

Krystyna DÄbrowska

List of Publications by Year in descending order

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75
papers

3,742
citations

126708

33
h-index

138251

58
g-index

77
all docs

77
docs citations

77
times ranked

3079
citing authors

#	ARTICLE	IF	CITATIONS
1	Interactions between Bacteriophage, Bacteria, and the Mammalian Immune System. <i>Viruses</i> , 2019, 11, 10.	1.5	236
2	Phage as a Modulator of Immune Responses. <i>Advances in Virus Research</i> , 2012, 83, 41-71.	0.9	206
3	Mammalian Host-Versus-Phage immune response determines phage fate in vivo. <i>Scientific Reports</i> , 2015, 5, 14802.	1.6	201
4	Bacteriophage translocation. <i>FEMS Immunology and Medical Microbiology</i> , 2006, 46, 313-319.	2.7	192
5	Biotechnological applications of bacteriophages: State of the art. <i>Microbiological Research</i> , 2018, 212-213, 38-58.	2.5	191
6	Phage therapy: What factors shape phage pharmacokinetics and bioavailability? Systematic and critical review. <i>Medicinal Research Reviews</i> , 2019, 39, 2000-2025.	5.0	187
7	Immunogenicity Studies of Proteins Forming the T4 Phage Head Surface. <i>Journal of Virology</i> , 2014, 88, 12551-12557.	1.5	135
8	Oral Application of T4 Phage Induces Weak Antibody Production in the Gut and in the Blood. <i>Viruses</i> , 2015, 7, 4783-4799.	1.5	122
9	Phage Therapy: Combating Infections with Potential for Evolving from Merely a Treatment for Complications to Targeting Diseases. <i>Frontiers in Microbiology</i> , 2016, 7, 1515.	1.5	120
10	Phages and immunomodulation. <i>Future Microbiology</i> , 2017, 12, 905-914.	1.0	117
11	Pharmacologically Aware Phage Therapy: Pharmacodynamic and Pharmacokinetic Obstacles to Phage Antibacterial Action in Animal and Human Bodies. <i>Microbiology and Molecular Biology Reviews</i> , 2019, 83, .	2.9	116
12	Phage Therapy: What Have We Learned?. <i>Viruses</i> , 2018, 10, 288.	1.5	101
13	Phage therapy efficacy: a review of the last 10 years of preclinical studies. <i>Critical Reviews in Microbiology</i> , 2020, 46, 78-99.	2.7	90
14	T4 Phage Tail Adhesin Gp12 Counteracts LPS-Induced Inflammation In Vivo. <i>Frontiers in Microbiology</i> , 2016, 7, 1112.	1.5	83
15	Effects of bacteriophages on free radical production and phagocytic functions. <i>Medical Microbiology and Immunology</i> , 2006, 195, 143-150.	2.6	81
16	Facing Antibiotic Resistance: Staphylococcus aureus Phages as a Medical Tool. <i>Viruses</i> , 2014, 6, 2551-2570.	1.5	80
17	T4 Phage and Its Head Surface Proteins Do Not Stimulate Inflammatory Mediator Production. <i>PLoS ONE</i> , 2013, 8, e71036.	1.1	79
18	Bacteriophage preparation inhibition of reactive oxygen species generation by endotoxin-stimulated polymorphonuclear leukocytes. <i>Virus Research</i> , 2008, 131, 233-242.	1.1	78

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19	New insights into the possible role of bacteriophages in host defense and disease. <i>Medical Immunology</i> , 2003, 2, 2.	2.1	68
20	Correlations of Host Genetics and Gut Microbiome Composition. <i>Frontiers in Microbiology</i> , 2016, 7, 1357.	1.5	64
21	Engineered Bacteriophage Therapeutics: Rationale, Challenges and Future. <i>BioDrugs</i> , 2021, 35, 255-280.	2.2	62
22	Aggregation/dispersion transitions of T4 phage triggered by environmental ion availability. <i>Journal of Nanobiotechnology</i> , 2017, 15, 32.	4.2	54
23	Bacteriophages and cancer. <i>Archives of Microbiology</i> , 2010, 192, 315-320.	1.0	53
24	Induction of Phage-Specific Antibodies by Two Therapeutic Staphylococcal Bacteriophages Administered per os. <i>Frontiers in Immunology</i> , 2019, 10, 2607.	2.2	48
25	Hoc protein regulates the biological effects of T4 phage in mammals. <i>Archives of Microbiology</i> , 2007, 187, 489-498.	1.0	47
26	Structural, spectroscopic and cytotoxicity studies of TbF3@CeF3 and TbF3@CeF3@SiO2 nanocrystals. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1958.	0.8	46
27	Core/shell-type nanorods of Tb ³⁺ -doped LaPO ₄ , modified with amine groups, revealing reduced cytotoxicity. <i>Journal of Nanoparticle Research</i> , 2013, 15, 2068.	0.8	45
28	Spectroscopic, structural and in vitro cytotoxicity evaluation of luminescent, lanthanide doped core@shell nanomaterials GdVO ₄ :Eu ³⁺ +5%@SiO ₂ @NH ₂ . <i>Journal of Colloid and Interface Science</i> , 2016, 481, 245-255.	5.0	45
29	Phages targeting infected tissues: novel approach to phage therapy. <i>Future Microbiology</i> , 2015, 10, 199-204.	1.0	40
30	Safety Studies of Pneumococcal Endolysins Cpl-1 and Pal. <i>Viruses</i> , 2018, 10, 638.	1.5	40
31	Phage Therapy: The Pharmacology of Antibacterial Viruses. <i>Current Issues in Molecular Biology</i> , 2021, 40, 81-164.	1.0	40
32	Molecular imaging of T4 phage in mammalian tissues and cells. <i>Bacteriophage</i> , 2014, 4, e28364.	1.9	37
33	T4 bacteriophage as a phage display platform. <i>Archives of Microbiology</i> , 2014, 196, 473-479.	1.0	34
34	Anticancer activity of bacteriophage T4 and its mutant HAP1 in mouse experimental tumour models. <i>Anticancer Research</i> , 2004, 24, 3991-5.	0.5	34
35	Bacteriophage interactions with phagocytes and their potential significance in experimental therapy. <i>Clinical and Experimental Medicine</i> , 2009, 9, 93-100.	1.9	33
36	Purification of phage display-modified bacteriophage T4 by affinity chromatography. <i>BMC Biotechnology</i> , 2011, 11, 59.	1.7	32

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37	The effect of red-to-near-infrared (R/NIR) irradiation on inflammatory processes. <i>International Journal of Radiation Biology</i> , 2019, 95, 1326-1336.	1.0	32
38	Possible association between phages, Hoc protein, and the immune system. <i>Archives of Virology</i> , 2006, 151, 209-215.	0.9	29
39	Bacteriophages engineered to display foreign peptides may become short-circulating phages. <i>Microbial Biotechnology</i> , 2019, 12, 730-741.	2.0	29
40	A novel approach for separating bacteriophages from other bacteriophages using affinity chromatography and phage display. <i>Scientific Reports</i> , 2013, 3, 3220.	1.6	27
41	Delivering phage therapy <i>per os</i> : benefits and barriers. <i>Expert Review of Anti-Infective Therapy</i> , 2017, 15, 167-179.	2.0	27
42	Phage-specific antibodies. <i>Current Opinion in Biotechnology</i> , 2021, 68, 186-192.	3.3	25
43	Endocytosis in cellular uptake of drug delivery vectors: Molecular aspects in drug development. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115556.	1.4	24
44	Bacteriophages displaying anticancer peptides in combined antibacterial and anticancer treatment. <i>Future Microbiology</i> , 2014, 9, 861-869.	1.0	22
45	ClyJ Is a Novel Pneumococcal Chimeric Lysin with a Cysteine- and Histidine-Dependent Amidohydrolase/Peptidase Catalytic Domain. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	21
46	Immune Response to Therapeutic Staphylococcal Bacteriophages in Mammals: Kinetics of Induction, Immunogenic Structural Proteins, Natural and Induced Antibodies. <i>Frontiers in Immunology</i> , 2021, 12, 639570.	2.2	19
47	New insights into the possible role of bacteriophages in transplantation. <i>Transplantation Proceedings</i> , 2003, 35, 2372-2373.	0.3	17
48	Activity of Bacteriophages in Murine Tumor Models Depends on the Route of Phage Administration. <i>Oncology Research</i> , 2005, 15, 183-187.	0.6	16
49	The effect of bacteriophages T4 and HAP1 on in vitro melanoma migration. <i>BMC Microbiology</i> , 2009, 9, 13.	1.3	16
50	Real-Time qPCR as a Method for Detection of Antibody-Neutralized Phage Particles. <i>Frontiers in Microbiology</i> , 2017, 8, 2170.	1.5	15
51	Two novel temperate bacteriophages infecting <i>Streptococcus pyogenes</i> : Their genomes, morphology and stability. <i>PLoS ONE</i> , 2018, 13, e0205995.	1.1	15
52	Endocytosis of Bacteriophages. <i>Current Opinion in Virology</i> , 2022, 52, 229-235.	2.6	14
53	Isobaric duplex based on a combination of 16O/18O enzymatic exchange and labeling with pyrylium salts. <i>Analytica Chimica Acta</i> , 2019, 1048, 96-104.	2.6	13
54	DNA Dye Sytox Green in Detection of Bacteriolytic Activity: High Speed, Precision and Sensitivity Demonstrated With Endolysins. <i>Frontiers in Microbiology</i> , 2021, 12, 752282.	1.5	13

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55	Natural and Induced Antibodies Against Phages in Humans: Induction Kinetics and Immunogenicity for Structural Proteins of PB1-Related Phages. <i>Phage</i> , 2020, 1, 91-99.	0.8	12
56	Molecular modification of T4 bacteriophage proteins and its potential application – Review. <i>Folia Microbiologica</i> , 2009, 54, 5-15.	1.1	11
57	Application of 16S rRNA gene sequencing in <i>Helicobacter pylori</i> detection. <i>PeerJ</i> , 2020, 8, e9099.	0.9	10
58	Molecular and Chemical Engineering of Bacteriophages for Potential Medical Applications. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2015, 63, 117-127.	1.0	9
59	Circulation of Fluorescently Labelled Phage in a Murine Model. <i>Viruses</i> , 2021, 13, 297.	1.5	9
60	Recombinant Expression and Purification of T4 Phage Hoc, Soc, gp23, gp24 Proteins in Native Conformations with Stability Studies. <i>PLoS ONE</i> , 2012, 7, e38902.	1.1	9
61	Podocyturia as an early diagnostic marker of preeclampsia: a literature review. <i>Biomarkers</i> , 2018, 23, 207-212.	0.9	8
62	The effects of staphylococcal bacteriophage lysates on cancer cells in vitro. <i>Clinical and Experimental Medicine</i> , 2010, 10, 81-85.	1.9	7
63	Interaction of Bacteriophages with the Immune System: Induction of Bacteriophage-Specific Antibodies. <i>Methods in Molecular Biology</i> , 2018, 1693, 139-150.	0.4	7
64	Application of microbiological quantitative methods for evaluation of changes in the amount of bacteria in patients with wounds and purulent fistulas subjected to phage therapy and for assessment of phage preparation effectiveness (in vitro studies). <i>Advances in Medical Sciences</i> , 2013, 58, 257-264.	0.9	6
65	Enrichment of Cysteine-Containing Peptide by On-Resin Capturing and Fixed Charge Tag Derivatization for Sensitive ESI-MS Detection. <i>Molecules</i> , 2020, 25, 1372.	1.7	6
66	Phage Interaction with the Mammalian Immune System. , 2019, , 91-122.		6
67	Hidden fraction of Polish population immune to SARS-CoV-2 in May 2021. <i>PLoS ONE</i> , 2022, 17, e0253638.	1.1	6
68	Antitumor effect of combined treatment of mice with cytostatic agents and bacteriophage T4. <i>Anticancer Research</i> , 2009, 29, 2361-70.	0.5	4
69	Isolation of Competitive Phage Display-Modified Bacteriophage T4 with Affinity Chromatography. <i>Methods in Molecular Biology</i> , 2019, 1898, 81-87.	0.4	3
70	Bacteriophage Pharmacology and Immunology. , 2021, , 295-339.		3
71	Peptide Charge Derivatization as a Tool for Early Detection of Preeclampsia by Mass Spectrometry – A Comparison with the ELISA Test. <i>Molecules</i> , 2021, 26, 7102.	1.7	3
72	Interaction of Bacteriophages with Mammalian Cells. <i>Methods in Molecular Biology</i> , 2018, 1693, 113-122.	0.4	2

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73	Bacteriophage Pharmacology and Immunology. , 2018, , 1-45.		2
74	Phage Therapy: The Pharmacology of Antibacterial Viruses. , 2020, , .		2
75	Phage Therapy. Wikijournal of Medicine, 2021, 8, 4.	1.0	1