

# Javier Valle GarcÃ-a

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5644255/publications.pdf>

Version: 2024-02-01

23  
papers

348  
citations

949033

11  
h-index

939365

18  
g-index

25  
all docs

25  
docs citations

25  
times ranked

592  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | The antimetastatic breast cancer activity of the viral proteinâ€derived peptide vCPP2319 as revealed by cellular biomechanics. <i>FEBS Journal</i> , 2022, 289, 1603-1624.   | 2.2 | 3         |
| 2  | Targeting Zika Virus with New Brain- and Placenta-Crossing Peptideâ€Porphyrin Conjugates. <i>Pharmaceutics</i> , 2022, 14, 738.  | 2.0 | 5         |
| 3  | Estimating peptide halfâ€life in serum from tunable, sequenceâ€related physicochemical properties. <i>Clinical and Translational Science</i> , 2021, 14, 1349-1358.  | 1.5 | 7         |
| 4  | New Insect Host Defense Peptides (HDP) From Dung Beetle (Coleoptera: Scarabaeidae) Transcriptomes. <i>Journal of Insect Science</i> , 2021, 21, .  | 0.6 | 2         |
| 5  | 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.  | 2.9 | 13        |
| 6  | 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.   | 1.3 | 12        |
| 7  | Novel antimicrobial cecropins derived from <i>O. curvicornis</i> and <i>D. satanas</i> dung beetles. <i>Peptides</i> , 2021, 145, 170626.  | 1.2 | 3         |
| 8  | Development of Breast Cancer Spheroids to Evaluate Cytotoxic Response to an Anticancer Peptide. <i>Pharmaceutics</i> , 2021, 13, 1863.   | 2.0 | 10        |
| 9  | 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.                                | 2.0 | 22        |
| 10 | Tumor Cell Attack by Crotalicidin (Ctn) and Its Fragment Ctn[15â€34]: Insights into Their Dual Membranolytic and Intracellular Targeting Mechanism. <i>ACS Chemical Biology</i> , 2020, 15, 2945-2957.   | 1.6 | 10        |
| 11 | Synthesis, Structure, and Activity of the Antifungal Plant Defensin <i>PvD<sub>1</sub></i> . <i>Journal of Medicinal Chemistry</i> , 2020, 63, 9391-9402.  | 2.9 | 7         |
| 12 | Unravelling the Mechanism of Action of Pepr, a Viral-Derived Membrane-Active Peptide, Against <i>Staphylococcus Aureus</i> Biofilms. <i>Biophysical Journal</i> , 2020, 118, 381a.   | 0.2 | 1         |
| 13 | <i>D</i> PepH3, an Improved Peptide Shuttle for Receptor-independent Transport Across the Blood-Brain Barrier. <i>Current Pharmaceutical Design</i> , 2020, 26, 1495-1506.   | 0.9 | 17        |
| 14 | Human Albumin Impairs Amyloid Î²-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. | 1.9 | 19        |
| 15 | 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.   | 1.3 | 23        |
| 16 | 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.  | 1.2 | 10        |
| 17 | Synthetic developmental regulator MciZ targets FtsZ across <i>Bacillus</i> species and inhibits bacterial division. <i>Molecular Microbiology</i> , 2019, 111, 965-980.  | 1.2 | 16        |
| 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.                                      | 1.5 | 4         |

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|----|--|-----|-----------|
| 19 | 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. | 4.8 | 28        |
| 20 | Peptides Interfering 3A Protein Dimerization Decrease FMDV Multiplication. <i>PLoS ONE</i> , 2015, 10, e0141415.   | 1.1 | 4         |
| 21 | An optimized Fmoc synthesis of human defensin 5. <i>Amino Acids</i> , 2014, 46, 395-400.   | 1.2 | 14        |
| 22 | Ribonucleases as a host-defence family: evidence of evolutionarily conserved antimicrobial activity at the N-terminus. <i>Biochemical Journal</i> , 2013, 456, 99-108.                           | 1.7 | 56        |
| 23 | The Generation of Antimicrobial Peptide Activity: A Tradeoff between Charge and Aggregation?. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10686-10689.                          | 7.2 | 55        |