

# Jean-Paul Noben

## List of Publications by Citations

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105  
papers

3,159  
citations

33  
h-index

52  
g-index

108  
ext. papers

3,775  
ext. citations

4.5  
avg. IF

4.8  
L-index

#	Paper	IF	Citations
105	Proteomics investigations of drug-induced hepatotoxicity in HepG2 cells. <i>Toxicological Sciences</i> , <b>2011</b> , 120, 109-22	4.4	162
104	Proteomic analysis of cerebrospinal fluid from multiple sclerosis patients. <i>Proteomics</i> , <b>2004</b> , 4, 2117-24	4.8	134
103	Leaf proteome responses of <i>Arabidopsis thaliana</i> exposed to mild cadmium stress. <i>Journal of Plant Physiology</i> , <b>2010</b> , 167, 247-54	3.6	132
102	The T7-related <i>Pseudomonas putida</i> phage $\Phi$ 5 displays virion-associated biofilm degradation properties. <i>PLoS ONE</i> , <b>2011</b> , 6, e18597	3.7	114
101	Profiling of the secreted proteins during 3T3-L1 adipocyte differentiation leads to the identification of novel adipokines. <i>Cellular and Molecular Life Sciences</i> , <b>2004</b> , 61, 2405-17	10.3	113
100	T4-related bacteriophage LIMEstone isolates for the control of soft rot on potato caused by 'Dickeya solani'. <i>PLoS ONE</i> , <b>2012</b> , 7, e33227	3.7	100
99	Copper-adapted <i>Suillus luteus</i> , a symbiotic solution for pines colonizing Cu mine spoils. <i>Applied and Environmental Microbiology</i> , <b>2005</b> , 71, 7279-84	4.8	95
98	Development of giant bacteriophage $\Phi$ KZ is independent of the host transcription apparatus. <i>Journal of Virology</i> , <b>2014</b> , 88, 10501-10	6.6	90
97	Microbiological and molecular assessment of bacteriophage ISP for the control of <i>Staphylococcus aureus</i> . <i>PLoS ONE</i> , <b>2011</b> , 6, e24418	3.7	70
96	Comparative analysis of the widespread and conserved PB1-like viruses infecting <i>Pseudomonas aeruginosa</i> . <i>Environmental Microbiology</i> , <b>2009</b> , 11, 2874-83	5.2	69
95	Proteomic analysis of core breakdown disorder in Conference pears ( <i>Pyrus communis</i> L.). <i>Proteomics</i> , <b>2007</b> , 7, 2083-99	4.8	67
94	Lumbar cerebrospinal fluid proteome in multiple sclerosis: characterization by ultrafiltration, liquid chromatography, and mass spectrometry. <i>Journal of Proteome Research</i> , <b>2006</b> , 5, 1647-57	5.6	67
93	Identification of EPS-degrading activity within the tail spikes of the novel <i>Pseudomonas putida</i> phage AF. <i>Virology</i> , <b>2012</b> , 434, 251-6	3.6	64
92	Molecular and physiological analysis of three <i>Pseudomonas aeruginosa</i> phages belonging to the "N4-like viruses". <i>Virology</i> , <b>2010</b> , 405, 26-30	3.6	63
91	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> , <b>2013</b> , 87, 3237-47	6.6	62
90	The structural proteome of <i>Pseudomonas aeruginosa</i> bacteriophage $\Phi$ KMV. <i>Microbiology (United Kingdom)</i> , <b>2006</b> , 152, 529-534	2.9	62
89	A proposed integrated approach for the preclinical evaluation of phage therapy in <i>Pseudomonas</i> infections. <i>Scientific Reports</i> , <b>2016</b> , 6, 28115	4.9	61

88	Characterization of newly isolated lytic bacteriophages active against <i>Acinetobacter baumannii</i> . <i>PLoS ONE</i> , <b>2014</b> , 9, e104853	3.7	59
87	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> , <b>2016</b> , 7, 279	5.7	57
86	Treatment of missing values for multivariate statistical analysis of gel-based proteomics data. <i>Proteomics</i> , <b>2008</b> , 8, 1371-83	4.8	52
85	Physiological implications of controlled atmosphere storage of 'Conference' pears ( <i>Pyrus communis</i> L.): A proteomic approach. <i>Postharvest Biology and Technology</i> , <b>2008</b> , 50, 110-116	6.2	50
84	Leukemia inhibitory factor induces an antiapoptotic response in oligodendrocytes through Akt-phosphorylation and up-regulation of 14-3-3. <i>Proteomics</i> , <b>2008</b> , 8, 1237-47	4.8	48
83	The intron-containing genome of the lytic <i>Pseudomonas</i> phage LUZ24 resembles the temperate phage PaP3. <i>Virology</i> , <b>2008</b> , 377, 233-8	3.6	46
82	Identification of novel human adipocyte secreted proteins by using SGBS cells. <i>Journal of Proteome Research</i> , <b>2010</b> , 9, 5389-401	5.6	45
81	Identification and Analysis of a Novel Group of Bacteriophages Infecting the Lactic Acid Bacterium <i>Streptococcus thermophilus</i> . <i>Applied and Environmental Microbiology</i> , <b>2016</b> , 82, 5153-65	4.8	42
80	The Metabolic Landscape of Lung Cancer: New Insights in a Disturbed Glucose Metabolism. <i>Frontiers in Oncology</i> , <b>2019</b> , 9, 1215	5.3	41
79	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> , <b>2009</b> , 8, 5532-40	5.6	41
78	Glutamine Addiction and Therapeutic Strategies in Lung Cancer. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	40
77	Systematic identification of hypothetical bacteriophage proteins targeting key protein complexes of <i>Pseudomonas aeruginosa</i> . <i>Journal of Proteome Research</i> , <b>2014</b> , 13, 4446-56	5.6	38
76	Identification and comparative analysis of the structural proteomes of phiKZ and EL, two giant <i>Pseudomonas aeruginosa</i> bacteriophages. <i>Proteomics</i> , <b>2009</b> , 9, 3215-9	4.8	37
75	Structural elucidation of a novel mechanism for the bacteriophage-based inhibition of the RNA degradosome. <i>ELife</i> , <b>2016</b> , 5,	8.9	35
74	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> , <b>2019</b> , 93,	6.6	35
73	Supersize me: <i>Cronobacter sakazakii</i> phage GAP32. <i>Virology</i> , <b>2014</b> , 460-461, 138-46	3.6	34
72	Relapsing-remitting multiple sclerosis patients display an altered lipoprotein profile with dysfunctional HDL. <i>Scientific Reports</i> , <b>2017</b> , 7, 43410	4.9	31
71	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> , <b>2015</b> , 28, 351-63	1.9	29

70	Novel N4-Like Bacteriophages of <i>Pectobacterium atrosepticum</i> . <i>Pharmaceuticals</i> , <b>2018</b> , 11,	5.2	29
69	Resveratrol-induced changes of the human adipocyte secretion profile. <i>Journal of Proteome Research</i> , <b>2012</b> , 11, 4733-43	5.6	29
68	Identification of protein networks involved in the disease course of experimental autoimmune encephalomyelitis, an animal model of multiple sclerosis. <i>PLoS ONE</i> , <b>2012</b> , 7, e35544	3.7	29
67	Survey of <i>Pseudomonas aeruginosa</i> and its phages: de novo peptide sequencing as a novel tool to assess the diversity of worldwide collected viruses. <i>Environmental Microbiology</i> , <b>2009</b> , 11, 1303-13	5.2	28
66	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> , <b>2015</b> , 81, 1319-26	4.8	27
65	Arginine deficiency in confluent intestinal Caco-2 cells modulates expression of proteins involved in proliferation, apoptosis, and heat shock response. <i>Proteomics</i> , <b>2007</b> , 7, 565-577	4.8	26
64	Things Are Getting Hairy: Enterobacteria Bacteriophage vB_PcaM_CBB. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 44	5.7	23
63	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> , <b>2010</b> , 5, 55-64	2	23
62	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> , <b>2002</b> , 16, 1590-4	2.2	23
61	Molecular characterization of three <i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i> phages. <i>Applied and Environmental Microbiology</i> , <b>2014</b> , 80, 5623-35	4.8	22
60	Protein profiling of 3T3-L1 adipocyte differentiation and (tumor necrosis factor alpha-mediated) starvation. <i>Cellular and Molecular Life Sciences</i> , <b>2005</b> , 62, 492-503	10.3	22
59	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> , <b>2015</b> , 123, 54-69	3.9	21
58	Impact of differently modified nanocrystalline diamond on the growth of neuroblastoma cells. <i>New Biotechnology</i> , <b>2015</b> , 32, 7-12	6.4	21
57	Cross-linking versus RAGE: How do high molecular weight advanced glycation products induce cardiac dysfunction?. <i>International Journal of Cardiology</i> , <b>2016</b> , 210, 100-8	3.2	21
56	Direct profiling of myelinated and demyelinated regions in mouse brain by imaging mass spectrometry. <i>International Journal of Mass Spectrometry</i> , <b>2007</b> , 260, 185-194	1.9	21
55	Integrative omics analysis of <i>Pseudomonas aeruginosa</i> virus PA5oct highlights the molecular complexity of jumbo phages. <i>Environmental Microbiology</i> , <b>2020</b> , 22, 2165-2181	5.2	20
54	Global Survey and Genome Exploration of Bacteriophages Infecting the Lactic Acid Bacterium. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 1754	5.7	20
53	Variability of polymorphic families of three types of xylanase inhibitors in the wheat grain proteome. <i>Proteomics</i> , <b>2008</b> , 8, 1692-705	4.8	20

52	Characterization and genomic analyses of two newly isolated Morganella phages define distant members among Tevenvirinae and Autographivirinae subfamilies. <i>Scientific Reports</i> , <b>2017</b> , 7, 46157	4.9	17
51	Metabolic profiling of type 1 diabetes mellitus in children and adolescents: a case-control study. <i>Diabetology and Metabolic Syndrome</i> , <b>2017</b> , 9, 48	5.6	17
50	A proteome analysis of the response of a <i>Pseudomonas aeruginosa</i> oxyR mutant to iron limitation. <i>BioMetals</i> , <b>2011</b> , 24, 523-32	3.4	17
49	Gel-free analysis of the human brain proteome: application of liquid chromatography and mass spectrometry on biopsy and autopsy samples. <i>Proteomics</i> , <b>2006</b> , 6, 4967-77	4.8	17
48	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> , <b>2014</b> , 108, 30-54	3.9	16
47	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> , <b>2013</b> , 17, 71-83	3.8	16
46	Analysis of the photosynthetic apparatus in transgenic tobacco plants with altered endogenous cytokinin content: a proteomic study. <i>Proteome Science</i> , <b>2011</b> , 9, 33	2.6	16
45	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> , <b>2014</b> , 1844, 1511-22	4	15
44	Hypoxia-mimetic effects in the secretome of human preadipocytes and adipocytes. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2013</b> , 1834, 2761-71	4	15
43	Biocidal Inactivation of Bacteriophages: Efficacy and Targets of Commonly Used Sanitizers. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 107	5.7	15
42	Characterization of mature rat oligodendrocytes: a proteomic approach. <i>Journal of Neurochemistry</i> , <b>2007</b> , 102, 562-76	6	15
41	Identification of metabolic phenotypes in childhood obesity by H NMR metabolomics of blood plasma. <i>Future Science OA</i> , <b>2018</b> , 4, FSO310	2.7	14
40	Genome and proteome analysis of 7-7-1, a flagellotropic phage infecting <i>Agrobacterium</i> sp H13-3. <i>Virology Journal</i> , <b>2012</b> , 9, 102	6.1	14
39	Metabolite profiling and peptidoglycan analysis of transient cell wall-deficient bacteria in a new <i>Escherichia coli</i> model system. <i>Environmental Microbiology</i> , <b>2015</b> , 17, 1586-99	5.2	13
38	Larger Than Life: Isolation and Genomic Characterization of a Jumbo Phage That Infects the Bacterial Plant Pathogen,. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 1861	5.7	13
37	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> , <b>2020</b> , 86,	4.8	12
36	Metabolites of 4-chlorotestosterone acetate in cattle urine as diagnostic markers for its illegal use. <i>Biomedical Applications</i> , <b>1994</b> , 654, 43-54		12
35	Identification of coronin-1a as a novel antibody target for clinically isolated syndrome and multiple sclerosis. <i>Journal of Neurochemistry</i> , <b>2013</b> , 126, 483-92	6	11

34	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> , <b>2018</b> , 152, 39-46	3.5	10
33	Identification of a novel glyoxylate reductase supports phylogeny-based enzymatic substrate specificity prediction. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2007</b> , 1774, 1092-8	4	10
32	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> , <b>2016</b> , 16, 2377-90	4.8	9
31	Proteomic analysis of rat tibialis anterior muscles at different stages of experimental autoimmune myasthenia gravis. <i>Journal of Neuroimmunology</i> , <b>2013</b> , 261, 141-5	3.5	9
30	Viral interference of the bacterial RNA metabolism machinery. <i>RNA Biology</i> , <b>2017</b> , 14, 6-10	4.8	9
29	Identification of Dual Receptor Binding Protein Systems in Lactococcal 936 Group Phages. <i>Viruses</i> , <b>2018</b> , 10,	6.2	9
28	Isolation and Characterization of Phage vB_PatM_CB7: New Insights into the Genus. <i>Antibiotics</i> , <b>2020</b> , 9,	4.9	8
27	The Baseplate of <i>Lactobacillus delbrueckii</i> Bacteriophage Ld17 Harbors a Glycerophosphodiesterase. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 16816-27	5.4	8
26	The in planta proteome of wild type strains of the fire blight pathogen, <i>Erwinia amylovora</i> . <i>Journal of Proteomics</i> , <b>2016</b> , 139, 1-12	3.9	8
25	Dermal Interstitial Alterations in Patients With Heart Failure and Reduced Ejection Fraction: A Potential Contributor to Fluid Accumulation?. <i>Circulation: Heart Failure</i> , <b>2018</b> , 11, e004763	7.6	8
24	Phage S144, A New Polyvalent Phage Infecting spp. and. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	8
23	A Lytic <i>Providencia rettgeri</i> Virus of Potential Therapeutic Value Is a Deep-Branching Member of the Genus. <i>Applied and Environmental Microbiology</i> , <b>2017</b> , 83,	4.8	7
22	Isolation and Characterization of Phages. <i>Viruses</i> , <b>2019</b> , 11,	6.2	7
21	Fire blight host-pathogen interaction: proteome profiles of <i>Erwinia amylovora</i> infecting apple rootstocks. <i>Scientific Reports</i> , <b>2018</b> , 8, 11689	4.9	7
20	A carcinogenic trigger to study the function of tumor suppressor genes in. <i>DMM Disease Models and Mechanisms</i> , <b>2018</b> , 11,	4.1	7
19	A Quest of Great Importance-Developing a Broad Spectrum Phage Collection. <i>Viruses</i> , <b>2019</b> , 11,	6.2	6
18	A theoretical and experimental proteome map of <i>Pseudomonas aeruginosa</i> PAO1. <i>MicrobiologyOpen</i> , <b>2012</b> , 1, 169-81	3.4	6
17	Effects of tetracycline on wild-type and inducible P35So IPT-5/TETR transgenic tobacco plants. <i>Physiologia Plantarum</i> , <b>2007</b> , 130, 290-300	4.6	6

16	Structural Analysis of Jumbo Coliphage phAPEC6. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	5
15	Characterization of a new podovirus infecting <i>Paenibacillus</i> larvae. <i>Scientific Reports</i> , <b>2019</b> , 9, 20355	4.9	5
14	Biodiversity and Classification of Phages Infecting. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 2396	5.7	4
13	The bacteriophage LUZ24 "Igy" peptide inhibits the <i>Pseudomonas</i> DNA gyrase. <i>Cell Reports</i> , <b>2021</b> , 36, 109567	10.6	4
12	DIFFERENTIAL EXPRESSION OF PROTEINS IN APPLE FOLLOWING INOCULATION WITH <i>ERWINIA AMYLOVORA</i> . <i>Acta Horticulturae</i> , <b>2006</b> , 489-494	0.3	3
11	COMPARATIVE PROTEOME ANALYSIS OF FOUR <i>ERWINIA AMYLOVORA</i> STRAINS WITH DIFFERENT PATHOGENICITY. <i>Acta Horticulturae</i> , <b>2008</b> , 183-185	0.3	3
10	Site-Selective Functionalization of Nanobodies Using Intein-Mediated Protein Ligation for Innovative Bioconjugation. <i>Methods in Molecular Biology</i> , <b>2019</b> , 2033, 117-130	1.4	3
9	Metabolic reprogramming of <i>Pseudomonas aeruginosa</i> by phage-based quorum sensing modulation.. <i>Cell Reports</i> , <b>2022</b> , 38, 110372	10.6	3
8	Experimental evidence for proteins constituting virion components and particle morphogenesis of bacteriophage ZF40. <i>FEMS Microbiology Letters</i> , <b>2016</b> , 363,	2.9	2
7	Genomic, transcriptomic, and structural analysis of <i>Pseudomonas</i> virus PA5oct highlights the molecular complexity among Jumbo phages		2
6	A validated high performance liquid chromatography-fluorimetric method for the quantification of mitomycin C in plasma, peritoneal fluid and urine. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2018</b> , 41, 839-848	1.3	2
5	Integrative omics analysis of <i>Pseudomonas aeruginosa</i> virus PA5oct highlights the molecular complexity of jumbo phages		1
4	European Interlaboratory Evaluation of an in Vitro Ocular Irritation Model (Skin2TM Model ZK1100) Using 18 Chemicals and Formulated Products 159-164		1
3	Novel Phage, vB_Sen_STGO-35-1, Characterization and Evaluation in Chicken Meat.. <i>Microorganisms</i> , <b>2022</b> , 10,	4.9	1
2	The plant pathogen <i>Erwinia amylovora</i> : a proteome investigation. <i>Acta Horticulturae</i> , <b>2015</b> , 335-340	0.3	
1	Protein-protein interaction analyses in the search for new antibacterial targets. <i>Communications in Agricultural and Applied Biological Sciences</i> , <b>2012</b> , 77, 9-14		