

# Valeria Cafaro

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5595775/publications.pdf>

Version: 2024-02-01

20  
papers

553  
citations

759233

12  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

810  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antimicrobial potency of cationic antimicrobial peptides can be predicted from their amino acid composition: Application to the detection of $\alpha$ -cryptic antimicrobial peptides. <i>Journal of Theoretical Biology</i> , 2017, 419, 254-265.	1.7	89
2	Identification of Novel Cryptic Multifunctional Antimicrobial Peptides from the Human Stomach Enabled by a Computational Experimental Platform. <i>ACS Synthetic Biology</i> , 2018, 7, 2105-2115.	3.8	63
3	The Marine Isolate <i>Novosphingobium</i> sp. PP1Y Shows Specific Adaptation to Use the Aromatic Fraction of Fuels as the Sole Carbon and Energy Source. <i>Microbial Ecology</i> , 2011, 61, 582-594.	2.8	57
4	<i>Methylobacterium populi</i> VP2: Plant Growth-Promoting Bacterium Isolated from a Highly Polluted Environment for Polycyclic Aromatic Hydrocarbon (PAH) Biodegradation. <i>Scientific World Journal</i> , The, 2014, 2014, 1-11.	2.1	54
5	A new cryptic cationic antimicrobial peptide from human apolipoprotein E with antibacterial activity and immunomodulatory effects on human cells. <i>FEBS Journal</i> , 2016, 283, 2115-2131.	4.7	54
6	Cost-effective production of recombinant peptides in <i>Escherichia coli</i> . <i>New Biotechnology</i> , 2019, 51, 39-48.	4.4	49
7	Rational Design of a Carrier Protein for the Production of Recombinant Toxic Peptides in <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2016, 11, e0146552.	2.5	39
8	Cryptic Antimicrobial Peptides: Identification Methods and Current Knowledge of their Immunomodulatory Properties. <i>Current Pharmaceutical Design</i> , 2018, 24, 1054-1066.	1.9	26
9	Membrane disintegration by the antimicrobial peptide (P)GKY20: lipid segregation and domain formation. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 3989-3998.	2.8	26
10	Antimicrobial peptide Temporin-L complexed with anionic cyclodextrins results in a potent and safe agent against sessile bacteria. <i>International Journal of Pharmaceutics</i> , 2020, 584, 119437.	5.2	19
11	Chemical Cleavage of an Asp-Cys Sequence Allows Efficient Production of Recombinant Peptides with an N-Terminal Cysteine Residue. <i>Bioconjugate Chemistry</i> , 2018, 29, 1373-1383.	3.6	16
12	Structural and functional insights into RHA-P, a bacterial GH106 $\alpha$ -L-rhamnosidase from <i>Novosphingobium</i> sp. PP1Y. <i>Archives of Biochemistry and Biophysics</i> , 2018, 648, 1-11.	3.0	13
13	Host defence peptides identified in human apolipoprotein B as promising antifungal agents. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 1953-1964.	3.6	13
14	Rapid Affinity Maturation of Novel Anti-PD-L1 Antibodies by a Fast Drop of the Antigen Concentration and FACS Selection of Yeast Libraries. <i>BioMed Research International</i> , 2019, 2019, 1-22.	1.9	9
15	<i>Novosphingobium</i> sp. PP1Y as a novel source of outer membrane vesicles. <i>Journal of Microbiology</i> , 2019, 57, 498-508.	2.8	6
16	Antimicrobial d-amino acid oxidase-derived peptides specify gut microbiota. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 3607-3620.	5.4	6
17	Transglutaminase-mediated crosslinking of a host defence peptide derived from human apolipoprotein B and its effect on the peptide antimicrobial activity. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021, 1865, 129803.	2.4	5
18	Enzymes as a Reservoir of Host Defence Peptides. <i>Current Topics in Medicinal Chemistry</i> , 2020, 20, 1310-1323.	2.1	5

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19	Human Cryptic Host Defence Peptide GVF27 Exhibits Anti-Infective Properties against Biofilm Forming Members of the Burkholderia cepacia Complex. <i>Pharmaceuticals</i> , 2022, 15, 260.	3.8	3
20	Environment-Sensitive Fluorescent Labelling of Peptides by Luciferin Analogues. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13312.	4.1	1