

# Javier Valle García

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

348  
citations

840776

11  
h-index

839539

18  
g-index

25  
all docs

25  
docs citations

25  
times ranked

546  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ribonucleases as a host-defence family: evidence of evolutionarily conserved antimicrobial activity at the N-terminus. <i>Biochemical Journal</i> , 2013, 456, 99-108.	3.7	56
2	The Generation of Antimicrobial Peptide Activity: A Trade-off between Charge and Aggregation?. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10686-10689.	13.8	55
3	siRNA-cell-penetrating peptides complexes as a combinatorial therapy against chronic myeloid leukemia using BV173 cell line as model. <i>Journal of Controlled Release</i> , 2017, 245, 127-136.	9.9	28
4	The mechanism of action of pepR, a viral-derived peptide, against <i>Staphylococcus aureus</i> biofilms. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 2617-2625.	3.0	23
5	To What Extent Do Fluorophores Bias the Biological Activity of Peptides? A Practical Approach Using Membrane-Active Peptides as Models. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 552035.	4.1	22
6	Human Albumin Impairs Amyloid $\beta$ -peptide Fibrillation Through its C-terminus: From docking Modeling to Protection Against Neurotoxicity in Alzheimer's disease. <i>Computational and Structural Biotechnology Journal</i> , 2019, 17, 963-971.	4.1	19
7	$\Delta$ PepH3, an Improved Peptide Shuttle for Receptor-independent Transport Across the Blood-Brain Barrier. <i>Current Pharmaceutical Design</i> , 2020, 26, 1495-1506.	1.9	17
8	Synthetic developmental regulator MciZ targets FtsZ across <i>Bacillus</i> species and inhibits bacterial division. <i>Molecular Microbiology</i> , 2019, 111, 965-980.	2.5	16
9	An optimized Fmoc synthesis of human defensin 5. <i>Amino Acids</i> , 2014, 46, 395-400.	2.7	14
10	Rationally Modified Antimicrobial Peptides from the N-Terminal Domain of Human RNase 3 Show Exceptional Serum Stability. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 11472-11482.	6.4	13
11	Conjugation of a Blood Brain Barrier Peptide Shuttle to an Fc Domain for Brain Delivery of Therapeutic Biomolecules. <i>ACS Medicinal Chemistry Letters</i> , 2021, 12, 1663-1668.	2.8	12
12	Decoding the human serum interactome of snake-derived antimicrobial peptide Ctn[15-34]: Toward an explanation for unusually long half-life. <i>Journal of Proteomics</i> , 2019, 204, 103372.	2.4	10
13	Tumor Cell Attack by Crotalicidin (Ctn) and Its Fragment Ctn[15-34]: Insights into Their Dual Membranolytic and Intracellular Targeting Mechanism. <i>ACS Chemical Biology</i> , 2020, 15, 2945-2957.	3.4	10
14	Development of Breast Cancer Spheroids to Evaluate Cytotoxic Response to an Anticancer Peptide. <i>Pharmaceutics</i> , 2021, 13, 1863.	4.5	10
15	Synthesis, Structure, and Activity of the Antifungal Plant Defensin <i>PvD1</i> . <i>Journal of Medicinal Chemistry</i> , 2020, 63, 9391-9402.	6.4	7
16	Estimating peptide half-life in serum from tunable, sequence-related physicochemical properties. <i>Clinical and Translational Science</i> , 2021, 14, 1349-1358.	3.1	7
17	Targeting Zika Virus with New Brain- and Placenta-Crossing Peptide-Porphyrin Conjugates. <i>Pharmaceutics</i> , 2022, 14, 738.	4.5	5
18	Structural similarities in the CPC clip motif explain peptide-binding promiscuity between glycosaminoglycans and lipopolysaccharides. <i>Journal of the Royal Society Interface</i> , 2017, 14, 20170423.	3.4	4

#	ARTICLE	IF	CITATIONS
19	Peptides Interfering 3A Protein Dimerization Decrease FMDV Multiplication. PLoS ONE, 2015, 10, e0141415.	2.5	4
20	Novel antimicrobial cecropins derived from <i>O. curvicornis</i> and <i>D. satanas</i> dung beetles. Peptides, 2021, 145, 170626.	2.4	3
21	The antimetastatic breast cancer activity of the viral proteinâ€derived peptide vCPP2319 as revealed by cellular biomechanics. FEBS Journal, 2022, 289, 1603-1624.	4.7	3
22	New Insect Host Defense Peptides (HDP) From Dung Beetle (Coleoptera: Scarabaeidae) Transcriptomes. Journal of Insect Science, 2021, 21, .	1.5	2
23	Unravelling the Mechanism of Action of Pepr, a Viral-Derived Membrane-Active Peptide, Against <i>Staphylococcus Aureus</i> Biofilms. Biophysical Journal, 2020, 118, 381a.	0.5	1