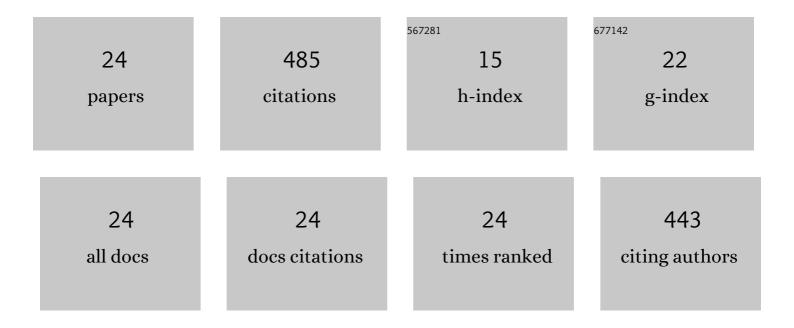
Pavel V Panteleev

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Mechanism of Action and Therapeutic Potential of the β-Hairpin Antimicrobial Peptide Capitellacin from the Marine Polychaeta Capitella teleta. Marine Drugs, 2022, 20, 167.	4.6	20
2	A Novel Proline-Rich Cathelicidin from the Alpaca Vicugna pacos with Potency to Combat Antibiotic-Resistant Bacteria: Mechanism of Action and the Functional Role of the C-Terminal Region. Membranes, 2022, 12, 515.	3.0	5
3	Dodecapeptide Cathelicidins of Cetartiodactyla: Structure, Mechanism of Antimicrobial Action, and Synergistic Interaction With Other Cathelicidins. Frontiers in Microbiology, 2021, 12, 725526.	3.5	4
4	Caprine Bactenecins as Promising Tools for Developing New Antimicrobial and Antitumor Drugs. Frontiers in Cellular and Infection Microbiology, 2020, 10, 552905.	3.9	12
5	Antimicrobial Peptide Arenicin-1 Derivative Ar-1-(C/A) as Complement System Modulator. Marine Drugs, 2020, 18, 631.	4.6	11
6	Structure Elucidation and Functional Studies of a Novel β-hairpin Antimicrobial Peptide from the Marine Polychaeta Capitella teleta. Marine Drugs, 2020, 18, 620.	4.6	16
7	Redesigning Arenicin-1, an Antimicrobial Peptide from the Marine Polychaeta Arenicola marina, by Strand Rearrangement or Branching, Substitution of Specific Residues, and Backbone Linearization or Cyclization. Marine Drugs, 2019, 17, 376.	4.6	28
8	Marine antimicrobial peptide arenicin adopts a monomeric twisted βâ€hairpin structure and forms low conductivity pores in zwitterionic lipid bilayers. Peptide Science, 2018, 110, e23093.	1.8	12
9	Comparative in vitro study on cytotoxicity of recombinant βâ€hairpin peptides. Chemical Biology and Drug Design, 2018, 91, 294-303.	3.2	30
10	Novel Antimicrobial Peptides from the Arctic Polychaeta Nicomache minor Provide New Molecular Insight into Biological Role of the BRICHOS Domain. Marine Drugs, 2018, 16, 401.	4.6	30
11	Anticancer Activity of the Goat Antimicrobial Peptide ChMAP-28. Frontiers in Pharmacology, 2018, 9, 1501.	3.5	19
12	Combined Antibacterial Effects of Goat Cathelicidins With Different Mechanisms of Action. Frontiers in Microbiology, 2018, 9, 2983.	3.5	24
13	Cytotoxic Potential of the Novel Horseshoe Crab Peptide Polyphemusin III. Marine Drugs, 2018, 16, 466.	4.6	26
14	Improved strategy for recombinant production and purification of antimicrobial peptide tachyplesin I and its analogs with high cell selectivity. Biotechnology and Applied Biochemistry, 2017, 64, 35-42.	3.1	29
15	Effect of Arenicins and Other β-Hairpin Antimicrobial Peptides on Pseudomonas Aeruginosa PAO1 Biofilms. Pharmaceutical Chemistry Journal, 2017, 50, 715-720.	0.8	8
16	Effect of N- and C-Terminal Modifications on Cytotoxic Properties of Antimicrobial Peptide Tachyplesin I. Bulletin of Experimental Biology and Medicine, 2017, 162, 754-757.	0.8	19
17	Analysis of Synergistic Effects of Antimicrobial Peptide Arenicin-1 and Conventional Antibiotics. Bulletin of Experimental Biology and Medicine, 2017, 162, 765-768.	0.8	14
18	Dimerization of the antimicrobial peptide arenicin plays a key role in the cytotoxicity but not in the antibacterial activity. Biochemical and Biophysical Research Communications, 2017, 482, 1320-1326.	2.1	26

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#	Article	IF	CITATIONS
19	Structural study of the β-hairpin marine antimicrobial peptide arenicin-2 in PC/PG lipid bilayers by fourier transform infrared spectroscopy. Russian Journal of Bioorganic Chemistry, 2017, 43, 502-508.	1.0	5
20	A Therapeutic Potential of Animal β-hairpin Antimicrobial Peptides. Current Medicinal Chemistry, 2017, 24, 1724-1746.	2.4	24
21	Bioengineering and functional characterization of arenicin shortened analogs with enhanced antibacterial activity and cell selectivity. Journal of Peptide Science, 2016, 22, 82-91.	1.4	22
22	Design of antimicrobial peptide arenicin analogs with improved therapeutic indices. Journal of Peptide Science, 2015, 21, 105-113.	1.4	48
23	Lipid-dependent pore formation by antimicrobial peptides arenicin-2 and melittin demonstrated by their proton transfer activity. Journal of Peptide Science, 2015, 21, 71-76.	1.4	12
24	Recombinant expression and solution structure of antimicrobial peptide aurelin from jellyfish Aurelia aurita. Biochemical and Biophysical Research Communications, 2012, 429, 63-69.	2.1	41