

Jean-Paul Noben

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Metabolic reprogramming of <i>Pseudomonas aeruginosa</i> by phage-based quorum sensing modulation.. <i>Cell Reports</i> , 2022 , 38, 110372	10.6	3
104	Novel Phage, vB_Sen_STGO-35-1, Characterization and Evaluation in Chicken Meat.. <i>Microorganisms</i> , 2022 , 10,	4.9	1
103	The bacteriophage LUZ24 "Igy" peptide inhibits the <i>Pseudomonas</i> DNA gyrase. <i>Cell Reports</i> , 2021 , 36, 109567	10.6	4
102	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,	4.8	12
101	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	5.2	20
100	Isolation and Characterization of Phage vB_PatM_CB7: New Insights into the Genus. <i>Antibiotics</i> , 2020 , 9,	4.9	8
99	Structural Analysis of Jumbo Coliphage phAPEC6. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
98	Phage S144, A New Polyvalent Phage Infecting spp. and. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	8
97	The Metabolic Landscape of Lung Cancer: New Insights in a Disturbed Glucose Metabolism. <i>Frontiers in Oncology</i> , 2019 , 9, 1215	5.3	41
96	A Quest of Great Importance-Developing a Broad Spectrum Phage Collection. <i>Viruses</i> , 2019 , 11,	6.2	6
95	Isolation and Characterization of Phages. <i>Viruses</i> , 2019 , 11,	6.2	7
94	Biodiversity and Classification of Phages Infecting. <i>Frontiers in Microbiology</i> , 2019 , 10, 2396	5.7	4
93	Site-Selective Functionalization of Nanobodies Using Intein-Mediated Protein Ligation for Innovative Bioconjugation. <i>Methods in Molecular Biology</i> , 2019 , 2033, 117-130	1.4	3
92	Characterization of a new podovirus infecting <i>Paenibacillus</i> larvae. <i>Scientific Reports</i> , 2019 , 9, 20355	4.9	5
91	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,	6.6	35
90	Glutamine Addiction and Therapeutic Strategies in Lung Cancer. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	40
89	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	3.5	10

88	Fire blight host-pathogen interaction: proteome profiles of <i>Erwinia amylovora</i> infecting apple rootstocks. <i>Scientific Reports</i> , 2018 , 8, 11689	4.9	7
87	Novel N4-Like Bacteriophages of <i>Pectobacterium atrosepticum</i> . <i>Pharmaceuticals</i> , 2018 , 11,	5.2	29
86	Dermal Interstitial Alterations in Patients With Heart Failure and Reduced Ejection Fraction: A Potential Contributor to Fluid Accumulation?. <i>Circulation: Heart Failure</i> , 2018 , 11, e004763	7.6	8
85	Larger Than Life: Isolation and Genomic Characterization of a Jumbo Phage That Infects the Bacterial Plant Pathogen,. <i>Frontiers in Microbiology</i> , 2018 , 9, 1861	5.7	13
84	Identification of metabolic phenotypes in childhood obesity by H NMR metabolomics of blood plasma. <i>Future Science OA</i> , 2018 , 4, FSO310	2.7	14
83	Identification of Dual Receptor Binding Protein Systems in Lactococcal 936 Group Phages. <i>Viruses</i> , 2018 , 10,	6.2	9
82	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	1.3	2
81	A carcinogenic trigger to study the function of tumor suppressor genes in. <i>DMM Disease Models and Mechanisms</i> , 2018 , 11,	4.1	7
80	Relapsing-remitting multiple sclerosis patients display an altered lipoprotein profile with dysfunctional HDL. <i>Scientific Reports</i> , 2017 , 7, 43410	4.9	31
79	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	4.9	17
78	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> , 2017 , 83,	4.8	7
77	Metabolic profiling of type 1 diabetes mellitus in children and adolescents: a case-control study. <i>Diabetology and Metabolic Syndrome</i> , 2017 , 9, 48	5.6	17
76	Viral interference of the bacterial RNA metabolism machinery. <i>RNA Biology</i> , 2017 , 14, 6-10	4.8	9
75	Things Are Getting Hairy: Enterobacteria Bacteriophage vB_PcaM_CBB. <i>Frontiers in Microbiology</i> , 2017 , 8, 44	5.7	23
74	Biocidal Inactivation of Bacteriophages: Efficacy and Targets of Commonly Used Sanitizers. <i>Frontiers in Microbiology</i> , 2017 , 8, 107	5.7	15
73	Global Survey and Genome Exploration of Bacteriophages Infecting the Lactic Acid Bacterium. <i>Frontiers in Microbiology</i> , 2017 , 8, 1754	5.7	20
72	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, 2377-90	4.8	9
71	A proposed integrated approach for the preclinical evaluation of phage therapy in <i>Pseudomonas</i> infections. <i>Scientific Reports</i> , 2016 , 6, 28115	4.9	61

70	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, 5153-65	4.8	42
69	The Baseplate of <i>Lactobacillus delbrueckii</i> Bacteriophage Ld17 Harbors a Glycerophosphodiesterase. <i>Journal of Biological Chemistry</i> , 2016 , 291, 16816-27	5.4	8
68	Experimental evidence for proteins constituting virion components and particle morphogenesis of bacteriophage ZF40. <i>FEMS Microbiology Letters</i> , 2016 , 363,	2.9	2
67	Cross-linking versus RAGE: How do high molecular weight advanced glycation products induce cardiac dysfunction?. <i>International Journal of Cardiology</i> , 2016 , 210, 100-8	3.2	21
66	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	3.9	8
65	Structural elucidation of a novel mechanism for the bacteriophage-based inhibition of the RNA degradosome. <i>ELife</i> , 2016 , 5,	8.9	35
64	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	5.7	57
63	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, 351-63	1.9	29
62	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	3.9	21
61	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, 1319-26	4.8	27
60	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, 1586-99	5.2	13
59	Impact of differently modified nanocrystalline diamond on the growth of neuroblastoma cells. <i>New Biotechnology</i> , 2015 , 32, 7-12	6.4	21
58	The plant pathogen <i>Erwinia amylovora</i> : a proteome investigation. <i>Acta Horticulturae</i> , 2015 , 335-340	0.3	
57	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	3.9	16
56	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, 1511-22	4	15
55	Systematic identification of hypothetical bacteriophage proteins targeting key protein complexes of <i>Pseudomonas aeruginosa</i> . <i>Journal of Proteome Research</i> , 2014 , 13, 4446-56	5.6	38
54	Molecular characterization of three <i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i> phages. <i>Applied and Environmental Microbiology</i> , 2014 , 80, 5623-35	4.8	22
53	Development of giant bacteriophage ?KZ is independent of the host transcription apparatus. <i>Journal of Virology</i> , 2014 , 88, 10501-10	6.6	90

52	Supersize me: Cronobacter sakazakii phage GAP32. <i>Virology</i> , 2014 , 460-461, 138-46	3.6	34
51	Characterization of newly isolated lytic bacteriophages active against <i>Acinetobacter baumannii</i> . <i>PLoS ONE</i> , 2014 , 9, e104853	3.7	59
50	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	3.8	16
49	Proteomic analysis of rat tibialis anterior muscles at different stages of experimental autoimmune myasthenia gravis. <i>Journal of Neuroimmunology</i> , 2013 , 261, 141-5	3.5	9
48	Hypoxia-mimetic effects in the secretome of human preadipocytes and adipocytes. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013 , 1834, 2761-71	4	15
47	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, 3237-47	6.6	62
46	Identification of coronin-1a as a novel antibody target for clinically isolated syndrome and multiple sclerosis. <i>Journal of Neurochemistry</i> , 2013 , 126, 483-92	6	11
45	Resveratrol-induced changes of the human adipocyte secretion profile. <i>Journal of Proteome Research</i> , 2012 , 11, 4733-43	5.6	29
44	Identification of EPS-degrading activity within the tail spikes of the novel <i>Pseudomonas putida</i> phage AF. <i>Virology</i> , 2012 , 434, 251-6	3.6	64
43	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	6.1	14
42	A theoretical and experimental proteome map of <i>Pseudomonas aeruginosa</i> PAO1. <i>MicrobiologyOpen</i> , 2012 , 1, 169-81	3.4	6
41	T4-related bacteriophage LIMEstone isolates for the control of soft rot on potato caused by 'Dickeya solani'. <i>PLoS ONE</i> , 2012 , 7, e33227	3.7	100
40	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	3.7	29
39	Protein-protein interaction analyses in the search for new antibacterial targets. <i>Communications in Agricultural and Applied Biological Sciences</i> , 2012 , 77, 9-14		
38	Microbiological and molecular assessment of bacteriophage ISP for the control of <i>Staphylococcus aureus</i> . <i>PLoS ONE</i> , 2011 , 6, e24418	3.7	70
37	A proteome analysis of the response of a <i>Pseudomonas aeruginosa</i> oxyR mutant to iron limitation. <i>BioMetals</i> , 2011 , 24, 523-32	3.4	17
36	Analysis of the photosynthetic apparatus in transgenic tobacco plants with altered endogenous cytokinin content: a proteomic study. <i>Proteome Science</i> , 2011 , 9, 33	2.6	16
35	Proteomics investigations of drug-induced hepatotoxicity in HepG2 cells. <i>Toxicological Sciences</i> , 2011 , 120, 109-22	4.4	162

34	The T7-related <i>Pseudomonas putida</i> phage Φ 5 displays virion-associated biofilm degradation properties. <i>PLoS ONE</i> , 2011 , 6, e18597	3.7	114
33	Leaf proteome responses of <i>Arabidopsis thaliana</i> exposed to mild cadmium stress. <i>Journal of Plant Physiology</i> , 2010 , 167, 247-54	3.6	132
32	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	2	23
31	Identification of novel human adipocyte secreted proteins by using SGBS cells. <i>Journal of Proteome Research</i> , 2010 , 9, 5389-401	5.6	45
30	Molecular and physiological analysis of three <i>Pseudomonas aeruginosa</i> phages belonging to the "N4-like viruses". <i>Virology</i> , 2010 , 405, 26-30	3.6	63
29	Identification and comparative analysis of the structural proteomes of phiKZ and EL, two giant <i>Pseudomonas aeruginosa</i> bacteriophages. <i>Proteomics</i> , 2009 , 9, 3215-9	4.8	37
28	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> , 2009 , 11, 1303-13	5.2	28
27	Comparative analysis of the widespread and conserved PB1-like viruses infecting <i>Pseudomonas aeruginosa</i> . <i>Environmental Microbiology</i> , 2009 , 11, 2874-83	5.2	69
26	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, 5532-40	5.6	41
25	The intron-containing genome of the lytic <i>Pseudomonas</i> phage LUZ24 resembles the temperate phage PaP3. <i>Virology</i> , 2008 , 377, 233-8	3.6	46
24	Physiological implications of controlled atmosphere storage of Conference pears (<i>Pyrus communis</i> L.): A proteomic approach. <i>Postharvest Biology and Technology</i> , 2008 , 50, 110-116	6.2	50
23	Leukemia inhibitory factor induces an antiapoptotic response in oligodendrocytes through Akt-phosphorylation and up-regulation of 14-3-3. <i>Proteomics</i> , 2008 , 8, 1237-47	4.8	48
22	Variability of polymorphic families of three types of xylanase inhibitors in the wheat grain proteome. <i>Proteomics</i> , 2008 , 8, 1692-705	4.8	20
21	Treatment of missing values for multivariate statistical analysis of gel-based proteomics data. <i>Proteomics</i> , 2008 , 8, 1371-83	4.8	52
20	COMPARATIVE PROTEOME ANALYSIS OF FOUR ERWINIA AMYLOVORA STRAINS WITH DIFFERENT PATHOGENICITY. <i>Acta Horticulturae</i> , 2008 , 183-185	0.3	3
19	Identification of a novel glyoxylate reductase supports phylogeny-based enzymatic substrate specificity prediction. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2007 , 1774, 1092-8	4	10
18	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	1.9	21
17	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	4.8	26

16	Proteomic analysis of core breakdown disorder in Conference pears (<i>Pyrus communis</i> L.). <i>Proteomics</i> , 2007 , 7, 2083-99	4.8	67
15	Effects of tetracycline on wild-type and inducible P35So IPT-5/TETR transgenic tobacco plants. <i>Physiologia Plantarum</i> , 2007 , 130, 290-300	4.6	6
14	Characterization of mature rat oligodendrocytes: a proteomic approach. <i>Journal of Neurochemistry</i> , 2007 , 102, 562-76	6	15
13	The structural proteome of <i>Pseudomonas aeruginosa</i> bacteriophage phiKMV. <i>Microbiology (United Kingdom)</i> , 2006 , 152, 529-534	2.9	62
12	Lumbar cerebrospinal fluid proteome in multiple sclerosis: characterization by ultrafiltration, liquid chromatography, and mass spectrometry. <i>Journal of Proteome Research</i> , 2006 , 5, 1647-57	5.6	67
11	DIFFERENTIAL EXPRESSION OF PROTEINS IN APPLE FOLLOWING INOCULATION WITH ERWINIA AMYLOVORA. <i>Acta Horticulturae</i> , 2006 , 489-494	0.3	3
10	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, 4967-77	4.8	17
9	Protein profiling of 3T3-L1 adipocyte differentiation and (tumor necrosis factor alpha-mediated) starvation. <i>Cellular and Molecular Life Sciences</i> , 2005 , 62, 492-503	10.3	22
8	Copper-adapted <i>Suillus luteus</i> , a symbiotic solution for pines colonizing Cu mine spoils. <i>Applied and Environmental Microbiology</i> , 2005 , 71, 7279-84	4.8	95
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	10.3	113
6	Proteomic analysis of cerebrospinal fluid from multiple sclerosis patients. <i>Proteomics</i> , 2004 , 4, 2117-24	4.8	134
5	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, 1590-4	2.2	23
4	Metabolites of 4-chlorotestosterone acetate in cattle urine as diagnostic markers for its illegal use. <i>Biomedical Applications</i> , 1994 , 654, 43-54		12
3	Genomic, transcriptomic, and structural analysis of <i>Pseudomonas</i> virus PA5oct highlights the molecular complexity among Jumbo phages		2
2	Integrative omics analysis of <i>Pseudomonas aeruginosa</i> virus PA5oct highlights the molecular complexity of jumbo phages		1
1	European Interlaboratory Evaluation of an in Vitro Ocular Irritation Model (Skin2™ Model ZK1100) Using 18 Chemicals and Formulated Products 159-164		1