# Wieslaw Swietnicki

List of Publications by Year
in descending order



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|---|---|---|---|
| 33 papers | 2,396 citations | 361413 20 h-index | 434195 31 g-index |
| 33 all docs | 33 docs citations | 33 times ranked | 2164 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Crystal structure of the human prion protein reveals a mechanism for oligomerization. Nature Structural Biology, 2001, 8, 770-774. | 9.7 | 474 |
| 2 | pH-dependent Stability and Conformation of the Recombinant Human Prion Protein PrP(90â€“231). Journal of Biological Chemistry, 1997, 272, 27517-27520. | 3.4 | 239 |
| 3 | Membrane Environment Alters the Conformational Structure of the Recombinant Human Prion Protein. Journal of Biological Chemistry, 1999, 274, 36859-36865. | 3.4 | 230 |
| 4 | Aggregation and Fibrillization of the Recombinant Human Prion Protein huPrP90â˜231. Biochemistry, 2000, 39, 424-431. | 2.5 | 216 |
| 5 | Familial Mutations and the Thermodynamic Stability of the Recombinant Human Prion Protein. Journal of Biological Chemistry, 1998, 273, 31048-31052. | 3.4 | 176 |
| 6 | The Prion Protein Has RNA Binding and Chaperoning Properties Characteristic of Nucleocapsid Protein NCp7 of HIV-1. Journal of Biological Chemistry, 2001, 276, 19301-19309. | 3.4 | 163 |
| 7 | Solution Structure of the E200K Variant of Human Prion Protein. Journal of Biological Chemistry, 2000, 275, 33650-33654. | 3.4 | 120 |
| 8 | The prion protein has DNA strand transfer properties similar to retroviral nucleocapsid protein 1 1Edited by J. Karn. Journal of Molecular Biology, 2001, 307, 1011-1021. | 4.2 | 118 |
| 9 | Identification of an epitope in the C terminus of normal prion protein whose expression is modulated by binding events in the N terminus 1 1Edited by F. Cohen. Journal of Molecular Biology, 2000, 301, 567-573. | 4.2 | 110 |
| 10 | Hepatitis A virus 3C proteinase substrate specificity. Biochemistry, 1992, 31, 7862-7869. | 2.5 | 75 |
| 11 | Identification of Small-Molecule Inhibitors of Yersinia pestis Type III Secretion System YscN ATPase. PLoS ONE, 2011, 6, e19716. | 2.5 | 64 |
| 12 | Folding aggregated proteins into functionally active forms. Current Opinion in Biotechnology, 2006, 17, 367-372. | 6.6 | 50 |
| 13 | Vitamin D analogs combined with 5-fluorouracil in human HT-29 colon cancer treatment. Oncology Reports, 2014, 32, 491-504. | 2.6 | 41 |
| 14 | Yersinia pestis Yop secretion protein F: Purification, characterization, and protective efficacy against bubonic plague. Protein Expression and Purification, 2005, 42, 166-172. | 1.3 | 34 |
| 15 | KBTBD13 interacts with Cullin 3 to form a functional ubiquitin ligase. Biochemical and Biophysical Research Communications, 2012, 421, 743-749. | 2.1 | 34 |
| 16 | Novel Protein-Protein Interactions of the Yersinia pestis Type III Secretion System Elucidated with a Matrix Analysis by Surface Plasmon Resonance and Mass Spectrometry. Journal of Biological Chemistry, 2004, 279, 38693-38700. | 3.4 | 32 |
| 17 | Review of Potential Pseudomonas Weaponry, Relevant to the Pseudomonasâ€“Aspergillus Interplay, for the Mycology Community. Journal of Fungi (Basel, Switzerland), 2020, 6, 81. | 3.5 | 32 |
| 18 | PrPC has nucleic acid chaperoning properties similar to the nucleocapsid protein of HIV-1. Comptes Rendus - Biologies, 2002, 325, 17-23. | 0.2 | 29 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Thermodynamic Stabilization of the Folded Domain of Prion Protein Inhibits Prion Infection inÂVivo. Cell Reports, 2013, 4, 248-254. | 6.4 | 28 |
| 20 | A Yersinia pestisYscN ATPase mutant functions as a live attenuated vaccine against bubonic plague in mice. FEMS Microbiology Letters, 2012, 332, 113-121. | 1.8 | 23 |
| 21 | Analysis of Proteinase Specificity by Studies of Peptide Substrates: The Use of UV and Fluorescence Spectroscopy to Quantitate Rates of Enzymatic Cleavage. , 1994, 36, 225-244. | | 21 |
| 22 | Zinc Binding and Dimerization of Streptococcus pyogenes Pyrogenic Exotoxin C Are Not Essential for T-cell Stimulation. Journal of Biological Chemistry, 2003, 278, 9885-9895. | 3.4 | 20 |
| 23 | Metallacarborane Derivatives Effective against Pseudomonas aeruginosa and Yersinia enterocolitica. International Journal of Molecular Sciences, 2021, 22, 6762. | 4.1 | 17 |
| 24 | Design of small molecule inhibitors of type III secretion system ATPase EscN from enteropathogenic Escherichia coli.. Acta Biochimica Polonica, 2017, 64, 49-63. | 0.5 | 16 |
| 25 | Identification of a potent inhibitor of type II secretion system from Pseudomonas aeruginosa. Biochemical and Biophysical Research Communications, 2019, 513, 688-693. | 2.1 | 11 |
| 26 | Yersinia pestis YopD 150â€“287 fragment is partially unfolded in the native state. Protein Expression and Purification, 2008, 58, 53-60. | 1.3 | 7 |
| 27 | Fv structure of monoclonal antibody II-481 against herpes simplex virus Fc gamma-binding glycoprotein gE contains immunodominant complementarity determining region epitopes that react with human immunoglobulin M rheumatoid factors.. Journal of Experimental Medicine, 1994, 180, 1873-1888. | 8.5 | 5 |
| 28 | Dihydrolipoamide Acetyltransferase AceF Influences the Type III Secretion System and Resistance to Oxidative Stresses through RsmY/Z in Pseudomonas aeruginosa. Microorganisms, 2022, 10, 666. | 3.6 | 4 |
| 29 | Identification of small molecule compounds active against Staphylococcus aureus and Proteus mirabilis. Biochemical and Biophysical Research Communications, 2018, 506, 1047-1051. | 2.1 | 3 |
| 30 | In silico analysis of bacteriophage tail tubular proteins suggests a putative sugar binding site and a catalytic mechanism. Journal of Molecular Graphics and Modelling, 2019, 92, 8-16. | 2.4 | 2 |
| 31 | Prediction of Selected Biosynthetic Pathways for the Lipopolysaccharide Components in Porphyromonas gingivalis. Pathogens, 2021, 10, 374. | 2.8 | 1 |
| 32 | Secretory System Components as Potential Prophylactic Targets for Bacterial Pathogens. Biomolecules, 2021, 11, 892. | 4.0 | 1 |
| 33 | Model systems to study a superantigen-induced disease: Toxic shock syndrome. Drug Discovery Today: Disease Models, 2006, 3, 121-126. | 1.2 | 0 |