

# Galina N Likhatskaya

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

667  
citations

686830

13  
h-index

642321

23  
g-index

54  
all docs

54  
docs citations

54  
times ranked

760  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Hemolytic activities of triterpene glycosides from the holothurian order dendrochirotida: Some trends in the evolution of this group of toxins. <i>Toxicon</i> , 1996, 34, 475-483.  | 0.8 | 80        |
| 2  | Actinoporins from the sea anemones, tropical <i>Radianthus macrodactylus</i> and northern <i>Oulactis orientalis</i> : Comparative analysis of structure–function relationships. <i>Toxicon</i> , 2010, 56, 1299-1314.   | 0.8 | 48        |
| 3  | Purification, cDNA cloning and homology modeling of endo-1,3- $\beta$ -d-glucanase from scallop <i>Mizuhopecten yessoensis</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2006, 143, 473-485.                               | 0.7 | 47        |
| 4  | Recombinant Production and Characterization of a Highly Active Alkaline Phosphatase from Marine Bacterium <i>Cobetia marina</i> . <i>Marine Biotechnology</i> , 2015, 17, 130-143.   | 1.1 | 43        |
| 5  | The distribution of free sterols, polyhydroxysteroids and steroid glycosides in various body components of the starfish <i>Patiria (=Asterina) pectinifera</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2001, 128, 43-52. | 0.7 | 36        |
| 6  | Interaction of chitosans and their N-acylated derivatives with lipopolysaccharide of gram-negative bacteria. <i>Biochemistry (Moscow)</i> , 2008, 73, 432-441.   | 0.7 | 26        |
| 7  | An Extracellular S1-Type Nuclease of Marine Fungus <i>Penicillium melinii</i> . <i>Marine Biotechnology</i> , 2012, 14, 87-95.   | 1.1 | 23        |
| 8  | Usnic Acid Conjugates with Monoterpenoids as Potent Tyrosyl-DNA Phosphodiesterase 1 Inhibitors. <i>Journal of Natural Products</i> , 2020, 83, 2320-2329.  | 1.5 | 21        |
| 9  | Homology Models of the <i>Yersinia Pseudotuberculosis</i> and <i>Yersinia Pestis</i> General Porins and Comparative Analysis of Their Functional and Antigenic Regions. <i>Journal of Biomolecular Structure and Dynamics</i> , 2005, 23, 163-174.                         | 2.0 | 20        |
| 10 | Influence of structural features of carrageenan on the formation of polyelectrolyte complexes with chitosan. <i>International Journal of Biological Macromolecules</i> , 2016, 84, 434-441.  | 3.6 | 18        |
| 11 | Antiviral Potential of Sea Urchin Aminated Spinochromes against Herpes Simplex Virus Type 1. <i>Marine Drugs</i> , 2020, 18, 550.  | 2.2 | 17        |
| 12 | Synthetic 1,4-Naphthoquinones inhibit P2X7 receptors in murine neuroblastoma cells. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 31, 115975.  | 1.4 | 16        |
| 13 | A Novel Alkaline Phosphatase/Phosphodiesterase, CamPhoD, from Marine Bacterium <i>Cobetia amphilecti</i> KMM 296. <i>Marine Drugs</i> , 2019, 17, 657.   | 2.2 | 15        |
| 14 | In Vitro Anti-Orthohantavirus Activity of the High-and Low-Molecular-Weight Fractions of Fucoidan from the Brown Alga <i>Fucus evanescens</i> . <i>Marine Drugs</i> , 2021, 19, 577.   | 2.2 | 15        |
| 15 | Effects of copper and cadmium ions on the physicochemical properties of lipids of the marine bacterium <i>Pseudomonas putida</i> IB28 at different growth temperatures. <i>Russian Journal of Marine Biology</i> , 2008, 34, 179-185.                                      | 0.2 | 14        |
| 16 | Characterization of Properties and Transglycosylation Abilities of Recombinant $\beta$ -Galactosidase from Cold-Adapted Marine Bacterium <i>Pseudoalteromonas</i> KMM 701 and Its C494N and D451A Mutants. <i>Marine Drugs</i> , 2018, 16, 349.                            | 2.2 | 13        |
| 17 | Relationship between the structure of a highly regular fucoidan from <i>Fucus evanescens</i> and its ability to form nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2021, 185, 679-687.  | 3.6 | 13        |
| 18 | Influence of the Structural Features of Carrageenans from Red Algae of the Far Eastern Seas on Their Antiviral Properties. <i>Marine Drugs</i> , 2022, 20, 60.   | 2.2 | 12        |

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|----|--|-----|-----------|
| 19 | Enzymatic transformation of biologically active 1,3;1,6- $\beta$ -D-glucan. Structure and activity of resulting fragments. <i>Biochemistry (Moscow)</i> , 2007, 72, 29-36.   | 0.7 | 11        |
| 20 | A Novel OmpY Porin From <i>Yersinia Pseudotuberculosis</i> : Structure, Channel-Forming Activity and Trimer Thermal Stability. <i>Journal of Biomolecular Structure and Dynamics</i> , 2011, 28, 517-533.  | 2.0 | 11        |
| 21 | Mannan-Binding Lectin of the Sea Urchin <i>Strongylocentrotus nudus</i> . <i>Marine Biotechnology</i> , 2013, 15, 73-86.   | 1.1 | 11        |
| 22 | Carbohydrate-binding motifs in a novel type lectin from the sea mussel <i>Crenomytilus grayanus</i> : Homology modeling study and site-specific mutagenesis. <i>Fish and Shellfish Immunology</i> , 2015, 47, 565-571.                                     | 1.6 | 11        |
| 23 | Sponge-derived polybrominated diphenyl ethers and dibenzo-p-dioxins, irreversible inhibitors of the bacterial $\beta$ -galactosidase. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 1754-1763.  | 1.7 | 10        |
| 24 | Effect of Pentacyclic Guanidine Alkaloids from the Sponge <i>Monanchora pulchra</i> on Activity of $\beta$ -Glycosidases from Marine Bacteria. <i>Marine Drugs</i> , 2019, 17, 22.   | 2.2 | 9         |
| 25 | A Novel Bifunctional Hybrid with Marine Bacterium Alkaline Phosphatase and Far Eastern Holothurian Mannan-Binding Lectin Activities. <i>PLoS ONE</i> , 2014, 9, e112729.   | 1.1 | 9         |
| 26 | Synthesis, Cytotoxic Activity Evaluation and Quantitative Structure-Activity Analysis of Substituted 5,8-Dihydroxy-1,4-naphthoquinones and Their O- and S-Glycoside Derivatives Tested against Neuro-2a Cancer Cells. <i>Marine Drugs</i> , 2020, 18, 602. | 2.2 | 8         |
| 27 | Genome-Wide Analysis of PL7 Alginate Lyases in the Genus <i>Zobellia</i> . <i>Molecules</i> , 2021, 26, 2387.  | 1.7 | 8         |
| 28 | Neuroprotective Effect of 1,4-Naphthoquinones in an In Vitro Model of Paraquat and 6-OHDA-Induced Neurotoxicity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9933.  | 1.8 | 8         |
| 29 | Biologically active polyphenolic compounds from <i>Lespedeza bicolor</i> . <i>F<sub>2</sub>-toterap<sub>2</sub></i> , 2022, 157, 105121.   | 1.1 | 8         |
| 30 | Actinoporins from the Sea of Japan anemone <i>Oulactis orientalis</i> : Isolation and partial characterization. <i>Russian Journal of Bioorganic Chemistry</i> , 2005, 31, 34-42.  | 0.3 | 7         |
| 31 | Chaperone Skp from <i>Yersinia pseudotuberculosis</i> exhibits immunoglobulin G binding ability. <i>Biochemistry (Moscow)</i> , 2009, 74, 406-415.   | 0.7 | 7         |
| 32 | Optimization of production conditions and 3D-structure modeling of novel antibacterial peptide of lantibiotic family. <i>Applied Biochemistry and Microbiology</i> , 2017, 53, 40-46.  | 0.3 | 7         |
| 33 | Interaction of N-acylated and N-alkylated chitosans included in liposomes with lipopolysaccharide of gram-negative bacteria. <i>Biochemistry (Moscow)</i> , 2013, 78, 301-308.   | 0.7 | 6         |
| 34 | Mutagenesis Studies and Structure-function Relationships for GalNAc/Gal-Specific Lectin from the Sea Mussel <i>Crenomytilus grayanus</i> . <i>Marine Drugs</i> , 2018, 16, 471.  | 2.2 | 6         |
| 35 | Pore-forming Proteins of Genus <i>Yersinia</i> . , 2003, 529, 261-263.   |     | 5         |
| 36 | Isolation and characterization of OmpF-like porin from <i>Yersinia ruckeri</i> . <i>Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology</i> , 2012, 6, 235-242.   | 0.3 | 5         |

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|----|---|-----|-----------|
| 37 | Mutant OmpF porins of <i>Yersinia pseudotuberculosis</i> with deletions of external loops: Structure and functional and immunochemical properties. <i>Biochemical and Biophysical Research Communications</i> , 2014, 445, 428-432.                             | 1.0 | 5         |
| 38 | Recombinant phospholipase A1 of the outer membrane of psychrotrophic <i>Yersinia pseudotuberculosis</i> : Expression, purification, and characterization. <i>Biochemistry (Moscow)</i> , 2016, 81, 47-57.   | 0.7 | 5         |
| 39 | Porin from Marine Bacterium <i>Marinomonas primoryensis</i> KMM 3633T: Isolation, Physico-Chemical Properties, and Functional Activity. <i>Molecules</i> , 2020, 25, 3131.  | 1.7 | 5         |
| 40 | OmpC-like porin from <i>Yersinia pseudotuberculosis</i> : Molecular characteristics, physico-chemical and functional properties. <i>Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology</i> , 2011, 5, 263-277.                                | 0.3 | 4         |
| 41 | Porins from marine bacteria of the genus <i>Pseudoalteromonas</i> (Gammaproteobacteria): Tj ETQq1 1 0.784314 rgBT / Overlock 10 Tf 50 58 0,2 4  | 0.2 | 4         |
| 42 | Molecular cloning, isolation, and properties of chaperone Skp from <i>Yersinia pseudotuberculosis</i> . <i>Biochemistry (Moscow)</i> , 2012, 77, 1315-1325.   | 0.7 | 3         |
| 43 | Protein composition of the cell envelope of the bacterium <i>Shewanella frigidimarina</i> Pi 2-35 (Gammaproteobacteria: Shewanellaceae). <i>Russian Journal of Marine Biology</i> , 2016, 42, 73-80.  | 0.2 | 2         |
| 44 | Effects of Sponge-Derived Alkaloids on Activities of the Bacterial $\beta$ -D-Galactosidase and Human Cancer Cell $\beta$ -N-Acetylgalactosaminidase. <i>Biomedicines</i> , 2021, 9, 510.   | 1.4 | 2         |
| 45 | In Vitro and In Silico Studies of Human Tyrosyl-DNA Phosphodiesterase 1 (Tdp1) Inhibition by Stereoisomeric Forms of Lipophilic Nucleosides: The Role of Carbohydrate Stereochemistry in Ligand-Enzyme Interactions. <i>Molecules</i> , 2022, 27, 2433.         | 1.7 | 2         |
| 46 | The pH-Dependent Channels Formed by Cauloside C. <i>Advances in Experimental Medicine and Biology</i> , 1996, 404, 239-249.   | 0.8 | 1         |
| 47 | Title is missing!. <i>Biology Bulletin</i> , 2003, 30, 287-290.   | 0.1 | 1         |
| 48 | A comparative analysis of the spatial structure of nonspecific porins from <i>Yersinia ruckeri</i> using optical spectroscopy and molecular modeling. <i>Biophysics (Russian Federation)</i> , 2016, 61, 851-859.   | 0.2 | 1         |
| 49 | Hemolytic Activity of Triterpene Glycosides from the Dendrochirotida Order Holothurian. <i>Advances in Experimental Medicine and Biology</i> , 1996, 404, 557-564.  | 0.8 | 0         |
| 50 | OmpC-like porin from outer membrane of <i>Yersinia enterocolitica</i> : Molecular structure and functional activity. <i>Biochemistry (Moscow)</i> , 2013, 78, 496-504.  | 0.7 | 0         |
| 51 | Study of effect of substitution of the penultimate amino acid residue on expression, structure, and functional properties of <i>Yersinia pseudotuberculosis</i> OmpY porin. <i>Biochemistry (Moscow)</i> , 2014, 79, 694-705.                                   | 0.7 | 0         |
| 52 | The impact of length variations in the L2 loop on the structure and thermal stability of non-specific porins: The case of OmpCs from the <i>Yersinia pseudotuberculosis</i> complex. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 515-525. | 1.4 | 0         |