

# Gunna Christiansen

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

2,068  
citations

218592

26  
h-index

254106

43  
g-index

59  
all docs

59  
docs citations

59  
times ranked

2859  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Multiple Protective Roles of Nanoliposome-incorporated Baicalein against Alpha-Synuclein Aggregates. <i>Advanced Functional Materials</i> , 2021, 31, 2007765.  | 7.8 | 14        |
| 2  | Analysis of complement deposition and processing on <i>Chlamydia trachomatis</i> . <i>Medical Microbiology and Immunology</i> , 2021, 210, 13-32.   | 2.6 | 8         |
| 3  | RGD peptide-mediated liposomal curcumin targeted delivery to breast cancer cells. <i>Journal of Biomaterials Applications</i> , 2021, 35, 743-753.  | 1.2 | 47        |
| 4  | Complement mediated <i>Klebsiella pneumoniae</i> capsule changes. <i>Microbes and Infection</i> , 2020, 22, 19-30.  | 1.0 | 19        |
| 5  | Novel noscapine derivatives stabilize the native state of insulin against fibrillation. <i>International Journal of Biological Macromolecules</i> , 2020, 147, 98-108.  | 3.6 | 15        |
| 6  | Mass-Spectrometry Based Proteome Comparison of Extracellular Vesicle Isolation Methods: Comparison of ME-kit, Size-Exclusion Chromatography, and High-Speed Centrifugation. <i>Biomedicines</i> , 2020, 8, 246.         | 1.4 | 43        |
| 7  | Proteomic analysis of synovial fluid from rheumatic arthritis and spondyloarthritis patients. <i>Clinical Proteomics</i> , 2020, 17, 29.  | 1.1 | 27        |
| 8  | Inhibitors of $\alpha$ -Synuclein Fibrillation and Oligomer Toxicity in <i>Rosa damascena</i> : The All-Pervading Powers of Flavonoids and Phenolic Glycosides. <i>ACS Chemical Neuroscience</i> , 2020, 11, 3161-3173. | 1.7 | 15        |
| 9  | Osonophagocytosis of <i>Chlamydia pneumoniae</i> by Human Monocytes and Neutrophils. <i>Infection and Immunity</i> , 2020, 88, .  | 1.0 | 9         |
| 10 | Bacterial amphiphiles as amyloid inducers: Effect of Rhamnolipid and Lipopolysaccharide on FapC fibrillation. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2019, 1867, 140263.                      | 1.1 | 23        |
| 11 | Plant Polyphenols Inhibit Functional Amyloid and Biofilm Formation in <i>Pseudomonas</i> Strains by Directing Monomers to Off-Pathway Oligomers. <i>Biomolecules</i> , 2019, 9, 659.                                    | 1.8 | 30        |
| 12 | A Possible Connection Between Plant Longevity and the Absence of Protein Fibrillation: Basis for Identifying Aggregation Inhibitors in Plants. <i>Frontiers in Plant Science</i> , 2019, 10, 148.                       | 1.7 | 13        |
| 13 | The serine protease HtrA1 cleaves misfolded transforming growth factor $\beta$ -induced protein (TGFBIp) and induces amyloid formation. <i>Journal of Biological Chemistry</i> , 2019, 294, 11817-11828.                | 1.6 | 11        |
| 14 | Mechanistic Understanding of the Interactions between Nano-Objects with Different Surface Properties and $\alpha$ -Synuclein. <i>ACS Nano</i> , 2019, 13, 3243-3256.  | 7.3 | 51        |
| 15 | Reducing the Amyloidogenicity of Functional Amyloid Protein FapC Increases Its Ability To Inhibit $\alpha$ -Synuclein Fibrillation. <i>ACS Omega</i> , 2019, 4, 4029-4039.  | 1.6 | 26        |
| 16 | Oleuropein derivatives from olive fruit extracts reduce $\alpha$ -synuclein fibrillation and oligomer toxicity. <i>Journal of Biological Chemistry</i> , 2019, 294, 4215-4232.  | 1.6 | 55        |
| 17 | <i>Pseudomonas aeruginosa</i> rhamnolipid induces fibrillation of human $\alpha$ -synuclein and modulates its effect on biofilm formation. <i>FEBS Letters</i> , 2018, 592, 1484-1496.                                  | 1.3 | 9         |
| 18 | The potential of zwitterionic nanoliposomes against neurotoxic alpha-synuclein aggregates in Parkinson's Disease. <i>Nanoscale</i> , 2018, 10, 9174-9185.   | 2.8 | 29        |

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|----|---|-----|-----------|
| 19 | Formulation and anti-neurotoxic activity of baicalein-incorporating neutral nanoliposome. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 161, 578-587.   | 2.5 | 36        |
| 20 | The Sheaths of <i>Methanospirillum</i> Are Made of a New Type of Amyloid Protein. <i>Frontiers in Microbiology</i> , 2018, 9, 2729.   | 1.5 | 13        |
| 21 | Protein Engineering Reveals Mechanisms of Functional Amyloid Formation in <i>Pseudomonas aeruginosa</i> Biofilms. <i>Journal of Molecular Biology</i> , 2018, 430, 3751-3763.   | 2.0 | 44        |
| 22 | Complement C3 opsonization of <i>Chlamydia trachomatis</i> facilitates uptake in human monocytes. <i>Microbes and Infection</i> , 2018, 20, 328-336.  | 1.0 | 10        |
| 23 | Proteome Analysis of Rheumatoid Arthritis Gut Mucosa. <i>Journal of Proteome Research</i> , 2017, 16, 346-354.  | 1.8 | 48        |
| 24 | Gallic acid loaded onto polyethylenimine-coated human serum albumin nanoparticles (PEI-HSA-GA NPs) stabilizes $\alpha$ -synuclein in the unfolded conformation and inhibits aggregation. <i>RSC Advances</i> , 2016, 6, 85312-85323.                  | 1.7 | 21        |
| 25 | A Complex Dance: The Importance of Glycosaminoglycans and Zinc in the Aggregation of Human Prolactin. <i>Biochemistry</i> , 2016, 55, 3674-3684.  | 1.2 | 11        |
| 26 | Reclassification of <i>Alteromonas fuliginea</i> (Romanenko et al. 1995) as <i>Pseudoalteromonas fuliginea</i> comb. nov. and an emended description. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 3737-3742. | 0.8 | 8         |
| 27 | Functional bacterial amyloid increases <i>Pseudomonas</i> biofilm hydrophobicity and stiffness. <i>Frontiers in Microbiology</i> , 2015, 6, 1099.   | 1.5 | 133       |
| 28 | Neutrophil Extracellular Traps in Ulcerative Colitis. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 2052-2067.   | 0.9 | 131       |
| 29 | Fibril Core of Transforming Growth Factor Beta-Induced Protein (TGFB1p) Facilitates Aggregation of Corneal TGFB1p. <i>Biochemistry</i> , 2015, 54, 2943-2956.   | 1.2 | 19        |
| 30 | Strong interactions with polyethylenimine-coated human serum albumin nanoparticles (PEI-HSA NPs) alter $\alpha$ -synuclein conformation and aggregation kinetics. <i>Nanoscale</i> , 2015, 7, 19627-19640.  | 2.8 | 29        |
| 31 | How Epigallocatechin Gallate Can Inhibit $\alpha$ -Synuclein Oligomer Toxicity in Vitro. <i>Journal of Biological Chemistry</i> , 2014, 289, 21299-21310.   | 1.6 | 172       |
| 32 | Human Phenotypically Distinct TGFB1 Corneal Dystrophies Are Linked to the Stability of the Fourth FAS1 Domain of TGFB1p. <i>Journal of Biological Chemistry</i> , 2011, 286, 4951-4958.   | 1.6 | 55        |
| 33 | Molecular design of <i>Mycoplasma hominis</i> Vaa adhesin. <i>Protein Science</i> , 2009, 10, 2577-2586.  | 3.1 | 19        |
| 34 | Interleukin-1 is the initiator of Fallopian tube destruction during <i>Chlamydia trachomatis</i> infection. <i>Cellular Microbiology</i> , 2007, 9, 2795-2803.  | 1.1 | 128       |
| 35 | Proteomics and Anti- <i>Chlamydia</i> Vaccine Discovery. , 2005, , 267-283.   |     | 0         |
| 36 | Is a <i>Chlamydia</i> vaccine a reality?. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2002, 16, 889-900.   | 1.4 | 12        |

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|----|--|-----|-----------|
| 37 | Comparative proteome analysis of <i>Chlamydia trachomatis</i> serovar A, D and L2. , 2002, 2, 164.   |     | 1         |
| 38 | FimH-mediated autoaggregation of <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 2001, 41, 1419-1430.  | 1.2 | 84        |
| 39 | Proteome analysis of the <i>Chlamydia pneumoniae</i> elementary body. <i>Electrophoresis</i> , 2001, 22, 1204-1223.  | 1.3 | 104       |
| 40 | Proteome analysis of the <i>Chlamydia pneumoniae</i> elementary body. , 2001, 22, 1204.  |     | 2         |
| 41 | Differential expression of Pmp10 in cell culture infected with <i>Chlamydia pneumoniae</i> CWL029. <i>FEMS Microbiology Letters</i> , 2001, 203, 153-159.  | 0.7 | 1         |
| 42 | Cloning, sequencing and variability analysis of the gap gene from <i>Mycoplasma hominis</i> . <i>FEMS Microbiology Letters</i> , 2000, 183, 15-21.   | 0.7 | 10        |
| 43 | Mapping and identification of HeLa cell proteins separated by immobilized pH-gradient two-dimensional gel electrophoresis and construction of a two-dimensional polyacrylamide gel electrophoresis database. <i>Electrophoresis</i> , 1999, 20, 977-983. | 1.3 | 29        |
| 44 | The <i>Mycoplasma hominis</i> <i>vaagene</i> displays a mosaic gene structure. <i>Molecular Microbiology</i> , 1998, 29, 97-110.   | 1.2 | 28        |
| 45 | The <i>Mycoplasma hominis</i> P120 membrane protein contains a 216 amino acid hypervariable domain that is recognized by the human humoral immune response. <i>Microbiology (United Kingdom)</i> , 1997, 143, 675-688.                                   | 0.7 | 24        |
| 46 | Authentic display of a cholera toxin epitope by chimeric type 1 fimbriae: effects of insert position and host background. <i>Microbiology (United Kingdom)</i> , 1997, 143, 2027-2038.   | 0.7 | 52        |
| 47 | Characterization of <i>Chlamydia trachomatis</i> L2-induced tyrosine-phosphorylated HeLa cell proteins by two-dimensional gel electrophoresis. <i>Electrophoresis</i> , 1997, 18, 563-567.   | 1.3 | 34        |
| 48 | Mapping of <i>Chlamydia trachomatis</i> proteins by Immobililine-polyacrylamide two-dimensional electrophoresis: Spot identification by N-terminal sequencing and immunoblotting. <i>Electrophoresis</i> , 1996, 17, 185-190.                            | 1.3 | 60        |
| 49 | Purification of recombinant <i>Chlamydia trachomatis</i> histone H1-like protein Hc2, and comparative functional analysis of Hc2 and Hc1. <i>Molecular Microbiology</i> , 1996, 20, 295-311.   | 1.2 | 27        |
| 50 | Physiological responses of <i>Pseudomonas putida</i> KT2442 to phosphate starvation. <i>Microbiology (United Kingdom)</i> , 1996, 142, 155-163.  | 0.7 | 33        |
| 51 | Induction of phospholipase- and flagellar synthesis in <i>Serratia liquefaciens</i> is controlled by expression of the flagellar master operon <i>flhD</i> . <i>Molecular Microbiology</i> , 1995, 15, 445-454.  | 1.2 | 96        |
| 52 | Characterization of a <i>Mycoplasma hominis</i> gene encoding lysyl-tRNA synthetase (LysRS). <i>FEMS Microbiology Letters</i> , 1994, 116, 277-282.  | 0.7 | 5         |
| 53 | Interaction of the <i>Chlamydia trachomatis</i> histone H1-like protein (Hc1) with DNA and RNA causes repression of transcription and translation in vitro. <i>Molecular Microbiology</i> , 1994, 11, 1085-1098.   | 1.2 | 32        |
| 54 | <i>Chlamydia trachomatis</i> MipA-like protein. <i>Molecular Microbiology</i> , 1992, 6, 2539-2548.  | 1.2 | 50        |

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|----|--|-----|-----------|
| 55 | Detection of <i>Chlamydia</i> in postmortal formalin-fixed tissue. <i>Apmis</i> , 1989, 97, 68-74.   | 0.9 | 6         |
| 56 | Extrachromosomal Deoxyribonucleic Acid in Different Enterobacteria. <i>Journal of Bacteriology</i> , 1973, 114, 367-377.   | 1.0 | 24        |
| 57 | Repetitive DNA in Yeasts. <i>Nature: New Biology</i> , 1971, 231, 176-177.   | 4.5 | 33        |
| 58 | Mapping and identification of interferon gammaregulated HeLa cell proteins separated by immobilized pH gradient two-dimensional gel electrophoresis. , 0, , 404-413. |     | 0         |