# Stefania Galdiero

List of Publications by Year
in descending order

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|---|---|---|---|
| 148 papers | 7,427 citations | 71102 41 h-index | 60623 81 g-index |
| 149 all docs | 149 docs citations | 149 times ranked | 10373 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Antifungal and Antibiofilm Activity of Cyclic Temporin L Peptide Analogues against Albicans and Non-Albicans Candida Species. Pharmaceutics, 2022, 14, 454. | 4.5 | 18 |
| 2 | WMR Peptide as Antifungal and Antibiofilm against Albicans and Non-Albicans Candida Species: Shreds of Evidence on the Mechanism of Action. International Journal of Molecular Sciences, 2022, 23, 2151. | 4.1 | 22 |
| 3 | Activity of Free and Liposome-Encapsulated Essential Oil from Lavandula angustifolia against Persister-Derived Biofilm of Candida auris. Antibiotics, 2022, 11, 26. | 3.7 | 24 |
| 4 | Competitiveness during Dual-Species Biofilm Formation of Fusarium oxysporum and Candida albicans and a Novel Treatment Strategy. Pharmaceutics, 2022, 14, 1167. | 4.5 | 13 |
| 5 | Peptides to Overcome the Limitations of Current Anticancer and Antimicrobial Nanotherapies. Pharmaceutics, 2022, 14, 1235. | 4.5 | 8 |
| 6 | Peptides and Dendrimers: How to Combat Viral and Bacterial Infections. Pharmaceutics, 2021, 13, 101. | 4.5 | 24 |
| 7 | Impact of the Peptide WMR-K on Dual-Species Biofilm Candida albicans/Klebsiella pneumoniae and on the Untargeted Metabolomic Profile. Pathogens, 2021, 10, 214. | 2.8 | 15 |
| 8 | Effect of the Combination of Levofloxacin with Cationic Carbosilane Dendron and Peptide in the Prevention and Treatment of Staphylococcus aureus Biofilms. Polymers, 2021, 13, 2127. | 4.5 | 12 |
| 9 | Engineering of Janus-Like Dendrimers with Peptides Derived from Glycoproteins of Herpes Simplex Virus Type 1: Toward a Versatile and Novel Antiviral Platform. International Journal of Molecular Sciences, 2021, 22, 6488. | 4.1 | 15 |
| 10 | First-in-Class Cyclic Temporin L Analogue: Design, Synthesis, and Antimicrobial Assessment. Journal of Medicinal Chemistry, 2021, 64, 11675-11694. | 6.4 | 24 |
| 11 | Identification and Characterization of a Rhodopsin Kinase Gene in the Suckers of Octopus vulgaris: Looking around Using Arms?. Biology, 2021, 10, 936. | 2.8 | 5 |
| 12 | The Membranotropic Peptide gH625 to Combat Mixed Candida albicans/Klebsiella pneumoniae Biofilm: Correlation between In Vitro Anti-Biofilm Activity and In Vivo Antimicrobial Protection. Journal of Fungi (Basel, Switzerland), 2021, 7, 26. | 3.5 | 21 |
| 13 | Antiviral Potential of Naphthoquinones Derivatives Encapsulated within Liposomes. Molecules, 2021, 26, 6440. | 3.8 | 5 |
| 14 | Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms, New Drugs, New Hopesâ€“6. Molecules, 2020, 25, 119. | 3.8 | 8 |
| 15 | Novel temporin L antimicrobial peptides: promoting self-assembling by lipidic tags to tackle superbugs. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 1751-1764. | 5.2 | 20 |
| 16 | A boost to the antiviral activity: Cholesterol tagged peptides derived from glycoprotein B of Herpes Simplex virus type I. International Journal of Biological Macromolecules, 2020, 162, 882-893. | 7.5 | 17 |
| 17 | Avidin Localizations in pH-Responsive Polymersomes for Probing the Docking of Biotinylated (Macro)molecules in the Membrane and Lumen. Biomacromolecules, 2020, 21, 5162-5172. | 5.4 | 20 |
| 18 | OctoPartenopin: Identification and Preliminary Characterization of a Novel Antimicrobial Peptide from the Suckers of Octopus vulgaris. Marine Drugs, 2020, 18, 380. | 4.6 | 15 |

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|---|---|---|---|
| 19 | <p>Ecotoxicity Evaluation of Pristine and Indolicidin-coated Silver Nanoparticles in Aquatic and Terrestrial Ecosystem</p>. International Journal of Nanomedicine, 2020, Volume 15, 8097-8108. | 6.7 | 15 |
| 20 | The world of cell penetrating: the future of medical applications. Future Medicinal Chemistry, 2020, 12, 1431-1446. | 2.3 | 21 |
| 21 | Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms, New Drugs, New Hopesâ€“7. Molecules, 2020, 25, 2968. | 3.8 | 5 |
| 22 | Quantum dots functionalized with gH625 attenuate QDs oxidative stress and lethality in Caenorhabditis elegans: a model system. Ecotoxicology, 2020, 29, 156-162. | 2.4 | 4 |
| 23 | Eradication of Candida albicans persister cell biofilm by the membranotropic peptide gH625. Scientific Reports, 2020, 10, 5780. | 3.3 | 40 |
| 24 | gH625 Cell-Penetrating Peptide Promotes the Endosomal Escape of Nanovectorized siRNA in a Triple-Negative Breast Cancer Cell Line. Biomacromolecules, 2019, 20, 3076-3086. | 5.4 | 20 |
| 25 | Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms, New Drugs, New Hopesâ€“5. Molecules, 2019, 24, 2415. | 3.8 | 5 |
| 26 | gH625-liposomes as tool for pituitary adenylate cyclase-activating polypeptide brain delivery. Scientific Reports, 2019, 9, 9183. | 3.3 | 20 |
| 27 | Beta-defensins and analogs in Helicobacter pylori infections: mRNA expression levels, DNA methylation, and antibacterial activity. PLoS ONE, 2019, 14, e0222295. | 2.5 | 26 |
| 28 | A New Hope: Self-Assembling Peptides with Antimicrobial Activity. Pharmaceutics, 2019, 11, 166. | 4.5 | 85 |
| 29 | Enhancing the Potency of Antimicrobial Peptides through Molecular Engineering and Self-Assembly. Biomacromolecules, 2019, 20, 1362-1374. | 5.4 | 75 |
| 30 | Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms, New Drugs, New Hopesâ€“4. Molecules, 2019, 24, 130. | 3.8 | 4 |
| 31 | HSV membrane glycoproteins, their function in viral entry and their use in vaccine studies. Amino Acids, Peptides and Proteins, 2019, , 14-43. | 0.7 | 10 |
| 32 | Membranotropic peptides mediating viral entry. Peptide Science, 2018, 110, e24040. | 1.8 | 13 |
| 33 | Metabolomic and oxidative effects of quantum dots-indolicidin on three generations of Daphnia magna. Aquatic Toxicology, 2018, 198, 158-164. | 4.0 | 21 |
| 34 | Genotoxicity of gold nanoparticles functionalized with indolicidin towards Saccharomyces cerevisiae. Journal of Environmental Sciences, 2018, 66, 138-145. | 6.1 | 29 |
| 35 | Polymicrobial antibiofilm activity of the membranotropic peptide gH625 and its analogue. Microbial Pathogenesis, 2018, 125, 189-195. | 2.9 | 33 |
| 36 | Enhanced uptake of gH625 by blood brain barrier compared to liver in vivo: characterization of the mechanism by an in vitro model and implications for delivery. Scientific Reports, 2018, 8, 13836. | 3.3 | 13 |

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| 37 | Formulation and in vitro evaluation of a siRNA delivery nanosystem decorated with gH625 peptide for triple negative breast cancer theranosis. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 131, 99-108. | 4.3 | 41 |
| 38 | Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms, New Drugs, New Hopes-3. Molecules, 2018, 23, 1596. | 3.8 | 1 |
| 39 | Efficiency of gold nanoparticles coated with the antimicrobial peptide indolicidin against biofilm formation and development of <em>Candida </em>spp. clinical isolates. Infection and Drug Resistance, 2018, Volume 11, 915-925. | 2.7 | 75 |
| 40 | Comparison Between Folic Acid and gH625 Peptide-Based Functionalization of Fe3O4 Magnetic Nanoparticles for Enhanced Cell Internalization. Nanoscale Research Letters, 2018, 13, 45. | 5.7 | 19 |
| 41 | Peptide chemistry encounters nanomedicine: recent applications and upcoming scenarios in cancer. Future Medicinal Chemistry, 2018, 10, 1877-1880. | 2.3 | 7 |
| 42 | Multigenerational effects and DNA alterations of QDs-Indolicidin on Daphnia magna. Environmental Pollution, 2017, 224, 597-605. | 7.5 | 30 |
| 43 | Generation effect of Newkome dendrimers on cellular uptake. Polymer, 2017, 113, 67-73. | 3.8 | 4 |
| 44 | Infectivity inhibition by overlapping synthetic peptides derived from the gH/gL heterodimer of herpes simplex virus type 1. Journal of Peptide Science, 2017, 23, 311-319. | 1.4 | 18 |
| 45 | Synthesis and in vitro evaluation of fluorescent and magnetic nanoparticles functionalized with a cell penetrating peptide for cancer theranosis. Journal of Colloid and Interface Science, 2017, 499, 209-217. | 9.4 | 48 |
| 46 | Antimicrobial peptides at work: interaction of myxinidin and its mutant WMR with lipid bilayers mimicking the P. aeruginosa and E. coli membranes. Scientific Reports, 2017, 7, 44425. | 3.3 | 43 |
| 47 | Dimerization in tailoring uptake efficacy of the HSV-1 derived membranotropic peptide gH625. Scientific Reports, 2017, 7, 9434. | 3.3 | 17 |
| 48 | The intriguing journey of gH625-dendrimers. RSC Advances, 2017, 7, 9106-9114. | 3.6 | 7 |
| 49 | Cyclic Peptides as Novel Therapeutic Microbicides: Engineering of Human Defensin Mimetics. Molecules, 2017, 22, 1217. | 3.8 | 78 |
| 50 | Function Oriented Molecular Design: Dendrimers as Novel Antimicrobials. Molecules, 2017, 22, 1581. | 3.8 | 49 |
| 51 | Peptide-Based Drugs and Drug Delivery Systems. Molecules, 2017, 22, 2185. | 3.8 | 17 |
| 52 | <em>Daphnia magna</em> and<em> Xenopus laevis</em> as in vivo models to probe toxicity and uptake of quantum dots functionalized with gH625. International Journal of Nanomedicine, 2017, Volume 12, 2717-2731. | 6.7 | 38 |
| 53 | Metal nanoparticles: The protective nanoshield against virus infection. Critical Reviews in Microbiology, 2016, 42, 46-56. | 6.1 | 218 |
| 54 | An integrated study on antimicrobial activity and ecotoxicity of quantum dots and quantum dots coated with the antimicrobial peptide indolicidin. International Journal of Nanomedicine, 2016, Volume 11, 4199-4211. | 6.7 | 62 |

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| 55 | Influenza virus infections: clinical update, molecular biology, and therapeutic options. , 2016, , 1-32. | | 2 |
| 56 | Marine Antimicrobial Peptides: Nature Provides Templates for the Design of Novel Compounds against Pathogenic Bacteria. International Journal of Molecular Sciences, 2016, 17, 785. | 4.1 | 119 |
| 57 | An ancestral host defence peptide within human Î²-defensin 3 recapitulates the antibacterial and antiviral activity of the full-length molecule. Scientific Reports, 2016, 5, 18450. | 3.3 | 35 |
| 58 | Liposome armed with herpes virus-derived gH625 peptide to overcome doxorubicin resistance in lung adenocarcinoma cell lines. Oncotarget, 2016, 7, 4077-4092. | 1.8 | 25 |
| 59 | Nanocarriers Conjugated with Cell Penetrating Peptides: New Trojan Horses by Modern Ulysses. Current Pharmaceutical Biotechnology, 2016, 17, 700-722. | 1.6 | 12 |
| 60 | A trans-kingdom antimicrobial peptide targeting cystic fibrosis pathogens. Journal of Genetic Syndromes & Gene Therapy, 2016, 7, . | 0.2 | 0 |
| 61 | The identification of a novel Sulfolobus islandicus CAMP-like peptide points to archaeal microorganisms as cell factories for the production of antimicrobial molecules. Microbial Cell Factories, 2015, 14, 126. | 4.0 | 24 |
| 62 | Design and activity of a cyclic mini-β-defensin analog: a novel antimicrobial tool. International Journal of Nanomedicine, 2015, 10, 6523. | 6.7 | 30 |
| 63 | Membranotropic Cell Penetrating Peptides: The Outstanding Journey. International Journal of Molecular Sciences, 2015, 16, 25323-25337. | 4.1 | 63 |
| 64 | Peptide gH625 enters into neuron and astrocyte cell lines and crosses the blood–brain barrier in rats. International Journal of Nanomedicine, 2015, 10, 1885. | 6.7 | 34 |
| 65 | Silver Nanoparticles as Potential Antibacterial Agents. Molecules, 2015, 20, 8856-8874. | 3.8 | 1,212 |
| 66 | Investigating the inclusion properties of aromatic amino acids complexing beta-cyclodextrins in model peptides. Amino Acids, 2015, 47, 2215-2227. | 2.7 | 79 |
| 67 | Tumorâ€activated prodrug (TAP)â€conjugated nanoparticles with cleavable domains for safe doxorubicin delivery. Biotechnology and Bioengineering, 2015, 112, 601-611. | 3.3 | 24 |
| 68 | Membranotropic Peptide-Functionalized Poly(lactide)-graft-poly(ethylene glycol) Brush Copolymers for Intracellular Delivery. Macromolecules, 2015, 48, 942-949. | 4.8 | 23 |
| 69 | Integrated analysis of the ecotoxicological and genotoxic effects of the antimicrobial peptide melittin on Daphnia magna and Pseudokirchneriella subcapitata. Environmental Pollution, 2015, 203, 145-152. | 7.5 | 22 |
| 70 | Liposomal doxorubicin doubly functionalized with CCK8 and R8 peptide sequences for selective intracellular drug delivery. Journal of Peptide Science, 2015, 21, 415-425. | 1.4 | 19 |
| 71 | Quantitative and qualitative effect of gH625 on the nanoliposome-mediated delivery of mitoxantrone anticancer drug to HeLa cells. International Journal of Pharmaceutics, 2015, 488, 59-66. | 5.2 | 32 |
| 72 | Surface decoration with gH625-membranotropic peptides as a method to escape the endo-lysosomal compartment and reduce nanoparticle toxicity. Nanotechnology, 2015, 26, 415101. | 2.6 | 14 |

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| 73 | Fusion of raft-like lipid bilayers operated by a membranotropic domain of the HSV-type I glycoprotein gH occurs through a cholesterol-dependent mechanism. Soft Matter, 2015, 11, 3003-3016. | 2.7 | 50 |
| 74 | gH625: A milestone in understanding the many roles of membranotropic peptides. Biochimica Et Biophysica Acta - Biomembranes, 2015, 1848, 16-25. | 2.6 | 51 |
| 75 | Antimicrobial Peptides as an Opportunity Against Bacterial Diseases. Current Medicinal Chemistry, 2015, 22, 1665-1677. | 2.4 | 72 |
| 76 | Broad-spectrum bioactivities of silver nanoparticles: the emerging trends and future prospects. Applied Microbiology and Biotechnology, 2014, 98, 1951-1961. | 3.6 | 341 |
| 77 | Silver Nanoparticles: Therapeutical Uses, Toxicity, and Safety Issues. Journal of Pharmaceutical Sciences, 2014, 103, 1931-1944. | 3.3 | 398 |
| 78 | Exploitation of viral properties for intracellular delivery. Journal of Peptide Science, 2014, 20, 468-478. | 1.4 | 27 |
| 79 | Silver Nanoparticles as Novel Antibacterial and Antiviral Agents. Frontiers in Nanobiomedical Research, 2014, , 565-594. | 0.1 | 18 |
| 80 | Structural Insights into and Activity Analysis of the Antimicrobial Peptide Myxinidin. Antimicrobial Agents and Chemotherapy, 2014, 58, 5280-5290. | 3.2 | 54 |
| 81 | Elucidation of the Interaction Mechanism with Liposomes of gH625-Peptide Functionalized Dendrimers. PLoS ONE, 2014, 9, e112128. | 2.5 | 24 |
| 82 | MicroRNA 199b-5p delivery through stable nucleic acid lipid particles (SNALPs) in tumorigenic cell lines. Naunyn-Schmiedeberg's Archives of Pharmacology, 2013, 386, 287-302. | 3.0 | 30 |
| 83 | Peptide inhibitors against herpes simplex virus infections. Journal of Peptide Science, 2013, 19, 148-158. | 1.4 | 57 |
| 84 | Conformational Modifications of gB from Herpes Simplex Virus Type 1 Analyzed by Synthetic Peptides. Journal of Medicinal Chemistry, 2013, 56, 8366-8376. | 6.4 | 12 |
| 85 | Cholesterol modulates the fusogenic activity of a membranotropic domain of the FIV glycoprotein gp36. Soft Matter, 2013, 9, 6442. | 2.7 | 25 |
| 86 | Shuttleâ€Mediated Nanoparticle Delivery to the Bloodâ€“Brain Barrier. Small, 2013, 9, 853-862. | 10.0 | 87 |
| 87 | Chimeric Beta-Defensin Analogs, Including the Novel 3NI Analog, Display Salt-Resistant Antimicrobial Activity and Lack Toxicity in Human Epithelial Cell Lines. Antimicrobial Agents and Chemotherapy, 2013, 57, 1701-1708. | 3.2 | 33 |
| 88 | Peptide-Lipid Interactions: Experiments and Applications. International Journal of Molecular Sciences, 2013, 14, 18758-18789. | 4.1 | 86 |
| 89 | Dendrimers functionalized with membrane-interacting peptides for viral inhibition. International Journal of Nanomedicine, 2013, 8, 521. | 6.7 | 30 |
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| 91 | Review of a viral peptide nanosystem for intracellular delivery. Journal of Nanophotonics, 2013, 7, 071599. | 1.0 | 11 |
| 92 | Drug Delivery: Shuttleâ€Mediated Nanoparticle Delivery to the Bloodâ€“Brain Barrier (Small 6/2013). Small, 2013, 9, 806-806. | 10.0 | 2 |
| 93 | gH625 is a viral derived peptide for effective delivery of intrinsically disordered proteins. International Journal of Nanomedicine, 2013, 8, 2555. | 6.7 | 20 |
| 94 | Antiviral activity of mycosynthesized silver nanoparticles against herpes simplex virus and human parainfluenza virus type 3. International Journal of Nanomedicine, 2013, 8, 4303. | 6.7 | 215 |
| 95 | Microbe-Host Interactions: Structure and Role of Gram-Negative Bacterial Porins. Current Protein and Peptide Science, 2012, 13, 843-854. | 1.4 | 152 |
| 96 | A viral peptide for intracellular delivery. , 2012, , . | | 0 |
| 97 | Intracellular Delivery: Exploiting Viral Membranotropic Peptides. Current Drug Metabolism, 2012, 13, 93-104. | 1.2 | 40 |
| 98 | Activation of monocytic cells by immunostimulatory lipids conjugated to peptide antigens. Molecular BioSystems, 2012, 8, 3166. | 2.9 | 2 |
| 99 | Dendrimer Functionalization with a Membraneâ€Interacting Domain of Herpes Simplex Virus Typeâ€…1: Towards Intracellular Delivery. Chemistry - A European Journal, 2012, 18, 13678-13685. | 3.3 | 64 |
| 100 | Structure and Orientation of the gH625â€“644 Membrane Interacting Region of Herpes Simplex Virus Type 1 in a Membrane Mimetic System. Biochemistry, 2012, 51, 3121-3128. | 2.5 | 34 |
| 101 | NF-Î°B as a potential therapeutic target in microbial diseases. Molecular BioSystems, 2012, 8, 1108. | 2.9 | 44 |
| 102 | Biophysical Characterization and Membrane Interaction of the Two Fusion Loops of Glycoprotein B from Herpes Simplex Type I Virus. PLoS ONE, 2012, 7, e32186. | 2.5 | 36 |
| 103 | Peptides complementary to the active loop of porin P2 from Haemophilus influenzae modulate its activity. International Journal of Nanomedicine, 2012, 7, 2361. | 6.7 | 15 |
| 104 | Mapping key interactions in the dimerization process of HBHA from Mycobacterium tuberculosis, insights into bacterial agglutination. FEBS Letters, 2012, 586, 659-667. | 2.8 | 15 |
| 105 | Silver Nanoparticles as Potential Antiviral Agents. Molecules, 2011, 16, 8894-8918. | 3.8 | 731 |
| 106 | Lipid composition modulates the interaction of peptides deriving from herpes simplex virus type I glycoproteins B and H with biomembranes. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 2517-2526. | 2.6 | 22 |
| 107 | Enforcing the positive charge of N-termini enhances membrane interaction and antitumor activity of bovine seminal ribonuclease. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 3007-3015. | 2.6 | 20 |
| 108 | A peptide derived from herpes simplex virus type 1 glycoprotein H: membrane translocation and applications to the delivery of quantum dots. Nanomedicine: Nanotechnology, Biology, and Medicine, 2011, 7, 925-934. | 3.3 | 73 |

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| 109 | Clickable Functionalization of Liposomes with the gH625 Peptide from Herpes simplex Virus Typeâ€...I for Intracellular Drug Delivery. Chemistry - A European Journal, 2011, 17, 12659-12668. | 3.3 | 57 |
| 110 | Viral Fusion Peptides Induce Several Signal Transduction Pathway Activations That Are Essential for Interleukin-10 and Beta-Interferon Production. Intervirology, 2010, 53, 381-389. | 2.8 | 3 |
| 111 | The Presence of a Single N-terminal Histidine Residue Enhances the Fusogenic Properties of a Membranotropic Peptide Derived from Herpes Simplex Virus Type 1 Glycoprotein H. Journal of Biological Chemistry, 2010, 285, 17123-17136. | 3.4 | 49 |
| 112 | Novel Synthetic, Salt-Resistant Analogs of Human Beta-Defensins 1 and 3 Endowed with Enhanced Antimicrobial Activity. Antimicrobial Agents and Chemotherapy, 2010, 54, 2312-2322. | 3.2 | 102 |
| 113 | Proteomic Analysis of Human U937 Cell Line Activation Mediated byHaemophilus influenzaeType b P2 Porin and Its Surface-Exposed Loop 7. Journal of Proteome Research, 2010, 9, 1050-1062. | 3.7 | 23 |
| 114 | Role of membranotropic sequences from herpes simplex virus type I glycoproteins B and H in the fusion process. Biochimica Et Biophysica Acta - Biomembranes, 2010, 1798, 579-591. | 2.6 | 44 |
| 115 | Membrane Fusion and Fission: Enveloped Viruses. Protein and Peptide Letters, 2009, 16, 751-759. | 0.9 | 42 |
| 116 | Editorial [Hot Topic: Developments in Membrane Fusion (Guest Editor: Stefania Galdiero)]. Protein and Peptide Letters, 2009, 16, 711-711. | 0.9 | 4 |
| 117 | Pathophysiological changes of gram-negative bacterial infection can be reproduced by a synthetic peptide mimicking loop L7 sequence of Haemophilus influenzae porin. Microbes and Infection, 2008, 10, 657-663. | 1.9 | 5 |
| 118 | The Identification and Characterization of Fusogenic Domains in Herpes Virus Glycoprotein B Molecules. ChemBioChem, 2008, 9, 758-767. | 2.6 | 46 |
| 119 | Conformational analysis by NMR and distance geometry techniques of a peptide mimetic of the third helix of the Antennapedia homeodomain*. Chemical Biology and Drug Design, 2008, 65, 200-208. | 1.1 | 0 |
| 120 | Peptides containing membrane-interacting motifs inhibit herpes simplex virus type 1 infectivity. Peptides, 2008, 29, 1461-1471. | 2.4 | 47 |
| 121 | Analysis of a Membrane Interacting Region of Herpes Simplex Virus Type 1 Glycoprotein H. Journal of Biological Chemistry, 2008, 283, 29993-30009. | 3.4 | 47 |
| 122 | β-Barrel Membrane Bacterial Proteins: Structure, Function, Assembly and Interaction with Lipids. Current Protein and Peptide Science, 2007, 8, 63-82. | 1.4 | 61 |
| 123 | Evidence for a Role of the Membrane-Proximal Region of Herpes Simplex Virus Type 1 Glycoprotein H in Membrane Fusion and Virus Inhibition. ChemBioChem, 2007, 8, 885-895. | 2.6 | 53 |
| 124 | Structural Requirements for Proinflammatory Activity of Porin P2 Loop 7 from Haemophilus influenzae. Biochemistry, 2006, 45, 4491-4501. | 2.5 | 17 |
| 125 | Synthesis of Non-linear Potential Vaccines for HSV-1. , 2006, , 601-602. | | 0 |
| 126 | Synthesis, conformation, and bioactivity of novel analogues of the antiviral lipopeptide halovir A. Journal of Peptide Science, 2006, 12, 748-757. | 1.4 | 8 |

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| 127 | Analysis of synthetic peptides from heptad-repeat domains of herpes simplex virus type 1 glycoproteins H and B. Journal of General Virology, 2006, 87, 1085-1097. | 2.9 | 52 |
| 128 | Fusogenic Domains in Herpes Simplex Virus Type 1 Glycoprotein H. Journal of Biological Chemistry, 2005, 280, 28632-28643. | 3.4 | 94 |
| 129 | Induction of signaling pathways by herpes simplex virus type 1 through glycoprotein H peptides. Biopolymers, 2004, 76, 494-502. | 2.4 | 9 |
| 130 | High resolution crystallographic studies of Î±-hemolysin-phospholipid complexes define heptamer-lipid head group interactions: Implication for understanding protein-lipid interactions. Protein Science, 2004, 13, 1503-1511. | 7.6 | 74 |
| 131 | Eukaryotic cell signaling and transcriptional activation induced by bacterial porins. FEMS Microbiology Letters, 2003, 226, 57-64. | 1.8 | 21 |
| 132 | An Integrated Structural and Computational Study of the Thermostability of Two Thioredoxin Mutants from Alicyclobacillus acidocaldarius. Journal of Bacteriology, 2003, 185, 4285-4289. | 2.2 | 8 |
| 133 | Role of Surface-Exposed Loops of Haemophilus influenzae Protein P2 in the Mitogen-Activated Protein Kinase Cascade. Infection and Immunity, 2003, 71, 2798-2809. | 2.2 | 38 |
| 134 | Porins from Salmonella enterica Serovar Typhimurium Activate the Transcription Factors Activating Protein 1 and NF-Î°B through the Raf-1-Mitogen-Activated Protein Kinase Cascade. Infection and Immunity, 2002, 70, 558-568. | 2.2 | 45 |
| 135 | The crystal structure of Afc-containing peptides. Biopolymers, 2000, 53, 150-160. | 2.4 | 14 |
| 136 | A snapshot of a transition state analogue of a novel thermophilic esterase belonging to the subfamily of mammalian hormone-sensitive lipase 1 1Edited by D. Rees. Journal of Molecular Biology, 2000, 303, 761-771. | 4.2 | 128 |
| 137 | Crystallographic Studies of Thioredoxins fromBacillus acidocaldarius. Acta Crystallographica Section A: Foundations and Advances, 2000, 56, s241-s241. | 0.3 | 0 |
| 138 | Crystallization and preliminary X-ray diffraction studies of the carboxylesterase EST2 from Alicyclobacillus acidocaldarius. Acta Crystallographica Section D: Biological Crystallography, 1999, 55, 1348-1349. | 2.5 | 14 |
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| 140 | The crystal structure of Î±â€thrombinâ€hirunorm IV complex reveals a novel specificity site recognition mode. Protein Science, 1999, 8, 91-95. | 7.6 | 11 |
| 141 | Hirunorms are true hirudin mimetics. The crystal structure of human Î±â€thrombinâ€hirunorm V complex. Protein Science, 1998, 7, 243-253. | 7.6 | 17 |
| 142 | Multiple binding mode of reversible synthetic thrombin inhibitors. A comparative structural analysis. Biological Chemistry, 1998, 379, 987-1006. | 2.5 | 7 |
| 143 | Conformational characterization of peptides rich in the cycloaliphatic CÎ±,Î±-disubstituted glycine 1-amino-cyclononane-1-carboxylic acid. Journal of Peptide Science, 1997, 3, 367-382. | 1.4 | 11 |
| 144 | Synthesis and structural characterization of 6I,6II-diamino-6I,6II-dideoxy-cyclomaltoheptaose, a difunctionalized Î²-cyclodextrin. Carbohydrate Research, 1996, 282, 41-52. | 2.3 | 23 |

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| 145 | Functionalized cyclodextrins: Synthesis and structural characterization of 6-deoxy-6-{4-[N-tert-butoxycarbonyl-2-aminoethyl]-imidazolyl}-cyclomaltoheptaose. Supramolecular Chemistry, 1996, 7, 47-54. | 1.2 | 19 |
| 146 | Inversion of 310-helix screw sense in a (D-Î±Me)Leu homotetrapeptide induced by a guestD-(Î±Me)val residue. Journal of Peptide Science, 1995, 1, 396-402. | 1.4 | 3 |
| 147 | Septic Shock by Gram-Negative Infections: Role of Outer Membrane Proteins. , 0, , . | | 2 |
| 148 | Emerging therapeutic agents on the basis of naturally occurring antimicrobial peptides. Amino Acids, Peptides and Proteins, 0, , 190-227. | 0.7 | 9 |