

# Pavel V Panteleev

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

485  
citations

567247

15  
h-index

677123

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

443  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of antimicrobial peptide arenicin analogs with improved therapeutic indices. <i>Journal of Peptide Science</i> , 2015, 21, 105-113.	1.4	48
2	Recombinant expression and solution structure of antimicrobial peptide aurelin from jellyfish <i>Aurelia aurita</i> . <i>Biochemical and Biophysical Research Communications</i> , 2012, 429, 63-69.	2.1	41
3	Comparative in vitro study on cytotoxicity of recombinant $\beta$ -hairpin peptides. <i>Chemical Biology and Drug Design</i> , 2018, 91, 294-303.	3.2	30
4	Novel Antimicrobial Peptides from the Arctic Polychaeta <i>Nicomache minor</i> Provide New Molecular Insight into Biological Role of the BRICHOS Domain. <i>Marine Drugs</i> , 2018, 16, 401.	4.6	30
5	Improved strategy for recombinant production and purification of antimicrobial peptide tachyplesin I and its analogs with high cell selectivity. <i>Biotechnology and Applied Biochemistry</i> , 2017, 64, 35-42.	3.1	29
6	Redesigning Arenicin-1, an Antimicrobial Peptide from the Marine Polychaeta <i>Arenicola marina</i> , by Strand Rearrangement or Branching, Substitution of Specific Residues, and Backbone Linearization or Cyclization. <i>Marine Drugs</i> , 2019, 17, 376.	4.6	28
7	Dimerization of the antimicrobial peptide arenicin plays a key role in the cytotoxicity but not in the antibacterial activity. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 1320-1326.	2.1	26
8	Cytotoxic Potential of the Novel Horseshoe Crab Peptide Polyphemusin III. <i>Marine Drugs</i> , 2018, 16, 466.	4.6	26
9	A Therapeutic Potential of Animal $\beta$ -hairpin Antimicrobial Peptides. <i>Current Medicinal Chemistry</i> , 2017, 24, 1724-1746.	2.4	24
10	Combined Antibacterial Effects of Goat Cathelicidins With Different Mechanisms of Action. <i>Frontiers in Microbiology</i> , 2018, 9, 2983.	3.5	24
11	Bioengineering and functional characterization of arenicin shortened analogs with enhanced antibacterial activity and cell selectivity. <i>Journal of Peptide Science</i> , 2016, 22, 82-91.	1.4	22
12	Mechanism of Action and Therapeutic Potential of the $\beta$ -Hairpin Antimicrobial Peptide Capitellacin from the Marine Polychaeta <i>Capitella teleta</i> . <i>Marine Drugs</i> , 2022, 20, 167.	4.6	20
13	Effect of N- and C-Terminal Modifications on Cytotoxic Properties of Antimicrobial Peptide Tachyplesin I. <i>Bulletin of Experimental Biology and Medicine</i> , 2017, 162, 754-757.	0.8	19
14	Anticancer Activity of the Goat Antimicrobial Peptide ChMAP-28. <i>Frontiers in Pharmacology</i> , 2018, 9, 1501.	3.5	19
15	Structure Elucidation and Functional Studies of a Novel $\beta$ -hairpin Antimicrobial Peptide from the Marine Polychaeta <i>Capitella teleta</i> . <i>Marine Drugs</i> , 2020, 18, 620.	4.6	16
16	Analysis of Synergistic Effects of Antimicrobial Peptide Arenicin-1 and Conventional Antibiotics. <i>Bulletin of Experimental Biology and Medicine</i> , 2017, 162, 765-768.	0.8	14
17	Lipid-dependent pore formation by antimicrobial peptides arenicin-2 and melittin demonstrated by their proton transfer activity. <i>Journal of Peptide Science</i> , 2015, 21, 71-76.	1.4	12
18	Marine antimicrobial peptide arenicin adopts a monomeric twisted $\beta$ -hairpin structure and forms low conductivity pores in zwitterionic lipid bilayers. <i>Peptide Science</i> , 2018, 110, e23093.	1.8	12

#	ARTICLE	IF	CITATIONS
19	Caprine Bactenecins as Promising Tools for Developing New Antimicrobial and Antitumor Drugs. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 552905.	3.9	12
20	Antimicrobial Peptide Arenicin-1 Derivative Ar-1-(C/A) as Complement System Modulator. <i>Marine Drugs</i> , 2020, 18, 631.	4.6	11
21	Effect of Arenicins and Other $\hat{\text{I}}^2$ -Hairpin Antimicrobial Peptides on <i>Pseudomonas Aeruginosa</i> PAO1 Biofilms. <i>Pharmaceutical Chemistry Journal</i> , 2017, 50, 715-720.	0.8	8
22	Structural study of the $\hat{\text{I}}^2$ -hairpin marine antimicrobial peptide arenicin-2 in PC/PG lipid bilayers by fourier transform infrared spectroscopy. <i>Russian Journal of Bioorganic Chemistry</i> , 2017, 43, 502-508.	1.0	5
23	A Novel Proline-Rich Cathelicidin from the Alpaca <i>Vicugna pacos</i> with Potency to Combat Antibiotic-Resistant Bacteria: Mechanism of Action and the Functional Role of the C-Terminal Region. <i>Membranes</i> , 2022, 12, 515.	3.0	5
24	Dodecapeptide Cathelicidins of <i>Cetartiodactyla</i> : Structure, Mechanism of Antimicrobial Action, and Synergistic Interaction With Other Cathelicidins. <i>Frontiers in Microbiology</i> , 2021, 12, 725526.	3.5	4