

# Rosa Gaglione

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8325705/publications.pdf>

Version: 2024-02-01

32  
papers

565  
citations

687363  
13  
h-index

677142  
22  
g-index

33  
all docs

33  
docs citations

33  
times ranked

686  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel human bioactive peptides identified in Apolipoprotein B: Evaluation of their therapeutic potential. <i>Biochemical Pharmacology</i> , 2017, 130, 34-50.	4.4	64
2	Screen Printed Based Impedimetric Immunosensor for Rapid Detection of Escherichia coli in Drinking Water. <i>Sensors</i> , 2020, 20, 274.	3.8	53
3	Cost-effective production of recombinant peptides in Escherichia coli. <i>New Biotechnology</i> , 2019, 51, 39-48.	4.4	49
4	Insights into the anticancer properties of the first antimicrobial peptide from Archaea. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 2155-2164.	2.4	29
5	Human apolipoprotein E as a reservoir of cryptic bioactive peptides: The case of ApoE 133â€167. <i>Journal of Peptide Science</i> , 2018, 24, e3095.	1.4	28
6	Effects of human antimicrobial cryptides identified in apolipoprotein B depend on specific features of bacterial strains. <i>Scientific Reports</i> , 2019, 9, 6728.	3.3	28
7	A new cryptic host defense peptide identified in human 11-hydroxysteroid dehydrogenase-1 ð-like: from in silico identification to experimental evidence. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 2342-2353.	2.4	26
8	Novel bioactive peptides from PD-L1/2, a type 1 ribosome inactivating protein from <i>Phytolacca dioica</i> L. Evaluation of their antimicrobial properties and anti-biofilm activities. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 1425-1435.	2.6	24
9	Unveiling Molecular Recognition of Sialoglycans by Human Siglec-10. <i>IScience</i> , 2020, 23, 101231.	4.1	24
10	Cryptides Identified in Human Apolipoprotein B as New Weapons to Fight Antibiotic Resistance in Cystic Fibrosis Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2049.	4.1	23
11	Synthetic Antibiotic Derived from Sequences Encrypted in a Protein from Human Plasma. <i>ACS Nano</i> , 2022, 16, 1880-1895.	14.6	23
12	Development and characterization of antimicrobial and antioxidant whey protein-based films functionalized with Pecan ( <i>Carya illinoensis</i> ) nut shell extract. <i>Food Packaging and Shelf Life</i> , 2021, 29, 100710.	7.5	20
13	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
14	Cell milieu significantly affects the fate of AApoAI amyloidogenic variants: predestination or serendipity?. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 377-384.	2.4	15
15	Tuning the Polymorphism of the Anti-VEGF G-rich V7t1 Aptamer by Covalent Dimeric Constructs. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1963.	4.1	13
16	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
17	Host defense peptides identified in human apolipoprotein B as novel food biopreservatives and active coating components. <i>Food Microbiology</i> , 2021, 99, 103804.	4.2	13
18	Host Defence Cryptides from Human Apolipoproteins: Applications in Medicinal Chemistry. <i>Current Topics in Medicinal Chemistry</i> , 2020, 20, 1324-1337.	2.1	13

#	ARTICLE	IF	CITATIONS
19	Impact of a Single Point Mutation on the Antimicrobial and Fibrillogenic Properties of Cryptides from Human Apolipoprotein B. <i>Pharmaceuticals</i> , 2021, 14, 631.	3.8	11
20	Toxicity and membrane perturbation properties of the ribotoxin-like protein Ageritin. <i>Journal of Biochemistry</i> , 2021, 170, 473-482.	1.7	10
21	Physicochemical and Antimicrobial Properties of Whey Protein-Based Films Functionalized with Palestinian <i>Satureja capitata</i> Essential Oil. <i>Coatings</i> , 2021, 11, 1364.	2.6	9
22	Fighting multidrug resistance with a fruit extract: anti-cancer and anti-biofilm activities of <i>Acca sellowiana</i> . <i>Natural Product Research</i> , 2021, 35, 1686-1689.	1.8	8
23	DNA Binding Mode Analysis of a Core-Extended Naphthalene Diimide as a Conformation-Sensitive Fluorescent Probe of G-Quadruplex Structures. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10624.	4.1	8
24	Edible Films Made of Dried Olive Leaf Extract and Chitosan: Characterization and Applications. <i>Foods</i> , 2022, 11, 2078.	4.3	8
25	Loading of Polydimethylsiloxane with a Human ApoB-Derived Antimicrobial Peptide to Prevent Bacterial Infections. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5219.	4.1	6
26	Insights into the interaction of the N-terminal amyloidogenic polypeptide of ApoA-I with model cellular membranes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 795-801.	2.4	5
27	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
28	Inflammation protein quantification by multiple reaction monitoring mass spectrometry in lipopolysaccharide-stimulated THP-1 cells. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9166.	1.5	5
29	Novel Retro-Inverso Peptide Antibiotic Efficiently Released by a Responsive Hydrogel-Based System. <i>Biomedicines</i> , 2022, 10, 1301.	3.2	5
30	Human Cryptic Host Defence Peptide GVF27 Exhibits Anti-Infective Properties against Biofilm Forming Members of the <i>Burkholderia cepacia</i> Complex. <i>Pharmaceuticals</i> , 2022, 15, 260.	3.8	3
31	Environment-Sensitive Fluorescent Labelling of Peptides by Luciferin Analogues. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13312.	4.1	1
32	Novel Antimicrobial Strategies to Prevent Biofilm Infections in Catheters after Radical Cystectomy: A Pilot Study. <i>Life</i> , 2022, 12, 802.	2.4	1