# Jean-Paul Noben

List of Publications by Year
in descending order



| 105 | 4,197 | 109137 | 133063 |
|---|---|---|---|
| papers | citations | 35 h-index | 59 g-index |

| 108 | 108 | 108 | 5610 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Proteomics Investigations of Drug-Induced Hepatotoxicity in HepG2 Cells. Toxicological Sciences, 2011, 120, 109-122. | 1.4 | 175 |
| 2 | T4-Related Bacteriophage LIMEstone Isolates for the Control of Soft Rot on Potato Caused by â€˜Dickeya solaniâ€™. PLoS ONE, 2012, 7, e33227. | 1.1 | 169 |
| 3 | Leaf proteome responses of Arabidopsis thaliana exposed to mild cadmium stress. Journal of Plant Physiology, 2010, 167, 247-254. | 1.6 | 155 |
| 4 | The T7-Related Pseudomonas putida Phage Ï†15 Displays Virion-Associated Biofilm Degradation Properties. PLoS ONE, 2011, 6, e18597. | 1.1 | 147 |
| 5 | Development of Giant Bacteriophage Ï•KZ Is Independent of the Host Transcription Apparatus. Journal of Virology, 2014, 88, 10501-10510. | 1.5 | 144 |
| 6 | Proteomic analysis of cerebrospinal fluid from multiple sclerosis patients. Proteomics, 2004, 4, 2117-2124. | 1.3 | 140 |
| 7 | Profiling of the secreted proteins during 3T3-L1 adipocyte differentiation leads to the identification of novel adipokines. Cellular and Molecular Life Sciences, 2004, 61, 2405-17. | 2.4 | 135 |
| 8 | Copper-Adapted Suillus luteus , a Symbiotic Solution for Pines Colonizing Cu Mine Spoils. Applied and Environmental Microbiology, 2005, 71, 7279-7284. | 1.4 | 121 |
| 9 | The Metabolic Landscape of Lung Cancer: New Insights in a Disturbed Glucose Metabolism. Frontiers in Oncology, 2019, 9, 1215. | 1.3 | 97 |
| 10 | Microbiological and Molecular Assessment of Bacteriophage ISP for the Control of Staphylococcus aureus. PLoS ONE, 2011, 6, e24418. | 1.1 | 92 |
| 11 | Molecular and physiological analysis of three Pseudomonas aeruginosa phages belonging to the â€œN4-like virusesâ€• Virology, 2010, 405, 26-30. | 1.1 | 86 |
| 12 | Identification of EPS-degrading activity within the tail spikes of the novel Pseudomonas putida phage AF. Virology, 2012, 434, 251-256. | 1.1 | 86 |
| 13 | Characterization of Novel Bacteriophages for Biocontrol of Bacterial Blight in Leek Caused by Pseudomonas syringae pv. porri. Frontiers in Microbiology, 2016, 7, 279. | 1.5 | 86 |
| 14 | A proposed integrated approach for the preclinical evaluation of phage therapy in Pseudomonas infections. Scientific Reports, 2016, 6, 28115. | 1.6 | 86 |
| 15 | Comparative analysis of the widespread and conserved PB1â€like viruses infecting Pseudomonas aeruginosa. Environmental Microbiology, 2009, 11, 2874-2883. | 1.8 | 85 |
| 16 | Glutamine Addiction and Therapeutic Strategies in Lung Cancer. International Journal of Molecular Sciences, 2019, 20, 252. | 1.8 | 82 |
| 17 | Characterization of Newly Isolated Lytic Bacteriophages Active against Acinetobacter baumannii. PLoS ONE, 2014, 9, e104853. | 1.1 | 80 |
| 18 | Romulus and Remus, Two Phage Isolates Representing a Distinct Clade within the Twortlikevirus Genus, Display Suitable Properties for Phage Therapy Applications. Journal of Virology, 2013, 87, 3237-3247. | 1.5 | 79 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Proteomic analysis of core breakdown disorder in Conference pears (Pyrus communis L.). Proteomics, 2007, 7, 2083-2099. | 1.3 | 74 |
| 20 | Lumbar Cerebrospinal Fluid Proteome in Multiple Sclerosis:Â Characterization by Ultrafiltration, Liquid Chromatography, and Mass Spectrometry. Journal of Proteome Research, 2006, 5, 1647-1657. | 1.8 | 71 |
| 21 | The structural proteome of Pseudomonas aeruginosa bacteriophage Ï•KMV. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Overlock | 0.7 | 63 |
| 22 | Functional Analysis and Antivirulence Properties of a New Depolymerase from a Myovirus That Infects Acinetobacter baumannii Capsule K45. Journal of Virology, 2019, 93, . | 1.5 | 58 |
| 23 | Treatment of missing values for multivariate statistical analysis of gelâ€based proteomics data. Proteomics, 2008, 8, 1371-1383. | 1.3 | 56 |
| 24 | Physiological implications of controlled atmosphere storage of â€˜Conferenceâ€™ pears (Pyrus communis) Tj ETQq0 0 0 rgBT /Overlock | 2.9 | 55 |
| 25 | Systematic Identification of Hypothetical Bacteriophage Proteins Targeting Key Protein Complexes of Pseudomonas aeruginosa. Journal of Proteome Research, 2014, 13, 4446-4456. | 1.8 | 54 |
| 26 | Identification and Analysis of a Novel Group of Bacteriophages Infecting the Lactic Acid Bacterium Streptococcus thermophilus. Applied and Environmental Microbiology, 2016, 82, 5153-5165. | 1.4 | 53 |
| 27 | Identification of Novel Human Adipocyte Secreted Proteins by Using SGBS Cells. Journal of Proteome Research, 2010, 9, 5389-5401. | 1.8 | 52 |
| 28 | Leukemia inhibitory factor induces an antiapoptotic response in oligodendrocytes through Aktâ€phosphorylation and upâ€regulation of 14â€3â€3. Proteomics, 2008, 8, 1237-1247. | 1.3 | 50 |
| 29 | The intron-containing genome of the lytic Pseudomonas phage LUZ24 resembles the temperate phage PaP3. Virology, 2008, 377, 233-238. | 1.1 | 50 |
| 30 | Novel N4-Like Bacteriophages of Pectobacterium atrosepticum. Pharmaceuticals, 2018, 11, 45. | 1.7 | 49 |
| 31 | The Physiologic Effects of Caloric Restriction Are Reflected in the in Vivo Adipocyte-Enriched Proteome of Overweight/Obese Subjects. Journal of Proteome Research, 2009, 8, 5532-5540. | 1.8 | 48 |
| 32 | Identification and comparative analysis of the structural proteomes of Ï•KZ and EL, two giant Pseudomonas aeruginosa bacteriophages. Proteomics, 2009, 9, 3215-3219. | 1.3 | 47 |
| 33 | Structural elucidation of a novel mechanism for the bacteriophage-based inhibition of the RNA degradosome. ELife, 2016, 5, . | 2.8 | 47 |
| 34 | Supersize me: Cronobacter sakazakii phage GAP32. Virology, 2014, 460-461, 138-146. | 1.1 | 46 |
| 35 | Relapsing-remitting multiple sclerosis patients display an altered lipoprotein profile with dysfunctional HDL. Scientific Reports, 2017, 7, 43410. | 1.6 | 45 |
| 36 | Things Are Getting Hairy: Enterobacteria Bacteriophage vB_PcaM_CBB. Frontiers in Microbiology, 2017, 8, 44. | 1.5 | 40 |

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|---|---|---|---|
| 37 | Metabolic profiling of type 1 diabetes mellitus in children and adolescents: a caseâ€“control study. Diabetology and Metabolic Syndrome, 2017, 9, 48. | 1.2 | 38 |
| 38 | An efficient protocol towards site-specifically clickable nanobodies in high yield: cytoplasmic expression inEscherichia colicombined with intein-mediated protein ligation. Protein Engineering, Design and Selection, 2015, 28, 351-363. | 1.0 | 33 |
| 39 | Survey of Pseudomonas aeruginosa and its phages: de novo peptide sequencing as a novel tool to assess the diversity of worldwide collected viruses. Environmental Microbiology, 2009, 11, 1303-1313. | 1.8 | 32 |
| 40 | Resveratrol-Induced Changes of the Human Adipocyte Secretion Profile. Journal of Proteome Research, 2012, 11, 4733-4743. | 1.8 | 32 |
| 41 | Cross-linking versus RAGE: How do high molecular weight advanced glycation products induce cardiac dysfunction?. International Journal of Cardiology, 2016, 210, 100-108. | 0.8 | 32 |
| 42 | Integrative omics analysis of <scp>Pseudomonas aeruginosa</scp> virus PA5oct highlights the molecular complexity of jumbo phages. Environmental Microbiology, 2020, 22, 2165-2181. | 1.8 | 32 |
| 43 | Novel Phage Group Infecting Lactobacillus delbrueckii subsp. lactis, as Revealed by Genomic and Proteomic Analysis of Bacteriophage Ldl1. Applied and Environmental Microbiology, 2015, 81, 1319-1326. | 1.4 | 31 |
| 44 | Identification of Protein Networks Involved in the Disease Course of Experimental Autoimmune Encephalomyelitis, an Animal Model of Multiple Sclerosis. PLoS ONE, 2012, 7, e35544. | 1.1 | 31 |
| 45 | Protein profiling of 3T3-L1 adipocyte differentiation and (tumor necrosis factor ?-mediated) starvation. Cellular and Molecular Life Sciences, 2005, 62, 492-503. | 2.4 | 29 |
| 46 | Differential expression of equine muscle biopsy proteins during normal training and intensified training in young standardbred horses using proteomics technology. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2010, 5, 55-64. | 0.4 | 29 |
| 47 | Arginine deficiency in preconfluent intestinal Caco-2 cells modulates expression of proteins involved in proliferation, apoptosis, and heat shock response. Proteomics, 2007, 7, 565-577. | 1.3 | 28 |
| 48 | A comparative proteome analysis reveals flagellin, chemotaxis regulated proteins and amylovoran to be involved in virulence differences between Erwinia amylovora strains. Journal of Proteomics, 2015, 123, 54-69. | 1.2 | 28 |
| 49 | Global Survey and Genome Exploration of Bacteriophages Infecting the Lactic Acid Bacterium Streptococcus thermophilus. Frontiers in Microbiology, 2017, 8, 1754. | 1.5 | 27 |
| 50 | A high-performance liquid chromatography/tandem mass spectrometric screening method for eight synthetic corticosteroids in bovine feces and the simultaneous differentiation between dexamethasone and betamethasone. Rapid Communications in Mass Spectrometry, 2002, 16, 1590-1594. | 0.7 | 24 |
| 51 | Hypoxia-mimetic effects in the secretome of human preadipocytes and adipocytes. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2013, 1834, 2761-2771. | 1.1 | 24 |
| 52 | Direct profiling of myelinated and demyelinated regions in mouse brain by imaging mass spectrometry. International Journal of Mass Spectrometry, 2007, 260, 185-194. | 0.7 | 23 |
| 53 | Genome and proteome analysis of 7-7-1, a flagellotropic phage infecting Agrobacterium sp H13-3. Virology Journal, 2012, 9, 102. | 1.4 | 23 |
| 54 | Molecular Characterization of Three Lactobacillus delbrueckii subsp. bulgaricus Phages. Applied and Environmental Microbiology, 2014, 80, 5623-5635. | 1.4 | 23 |

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| 55 | Impact of differently modified nanocrystalline diamond on the growth of neuroblastoma cells. New Biotechnology, 2015, 32, 7-12. | 2.4 | 23 |
| 56 | Characterization and genomic analyses of two newly isolated Morganella phages define distant members among Tevenvirinae and Autographivirinae subfamilies. Scientific Reports, 2017, 7, 46157. | 1.6 | 23 |
| 57 | Biocidal Inactivation of Lactococcus lactis Bacteriophages: Efficacy and Targets of Commonly Used Sanitizers. Frontiers in Microbiology, 2017, 8, 107. | 1.5 | 23 |
| 58 | Larger Than Life: Isolation and Genomic Characterization of a Jumbo Phage That Infects the Bacterial Plant Pathogen, Agrobacterium tumefaciens. Frontiers in Microbiology, 2018, 9, 1861. | 1.5 | 23 |
| 59 | Isolation and Characterization of Lactobacillus brevis Phages. Viruses, 2019, 11, 393. | 1.5 | 22 |
| 60 | Phage S144, a New Polyvalent Phage Infecting Salmonella spp. and Cronobacter sakazakii. International Journal of Molecular Sciences, 2020, 21, 5196. | 1.8 | 22 |
| 61 | A Tailspike with Exopolysaccharide Depolymerase Activity from a New Providencia stuartii Phage Makes Multidrug-Resistant Bacteria Susceptible to Serum-Mediated Killing. Applied and Environmental Microbiology, 2020, 86, . | 1.4 | 22 |
| 62 | Identification of metabolic phenotypes in childhood obesity by <sup>1</sup>H NMR metabolomics of blood plasma. Future Science OA, 2018, 4, FSO310. | 0.9 | 21 |
| 63 | Isolation and Characterization of Pectobacterium Phage vB_PatM_CB7: New Insights into the Genus Certrevirus. Antibiotics, 2020, 9, 352. | 1.5 | 21 |
| 64 | Variability of polymorphic families of three types of xylanase inhibitors in the wheat grain proteome. Proteomics, 2008, 8, 1692-1705. | 1.3 | 20 |
| 65 | Calorie restriction-induced changes in the secretome of human adipocytes, comparison with resveratrol-induced secretome effects. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2014, 1844, 1511-1522. | 1.1 | 20 |
| 66 | Metabolic reprogramming of Pseudomonas aeruginosa by phage-based quorum sensing modulation. Cell Reports, 2022, 38, 110372. | 2.9 | 20 |
| 67 | Screening for Drug-Induced Hepatotoxicity in Primary Mouse Hepatocytes Using Acetaminophen, Amiodarone, and Cyclosporin A as Model Compounds: An Omics-Guided Approach. OMICS A Journal of Integrative Biology, 2013, 17, 71-83. | 1.0 | 19 |
| 68 | Problems inherent to a meta-analysis of proteomics data: A case study on the plants' response to Cd in different cultivation conditions. Journal of Proteomics, 2014, 108, 30-54. | 1.2 | 19 |
| 69 | Gel-free analysis of the human brain proteome: Application of liquid chromatography and mass spectrometry on biopsy and autopsy samples. Proteomics, 2006, 6, 4967-4977. | 1.3 | 18 |
| 70 | A proteome analysis of the response of a Pseudomonas aeruginosa oxyR mutant to iron limitation. BioMetals, 2011, 24, 523-532. | 1.8 | 18 |
| 71 | Characterization of mature rat oligodendrocytes: a proteomic approach. Journal of Neurochemistry, 2007, 102, 562-576. | 2.1 | 17 |
| 72 | Analysis of the photosynthetic apparatus in transgenic tobacco plants with altered endogenous cytokinin content: a proteomic study. Proteome Science, 2011, 9, 33. | 0.7 | 17 |

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|---|---|---|---|
| 73 | Metabolite profiling and peptidoglycan analysis of transient cell wallâ€deficient bacteria in a new <scp>E</scp>scherichia coli model system. Environmental Microbiology, 2015, 17, 1586-1599. | 1.8 | 17 |
| 74 | Metabolites of 4-chlorotestosterone acetate in cattle urine as diagnostic markers for its illegal use. Biomedical Applications, 1994, 654, 43-54. | 1.7 | 16 |
| 75 | The potential of bacteriophages to control Xanthomonas campestris pv. campestris at different stages of disease development. Microbial Biotechnology, 2022, 15, 1762-1782. | 2.0 | 16 |
| 76 | Dermal Interstitial Alterations in Patients With Heart Failure and Reduced Ejection Fraction. Circulation: Heart Failure, 2018, 11, e004763. | 1.6 | 15 |
| 77 | The bacteriophage LUZ24 â€œlgyâ€•peptide inhibits the Pseudomonas DNA gyrase. Cell Reports, 2021, 36, 109567. | 2.9 | 15 |
| 78 | A validated inductively coupled plasma mass spectrometry (ICP-MS) method for the quantification of total platinum content in plasma, plasma ultrafiltrate, urine and peritoneal fluid. Journal of Pharmaceutical and Biomedical Analysis, 2018, 152, 39-46. | 1.4 | 14 |
| 79 | Identification of coroninâ€1a as a novel antibody target for clinically isolated syndrome and multiple sclerosis. Journal of Neurochemistry, 2013, 126, 483-492. | 2.1 | 13 |
| 80 | A Lytic Providencia rettgeri Virus of Potential Therapeutic Value Is a Deep-Branching Member of the T5virus Genus. Applied and Environmental Microbiology, 2017, 83, . | 1.4 | 13 |
| 81 | A carcinogenic trigger to study the function of tumor suppressor genes in Schmidtea mediterranea. DMM Disease Models and Mechanisms, 2018, 11, . | 1.2 | 13 |
| 82 | Characterization of a new podovirus infecting Paenibacillus larvae. Scientific Reports, 2019, 9, 20355. | 1.6 | 13 |
| 83 | Structural Analysis of Jumbo Coliphage phAPEC6. International Journal of Molecular Sciences, 2020, 21, 3119. | 1.8 | 13 |
| 84 | Proteomic analysis of rat tibialis anterior muscles at different stages of experimental autoimmune myasthenia gravis. Journal of Neuroimmunology, 2013, 261, 141-145. | 1.1 | 12 |
| 85 | Viral interference of the bacterial RNA metabolism machinery. RNA Biology, 2017, 14, 6-10. | 1.5 | 12 |
| 86 | Identification of Dual Receptor Binding Protein Systems in Lactococcal 936 Group Phages. Viruses, 2018, 10, 668. | 1.5 | 12 |
| 87 | The Baseplate of Lactobacillus delbrueckii Bacteriophage Ld17 Harbors a Glycerophosphodiesterase. Journal of Biological Chemistry, 2016, 291, 16816-16827. | 1.6 | 11 |
| 88 | Identification of a novel glyoxylate reductase supports phylogeny-based enzymatic substrate specificity prediction. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2007, 1774, 1092-1098. | 1.1 | 10 |
| 89 | Virulence ofErwinia amylovora, a prevalent apple pathogen: Outer membrane proteins and type III secreted effectors increase fitness and compromise plant defenses. Proteomics, 2016, 16, 2377-2390. | 1.3 | 10 |
| 90 | Fire blight host-pathogen interaction: proteome profiles of Erwinia amylovora infecting apple rootstocks. Scientific Reports, 2018, 8, 11689. | 1.6 | 10 |

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| 91 | The in planta proteome of wild type strains of the fire blight pathogen, Erwinia amylovora. Journal of Proteomics, 2016, 139, 1-12. | 1.2 | 9 |
| 92 | Biodiversity and Classification of Phages Infecting Lactobacillus brevis. Frontiers in Microbiology, 2019, 10, 2396. | 1.5 | 9 |
| 93 | A Quest of Great Importance-Developing a Broad Spectrum Escherichia coli Phage Collection. Viruses, 2019, 11, 899. | 1.5 | 9 |
| 94 | Novel Salmonella Phage, vB_Sen_STGO-35-1, Characterization and Evaluation in Chicken Meat. Microorganisms, 2022, 10, 606. | 1.6 | 9 |
| 95 | A theoretical and experimental proteome map of Pseudomonas aeruginosa PAO1. MicrobiologyOpen, 2012, 1, 169-181. | 1.2 | 8 |
| 96 | Effects of tetracycline on wild-type and inducible P35So IPT-5/TETR transgenic tobacco plants. Physiologia Plantarum, 2007, 130, 290-300. | 2.6 | 6 |
| 97 | Experimental evidence for proteins constituting virion components and particle morphogenesis of bacteriophage ZF40. FEMS Microbiology Letters, 2016, 363, fnw042. | 0.7 | 4 |
| 98 | Site-Selective Functionalization of Nanobodies Using Intein-Mediated Protein Ligation for Innovative Bioconjugation. Methods in Molecular Biology, 2019, 2033, 117-130. | 0.4 | 4 |
| 99 | DIFFERENTIAL EXPRESSION OF PROTEINS IN APPLE FOLLOWING INOCULATION WITH ERWINIA AMYLOVORA. Acta Horticulturae, 2006, , 489-494. | 0.1 | 3 |
| 100 | COMPARATIVE PROTEOME ANALYSIS OF FOUR ERWINIA AMYLOVORA STRAINS WITH DIFFERENT PATHOGENICITY. Acta Horticulturae, 2008, , 183-185. | 0.1 | 3 |
| 101 | A validated high performance liquid chromatography â€“ diode array detector method for the quantification of mitomycin C in plasma, peritoneal fluid and urine. Journal of Liquid Chromatography and Related Technologies, 2018, 41, 839-848. | 0.5 | 2 |
| 102 | European Interlaboratory Evaluation of an in Vitro Ocular Irritation Model (Skin2TM Model ZK1100) Using 18 Chemicals and Formulated Products. , 0, , 159-164. | | 1 |
| 103 | The plant pathogenErwinia amylovora: a proteome investigation. Acta Horticulturae, 2015, , 335-340. | 0.1 | 0 |
| 104 | COMPARATIVE PROTEOME ANALYSIS FROM ERWINIA AMYLOVORA GROWN IN VITRO AND IN PLANTA. Acta Horticulturae, 2008, , 179-181. | 0.1 | 0 |
| 105 | Protein-protein interaction analyses in the search for new antibacterial targets. Communications in Agricultural and Applied Biological Sciences, 2012, 77, 9-14. | 0.0 | 0 |