toxins</i> , 2019, 11, 156. | 3.4 | 15 |

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|----|--|-----|-----------|
| 19 | Structure-Dependent Modulation of Substrate Binding and Biodegradation Activity of Pirin Proteins toward Plant Flavonols. <i>ACS Chemical Biology</i> , 2019, 14, 2629-2640. | 3.4 | 13 |
| 20 | The Acaricidal Activity of Venom from the Jellyfish <i>Nemopilema nomurai</i> against the Carmine Spider Mite <i>Tetranychus cinnabarinus</i> . <i>Toxins</i> , 2016, 8, 179. | 3.4 | 11 |
| 21 | Purification and identification of antioxidative peptides from mackerel (<i>Pneumatophorus japonicus</i>) protein. <i>RSC Advances</i> , 2018, 8, 20488-20498. | 3.6 | 9 |
| 22 | Comprehensive Proteome Reveals the Key Lethal Toxins in the Venom of Jellyfish <i>Nemopilema nomurai</i> . <i>Journal of Proteome Research</i> , 2020, 19, 2491-2500. | 3.7 | 9 |
| 23 | Sulfated polysaccharides with antioxidant and anticoagulant activity from the sea cucumber <i>Holothuria fuscogлива</i> . <i>Chinese Journal of Oceanology and Limnology</i> , 2017, 35, 763-769. | 0.7 | 8 |
| 24 | Topical Exposure to <i>Nemopilema nomurai</i> Venom Triggers Oedematogenic Effects: Enzymatic Contribution and Identification of Venom Metalloproteinase. <i>Toxins</i> , 2021, 13, 44. | 3.4 | 8 |
| 25 | Jellyfish <i>Nemopilema nomurai</i> causes myotoxicity through the metalloprotease component of venom. <i>Biomedicine and Pharmacotherapy</i> , 2022, 151, 113192. | 5.6 | 8 |
| 26 | Efficacy of Venom from Tentacle of Jellyfish <i>Stomolophus meleagris</i> (<i>Nemopilema nomurai</i>) against the Cotton Bollworm <i>Helicoverpa armigera</i> . <i>BioMed Research International</i> , 2014, 2014, 1-4. | 1.9 | 7 |
| 27 | Effect of Venom from the Jellyfish <i>Nemopilema nomurai</i> on the Silkworm <i>Bombyx mori</i> L. <i>Toxins</i> , 2015, 7, 3876-3886. | 3.4 | 6 |
| 28 | Insights into individual variations in nematocyst venoms from the giant jellyfish <i>Nemopilema nomurai</i> in the Yellow Sea. <i>Scientific Reports</i> , 2019, 9, 3361. | 3.3 | 6 |
| 29 | Isolation and identification of antimicrobial metabolites from sea anemone-derived fungus <i>Emericella</i> sp. SMA01. <i>Journal of Oceanology and Limnology</i> , 2021, 39, 1010-1019. | 1.3 | 5 |
| 30 | Identifying and revealing the geographical variation in <i>Nemopilema nomurai</i> venom metalloprotease and phospholipase A2 activities. <i>Chemosphere</i> , 2021, 266, 129164. | 8.2 | 3 |
| 31 | Refinement and Neutralization Evaluation of the F(ab ²) Type of Antivenom against the Deadly Jellyfish <i>Nemopilema nomurai</i> Toxins. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12672. | 4.1 | 3 |
| 32 | Preparation and Neutralization Efficacy of Novel Jellyfish Antivenoms against <i>Cyanea nozakii</i> Toxins. <i>Toxins</i> , 2021, 13, 165. | 3.4 | 2 |
| 33 | Field Experiment Effect on Citrus Spider Mite <i>Panonychus citri</i> of Venom from Jellyfish <i>Nemopilema nomurai</i> : The Potential Use of Jellyfish in Agriculture. <i>Toxins</i> , 2021, 13, 411. | 3.4 | 2 |
| 34 | Synergistic Effect of Proteinase Activity by Purification and Identification of Toxic Protease From <i>Nemopilema nomurai</i> . <i>Frontiers in Pharmacology</i> , 2021, 12, 791847. | 3.5 | 2 |
| 35 | Investigation into the hemolytic activity of tentacle venom from jellyfish <i>Cyanea nozakii</i> Kishinouye. <i>Chinese Journal of Oceanology and Limnology</i> , 2016, 34, 382-385. | 0.7 | 1 |
| 36 | Updated descriptions of the nematocysts of the scyphozoan jellyfish <i>Cyanea nozakii</i> Kishinouye, 1891 (Cnidaria, Scyphozoa). <i>Toxicon</i> , 2020, 187, 271-278. | 1.6 | 1 |