

Jean-Paul Noben

List of Publications by Year in descending order

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105
papers

4,197
citations

109264

35
h-index

133188

59
g-index

108
all docs

108
docs citations

108
times ranked

5610
citing authors

#	ARTICLE	IF	CITATIONS
1	Proteomics Investigations of Drug-Induced Hepatotoxicity in HepG2 Cells. <i>Toxicological Sciences</i> , 2011, 120, 109-122.	1.4	175
2	T4-Related Bacteriophage LIMeStone Isolates for the Control of Soft Rot on Potato Caused by <i>Dickeya solani</i> . <i>PLoS ONE</i> , 2012, 7, e33227.	1.1	169
3	Leaf proteome responses of <i>Arabidopsis thaliana</i> exposed to mild cadmium stress. <i>Journal of Plant Physiology</i> , 2010, 167, 247-254.	1.6	155
4	The T7-Related <i>Pseudomonas putida</i> Phage Ψ 15 Displays Virion-Associated Biofilm Degradation Properties. <i>PLoS ONE</i> , 2011, 6, e18597.	1.1	147
5	Development of Giant Bacteriophage Ψ KZ Is Independent of the Host Transcription Apparatus. <i>Journal of Virology</i> , 2014, 88, 10501-10510.	1.5	144
6	Proteomic analysis of cerebrospinal fluid from multiple sclerosis patients. <i>Proteomics</i> , 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. <i>Cellular and Molecular Life Sciences</i> , 2004, 61, 2405-17.	2.4	135
8	Copper-Adapted <i>Suillus luteus</i> , a Symbiotic Solution for Pines Colonizing Cu Mine Spoils. <i>Applied and Environmental Microbiology</i> , 2005, 71, 7279-7284.	1.4	121
9	The Metabolic Landscape of Lung Cancer: New Insights in a Disturbed Glucose Metabolism. <i>Frontiers in Oncology</i> , 2019, 9, 1215.	1.3	97
10	Microbiological and Molecular Assessment of Bacteriophage ISP for the Control of <i>Staphylococcus aureus</i> . <i>PLoS ONE</i> , 2011, 6, e24418.	1.1	92
11	Molecular and physiological analysis of three <i>Pseudomonas aeruginosa</i> phages belonging to the ϕ N4-like viruses. <i>Virology</i> , 2010, 405, 26-30.	1.1	86
12	Identification of EPS-degrading activity within the tail spikes of the novel <i>Pseudomonas putida</i> phage AF. <i>Virology</i> , 2012, 434, 251-256.	1.1	86
13	Characterization of Novel Bacteriophages for Biocontrol of Bacterial Blight in Leek Caused by <i>Pseudomonas syringae</i> pv. <i>porri</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 279.	1.5	86
14	A proposed integrated approach for the preclinical evaluation of phage therapy in <i>Pseudomonas</i> infections. <i>Scientific Reports</i> , 2016, 6, 28115.	1.6	86
15	Comparative analysis of the widespread and conserved PB1-like viruses infecting <i>Pseudomonas aeruginosa</i> . <i>Environmental Microbiology</i> , 2009, 11, 2874-2883.	1.8	85
16	Glutamine Addiction and Therapeutic Strategies in Lung Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 252.	1.8	82
17	Characterization of Newly Isolated Lytic Bacteriophages Active against <i>Acinetobacter baumannii</i> . <i>PLoS ONE</i> , 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. <i>Journal of Virology</i> , 2013, 87, 3237-3247.	1.5	79

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

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37	Metabolic profiling of type 1 diabetes mellitus in children and adolescents: a case-control study. <i>Diabetology and Metabolic Syndrome</i> , 2017, 9, 48.	1.2	38
38	An efficient protocol towards site-specifically clickable nanobodies in high yield: cytoplasmic expression in <i>Escherichia coli</i> combined with intein-mediated protein ligation. <i>Protein Engineering, Design and Selection</i> , 2015, 28, 351-363.	1.0	33
39	Survey of <i>Pseudomonas aeruginosa</i> and its phages: <i>de novo</i> peptide sequencing as a novel tool to assess the diversity of worldwide collected viruses. <i>Environmental Microbiology</i> , 2009, 11, 1303-1313.	1.8	32
40	Resveratrol-Induced Changes of the Human Adipocyte Secretion Profile. <i>Journal of Proteome Research</i> , 2012, 11, 4733-4743.	1.8	32
41	Cross-linking versus RAGE: How do high molecular weight advanced glycation products induce cardiac dysfunction?. <i>International Journal of Cardiology</i> , 2016, 210, 100-108.	0.8	32
42	Integrative omics analysis of <i>Pseudomonas aeruginosa</i> virus PA5oct highlights the molecular complexity of jumbo phages. <i>Environmental Microbiology</i> , 2020, 22, 2165-2181.	1.8	32
43	Novel Phage Group Infecting <i>Lactobacillus delbrueckii</i> subsp. <i>lactis</i> , as Revealed by Genomic and Proteomic Analysis of Bacteriophage Ldl1. <i>Applied and Environmental Microbiology</i> , 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. <i>PLoS ONE</i> , 2012, 7, e35544.	1.1	31
45	Protein profiling of 3T3-L1 adipocyte differentiation and (tumor necrosis factor α -mediated) starvation. <i>Cellular and Molecular Life Sciences</i> , 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. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 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. <i>Proteomics</i> , 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 <i>Erwinia amylovora</i> strains. <i>Journal of Proteomics</i> , 2015, 123, 54-69.	1.2	28
49	Global Survey and Genome Exploration of Bacteriophages Infecting the Lactic Acid Bacterium <i>Streptococcus thermophilus</i> . <i>Frontiers in Microbiology</i> , 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. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 1590-1594.	0.7	24
51	Hypoxia-mimetic effects in the secretome of human preadipocytes and adipocytes. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 2761-2771.	1.1	24
52	Direct profiling of myelinated and demyelinated regions in mouse brain by imaging mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2007, 260, 185-194.	0.7	23
53	Genome and proteome analysis of 7-7-1, a flagellotropic phage infecting <i>Agrobacterium</i> sp H13-3. <i>Virology Journal</i> , 2012, 9, 102.	1.4	23
54	Molecular Characterization of Three <i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i> Phages. <i>Applied and Environmental Microbiology</i> , 2014, 80, 5623-5635.	1.4	23

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55	Impact of differently modified nanocrystalline diamond on the growth of neuroblastoma cells. <i>New Biotechnology</i> , 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. <i>Scientific Reports</i> , 2017, 7, 46157.	1.6	23
57	Biocidal Inactivation of <i>Lactococcus lactis</i> Bacteriophages: Efficacy and Targets of Commonly Used Sanitizers. <i>Frontiers in Microbiology</i> , 2017, 8, 107.	1.5	23
58	Larger Than Life: Isolation and Genomic Characterization of a Jumbo Phage That Infects the Bacterial Plant Pathogen, <i>Agrobacterium tumefaciens</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 1861.	1.5	23
59	Isolation and Characterization of <i>Lactobacillus brevis</i> Phages. <i>Viruses</i> , 2019, 11, 393.	1.5	22
60	Phage S144, a New Polyvalent Phage Infecting <i>Salmonella</i> spp. and <i>Cronobacter sakazakii</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 5196.	1.8	22
61	A Tailspike with Exopolysaccharide Depolymerase Activity from a New <i>Providencia stuartii</i> Phage Makes Multidrug-Resistant Bacteria Susceptible to Serum-Mediated Killing. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	22
62	Identification of metabolic phenotypes in childhood obesity by ¹ H NMR metabolomics of blood plasma. <i>Future Science OA</i> , 2018, 4, FSO310.	0.9	21
63	Isolation and Characterization of <i>Pectobacterium</i> Phage vB_PatM_CB7: New Insights into the Genus <i>Certevirus</i> . <i>Antibiotics</i> , 2020, 9, 352.	1.5	21
64	Variability of polymorphic families of three types of xylanase inhibitors in the wheat grain proteome. <i>Proteomics</i> , 2008, 8, 1692-1705.	1.3	20
65	Calorie restriction-induced changes in the secretome of human adipocytes, comparison with resveratrol-induced secretome effects. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 1511-1522.	1.1	20
66	Metabolic reprogramming of <i>Pseudomonas aeruginosa</i> by phage-based quorum sensing modulation. <i>Cell Reports</i> , 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. <i>OMICS A Journal of Integrative Biology</i> , 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. <i>Journal of Proteomics</i> , 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. <i>Proteomics</i> , 2006, 6, 4967-4977.	1.3	18
70	A proteome analysis of the response of a <i>Pseudomonas aeruginosa</i> oxyR mutant to iron limitation. <i>BioMetals</i> , 2011, 24, 523-532.	1.8	18
71	Characterization of mature rat oligodendrocytes: a proteomic approach. <i>Journal of Neurochemistry</i> , 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. <i>Proteome Science</i> , 2011, 9, 33.	0.7	17

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73	Metabolite profiling and peptidoglycan analysis of transient cell wall-deficient bacteria in a new <i>Escherichia coli</i> model system. <i>Environmental Microbiology</i> , 2015, 17, 1586-1599.	1.8	17
74	Metabolites of 4-chlorotestosterone acetate in cattle urine as diagnostic markers for its illegal use. <i>Biomedical Applications</i> , 1994, 654, 43-54.	1.7	16
75	The potential of bacteriophages to control <i>Xanthomonas campestris</i> pv. <i>campestris</i> at different stages of disease development. <i>Microbial Biotechnology</i> , 2022, 15, 1762-1782.	2.0	16
76	Dermal Interstitial Alterations in Patients With Heart Failure and Reduced Ejection Fraction. <i>Circulation: Heart Failure</i> , 2018, 11, e004763.	1.6	15
77	The bacteriophage LUZ24 α -peptide inhibits the <i>Pseudomonas</i> DNA gyrase. <i>Cell Reports</i> , 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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 152, 39-46.	1.4	14
79	Identification of coronin-1a as a novel antibody target for clinically isolated syndrome and multiple sclerosis. <i>Journal of Neurochemistry</i> , 2013, 126, 483-492.	2.1	13
80	A Lytic <i>Providencia rettgeri</i> Virus of Potential Therapeutic Value Is a Deep-Branching Member of the <i>T5virus</i> Genus. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	13
81	A carcinogenic trigger to study the function of tumor suppressor genes in <i>Schmidtea mediterranea</i> . <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	1.2	13
82	Characterization of a new podovirus infecting <i>Paenibacillus</i> larvae. <i>Scientific Reports</i> , 2019, 9, 20355.	1.6	13
83	Structural Analysis of Jumbo Coliphage ϕ APEC6. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3119.	1.8	13
84	Proteomic analysis of rat tibialis anterior muscles at different stages of experimental autoimmune myasthenia gravis. <i>Journal of Neuroimmunology</i> , 2013, 261, 141-145.	1.1	12
85	Viral interference of the bacterial RNA metabolism machinery. <i>RNA Biology</i> , 2017, 14, 6-10.	1.5	12
86	Identification of Dual Receptor Binding Protein Systems in Lactococcal 936 Group Phages. <i>Viruses</i> , 2018, 10, 668.	1.5	12
87	The Baseplate of <i>Lactobacillus delbrueckii</i> Bacteriophage Ld17 Harbors a Glycerophosphodiesterase. <i>Journal of Biological Chemistry</i> , 2016, 291, 16816-16827.	1.6	11
88	Identification of a novel glyoxylate reductase supports phylogeny-based enzymatic substrate specificity prediction. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2007, 1774, 1092-1098.	1.1	10
89	Virulence of <i>Erwinia amylovora</i> , a prevalent apple pathogen: Outer membrane proteins and type III secreted effectors increase fitness and compromise plant defenses. <i>Proteomics</i> , 2016, 16, 2377-2390.	1.3	10
90	Fire blight host-pathogen interaction: proteome profiles of <i>Erwinia amylovora</i> infecting apple rootstocks. <i>Scientific Reports</i> , 2018, 8, 11689.	1.6	10

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