

Krystyna DÄbrowska

List of Publications by Year in descending order

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Version: 2024-02-01

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	Endocytosis of Bacteriophages. <i>Current Opinion in Virology</i> , 2022, 52, 229-235.	2.6	14
2	Hidden fraction of Polish population immune to SARS-CoV-2 in May 2021. <i>PLoS ONE</i> , 2022, 17, e0253638.	1.1	6
3	Phage Therapy: The Pharmacology of Antibacterial Viruses. <i>Current Issues in Molecular Biology</i> , 2021, 40, 81-164.	1.0	40
4	Bacteriophage Pharmacology and Immunology. , 2021, , 295-339.		3
5	Circulation of Fluorescently Labelled Phage in a Murine Model. <i>Viruses</i> , 2021, 13, 297.	1.5	9
6	Phage-specific antibodies. <i>Current Opinion in Biotechnology</i> , 2021, 68, 186-192.	3.3	25
7	Engineered Bacteriophage Therapeutics: Rationale, Challenges and Future. <i>BioDrugs</i> , 2021, 35, 255-280.	2.2	62
8	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
9	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
10	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
11	Phage Therapy. <i>Wikijournal of Medicine</i> , 2021, 8, 4.	1.0	1
12	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
13	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
14	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
15	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
16	Application of 16S rRNA gene sequencing in <i>Helicobacter pylori</i> detection. <i>PeerJ</i> , 2020, 8, e9099.	0.9	10
17	Phage Therapy: The Pharmacology of Antibacterial Viruses. , 2020, , .		2
18	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

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19	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
20	Bacteriophages engineered to display foreign peptides may become short-circulating phages. <i>Microbial Biotechnology</i> , 2019, 12, 730-741.	2.0	29
21	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
22	Induction of Phage-Specific Antibodies by Two Therapeutic Staphylococcal Bacteriophages Administered per os. <i>Frontiers in Immunology</i> , 2019, 10, 2607.	2.2	48
23	Isolation of Competitive Phage Display-Modified Bacteriophage T4 with Affinity Chromatography. <i>Methods in Molecular Biology</i> , 2019, 1898, 81-87.	0.4	3
24	Interactions between Bacteriophage, Bacteria, and the Mammalian Immune System. <i>Viruses</i> , 2019, 11, 10.	1.5	236
25	Isobaric duplex based on a combination of ¹⁶ O/ ¹⁸ O enzymatic exchange and labeling with pyrylium salts. <i>Analytica Chimica Acta</i> , 2019, 1048, 96-104.	2.6	13
26	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
27	Phage Interaction with the Mammalian Immune System. , 2019, , 91-122.		6
28	Biotechnological applications of bacteriophages: State of the art. <i>Microbiological Research</i> , 2018, 212-213, 38-58.	2.5	191
29	Interaction of Bacteriophages with Mammalian Cells. <i>Methods in Molecular Biology</i> , 2018, 1693, 113-122.	0.4	2
30	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
31	Podocyturia as an early diagnostic marker of preeclampsia: a literature review. <i>Biomarkers</i> , 2018, 23, 207-212.	0.9	8
32	Safety Studies of Pneumococcal Endolysins Cpl-1 and Pal. <i>Viruses</i> , 2018, 10, 638.	1.5	40
33	Two novel temperate bacteriophages infecting <i>Streptococcus pyogenes</i> : Their genomes, morphology and stability. <i>PLoS ONE</i> , 2018, 13, e0205995.	1.1	15
34	Phage Therapy: What Have We Learned?. <i>Viruses</i> , 2018, 10, 288.	1.5	101
35	Bacteriophage Pharmacology and Immunology. , 2018, , 1-45.		2
36	Phages and immunomodulation. <i>Future Microbiology</i> , 2017, 12, 905-914.	1.0	117

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37	Aggregation/dispersion transitions of T4 phage triggered by environmental ion availability. <i>Journal of Nanobiotechnology</i> , 2017, 15, 32.	4.2	54
38	Delivering phage therapy <i>in vivo</i> : benefits and barriers. <i>Expert Review of Anti-Infective Therapy</i> , 2017, 15, 167-179.	2.0	27
39	Real-Time qPCR as a Method for Detection of Antibody-Neutralized Phage Particles. <i>Frontiers in Microbiology</i> , 2017, 8, 2170.	1.5	15
40	T4 Phage Tail Adhesin Gp12 Counteracts LPS-Induced Inflammation <i>In Vivo</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 1112.	1.5	83
41	Correlations of Host Genetics and Gut Microbiome Composition. <i>Frontiers in Microbiology</i> , 2016, 7, 1357.	1.5	64
42	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
43	Spectroscopic, structural and <i>in vitro</i> cytotoxicity evaluation of luminescent, lanthanide doped core-shell nanomaterials GdVO ₄ :Eu ³⁺ @SiO ₂ @NH ₂ . <i>Journal of Colloid and Interface Science</i> , 2016, 481, 245-255.	5.0	45
44	Mammalian Host-Versus-Phage immune response determines phage fate <i>in vivo</i> . <i>Scientific Reports</i> , 2015, 5, 14802.	1.6	201
45	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
46	Phages targeting infected tissues: novel approach to phage therapy. <i>Future Microbiology</i> , 2015, 10, 199-204.	1.0	40
47	Molecular and Chemical Engineering of Bacteriophages for Potential Medical Applications. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2015, 63, 117-127.	1.0	9
48	Facing Antibiotic Resistance: <i>Staphylococcus aureus</i> Phages as a Medical Tool. <i>Viruses</i> , 2014, 6, 2551-2570.	1.5	80
49	Molecular imaging of T4 phage in mammalian tissues and cells. <i>Bacteriophage</i> , 2014, 4, e28364.	1.9	37
50	Immunogenicity Studies of Proteins Forming the T4 Phage Head Surface. <i>Journal of Virology</i> , 2014, 88, 12551-12557.	1.5	135
51	T4 bacteriophage as a phage display platform. <i>Archives of Microbiology</i> , 2014, 196, 473-479.	1.0	34
52	Bacteriophages displaying anticancer peptides in combined antibacterial and anticancer treatment. <i>Future Microbiology</i> , 2014, 9, 861-869.	1.0	22
53	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 (<i>in vitro</i> studies). <i>Advances in Medical Sciences</i> , 2013, 58, 257-264.	0.9	6
54	Structural, spectroscopic and cytotoxicity studies of TbF ₃ @CeF ₃ and TbF ₃ @CeF ₃ @SiO ₂ nanocrystals. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1958.	0.8	46

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55	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
56	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
57	T4 Phage and Its Head Surface Proteins Do Not Stimulate Inflammatory Mediator Production. <i>PLoS ONE</i> , 2013, 8, e71036.	1.1	79
58	Phage as a Modulator of Immune Responses. <i>Advances in Virus Research</i> , 2012, 83, 41-71.	0.9	206
59	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
60	Purification of phage display-modified bacteriophage T4 by affinity chromatography. <i>BMC Biotechnology</i> , 2011, 11, 59.	1.7	32
61	Bacteriophages and cancer. <i>Archives of Microbiology</i> , 2010, 192, 315-320.	1.0	53
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	The effect of bacteriophages T4 and HAP1 on in vitro melanoma migration. <i>BMC Microbiology</i> , 2009, 9, 13.	1.3	16
64	Bacteriophage interactions with phagocytes and their potential significance in experimental therapy. <i>Clinical and Experimental Medicine</i> , 2009, 9, 93-100.	1.9	33
65	Molecular modification of T4 bacteriophage proteins and its potential application – Review. <i>Folia Microbiologica</i> , 2009, 54, 5-15.	1.1	11
66	Antitumor effect of combined treatment of mice with cytostatic agents and bacteriophage T4. <i>Anticancer Research</i> , 2009, 29, 2361-70.	0.5	4
67	Bacteriophage preparation inhibition of reactive oxygen species generation by endotoxin-stimulated polymorphonuclear leukocytes. <i>Virus Research</i> , 2008, 131, 233-242.	1.1	78
68	Hoc protein regulates the biological effects of T4 phage in mammals. <i>Archives of Microbiology</i> , 2007, 187, 489-498.	1.0	47
69	Bacteriophage translocation. <i>FEMS Immunology and Medical Microbiology</i> , 2006, 46, 313-319.	2.7	192
70	Possible association between phages, Hoc protein, and the immune system. <i>Archives of Virology</i> , 2006, 151, 209-215.	0.9	29
71	Effects of bacteriophages on free radical production and phagocytic functions. <i>Medical Microbiology and Immunology</i> , 2006, 195, 143-150.	2.6	81
72	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

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73	Anticancer activity of bacteriophage T4 and its mutant HAP1 in mouse experimental tumour models. Anticancer Research, 2004, 24, 3991-5.	0.5	34
74	New insights into the possible role of bacteriophages in transplantation. Transplantation Proceedings, 2003, 35, 2372-2373.	0.3	17
75	New insights into the possible role of bacteriophages in host defense and disease. Medical Immunology, 2003, 2, 2.	2.1	68