

George V Tetz

List of Publications by Year in descending order

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47
papers

1,329
citations

471509

17
h-index

377865

34
g-index

56
all docs

56
docs citations

56
times ranked

1695
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of DNase and Antibiotics on Biofilm Characteristics. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 1204-1209.	3.2	313
2	Bacteriophages as potential new mammalian pathogens. <i>Scientific Reports</i> , 2017, 7, 7043.	3.3	94
3	Parkinson's disease and bacteriophages as its overlooked contributors. <i>Scientific Reports</i> , 2018, 8, 10812.	3.3	93
4	Effect of Extracellular DNA Destruction by DNase I on Characteristics of Forming Biofilms. <i>DNA and Cell Biology</i> , 2010, 29, 399-405.	1.9	76
5	Bacteriophage infections of microbiota can lead to leaky gut in an experimental rodent model. <i>Gut Pathogens</i> , 2016, 8, 33.	3.4	63
6	Bacteriophages as New Human Viral Pathogens. <i>Microorganisms</i> , 2018, 6, 54.	3.6	61
7	Type 1 Diabetes: an Association Between Autoimmunity, the Dynamics of Gut Amyloid-producing <i>E. coli</i> and Their Phages. <i>Scientific Reports</i> , 2019, 9, 9685.	3.3	53
8	AAV-mediated gene transfer of DNase I in the liver of mice with colorectal cancer reduces liver metastasis and restores local innate and adaptive immune response. <i>Molecular Oncology</i> , 2020, 14, 2920-2935.	4.6	53
9	Introducing the sporobiota and sporobiome. <i>Gut Pathogens</i> , 2017, 9, 38.	3.4	52
10	Prion-like Domains in Eukaryotic Viruses. <i>Scientific Reports</i> , 2018, 8, 8931.	3.3	43
11	Bacterial DNA promotes Tau aggregation. <i>Scientific Reports</i> , 2020, 10, 2369.	3.3	43
12	Boron-Containing Peptidomimetics – A Novel Class of Selective Anti-tubercular Drugs. <i>Chemical Biology and Drug Design</i> , 2013, 81, 408-413.	3.2	36
13	Syntheses and anti-tubercular activity of α -substituted and β -disubstituted peptidyl α -aminoboronates and boronic acids. <i>Journal of Peptide Science</i> , 2013, 19, 613-618.	1.4	32
14	Prion-Like Domains in Phagobiota. <i>Frontiers in Microbiology</i> , 2017, 8, 2239.	3.5	28
15	Complete Genome Sequence of <i>Kluyvera intestini</i> sp. nov., Isolated from the Stomach of a Patient with Gastric Cancer. <i>Genome Announcements</i> , 2017, 5, .	0.8	26
16	Prion-like Domains in Spike Protein of SARS-CoV-2 Differ across Its Variants and Enable Changes in Affinity to ACE2. <i>Microorganisms</i> , 2022, 10, 280.	3.6	25
17	Effect of deoxyribonuclease I treatment for dementia in end-stage Alzheimer's disease: a case report. <i>Journal of Medical Case Reports</i> , 2016, 10, 131.	0.8	22
18	Genomic characterization and assessment of the virulence and antibiotic resistance of the novel species <i>Paenibacillus</i> sp. strain VT-400, a potentially pathogenic bacterium in the oral cavity of patients with hematological malignancies. <i>Gut Pathogens</i> , 2016, 8, 6.	3.4	20

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19	Bacterial Extracellular DNA Promotes β -Amyloid Aggregation. <i>Microorganisms</i> , 2021, 9, 1301.	3.6	19
20	In vitro antimicrobial activity of a novel compound, Mul-1867, against clinically important bacteria. <i>Antimicrobial Resistance and Infection Control</i> , 2015, 4, 45.	4.1	18
21	<i>In Vitro</i> Activity of a Novel Antifungal Compound, MYC-053, against Clinically Significant Antifungal-Resistant Strains of <i>Candida glabrata</i> , <i>Candida auris</i> , <i>Cryptococcus neoformans</i> , and <i>Pneumocystis</i> spp. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	15
22	A new biological definition of life. <i>Biomolecular Concepts</i> , 2020, 11, 1-6.	2.2	13
23	Complete Genome Sequence of Bacilli bacterium Strain VT-13-104 Isolated from the Intestine of a Patient with Duodenal Cancer. <i>Genome Announcements</i> , 2015, 3, .	0.8	12
24	Draft Genome Sequence of <i>Tetrasporium hominis</i> VT-49 gen. nov., sp. nov., Isolated from the Dental Decay Plaque of a Patient with Periodontitis. <i>Genome Announcements</i> , 2018, 6, .	0.8	11
25	Neutrophil Extracellular Traps (NETs): Opportunities for Targeted Therapy. <i>Acta Naturae</i> , 2021, 13, 15-23.	1.7	11
26	Bacterial DNA induces the formation of heat-resistant disease-associated proteins in human plasma. <i>Scientific Reports</i> , 2019, 9, 17995.	3.3	10
27	Draft Genome Sequence of the Uropathogenic <i>Herbaspirillum frisingense</i> Strain <i>ureolyticus</i> VT-16-41. <i>Genome Announcements</i> , 2017, 5, .	0.8	9
28	Draft Genome Sequence of <i>Bacillus obstructivus</i> VT-16-70 Isolated from the Bronchoalveolar Lavage Fluid of a Patient with Chronic Obstructive Pulmonary Disease. <i>Genome Announcements</i> , 2017, 5, .	0.8	8
29	Complete Genome Sequence of <i>Paenibacillus</i> sp. Strain VT 400, Isolated from the Saliva of a Child with Acute Lymphoblastic Leukemia. <i>Genome Announcements</i> , 2015, 3, .	0.8	7
30	Complete Genome Sequence of the <i>Streptococcus</i> sp. Strain VT 162, Isolated from the Saliva of Pediatric Oncohematology Patients. <i>Genome Announcements</i> , 2014, 2, .	0.8	6
31	Draft Genome Sequence of a Strain of <i>Bacillus intestinalis</i> sp. nov., a New Member of Sporobiota Isolated from the Small Intestine of a Single Patient with Intestinal Cancer. <i>Genome Announcements</i> , 2017, 5, .	0.8	6
32	Draft Genome Sequence of <i>Chryseobacterium mucoviscidosis</i> sp. nov. Strain VT16-26, Isolated from the Bronchoalveolar Lavage Fluid of a Patient with Cystic Fibrosis. <i>Genome Announcements</i> , 2018, 6, .	0.8	6
33	Draft Genome Sequence of <i>Kluyvera intestini</i> Strain GT-16 Isolated from the Stomach of a Patient with Gastric Cancer. <i>Genome Announcements</i> , 2016, 4, .	0.8	5
34	In vitro activity of a novel compound, Mul-1867, against clinically significant fungi <i>Candida</i> spp. and <i>Aspergillus</i> spp.. <i>International Journal of Antimicrobial Agents</i> , 2017, 50, 47-54.	2.5	5
35	Draft Genome Sequence of <i>Streptococcus halitosis</i> sp. nov., Isolated from the Dorsal Surface of the Tongue of a Patient with Halitosis. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	5
36	Evaluation of a New Culture-Based AtbFinder Test-System Employing a Novel Nutrient Medium for the Selection of Optimal Antibiotics for Critically Ill Patients with Polymicrobial Infections within 4 h. <i>Microorganisms</i> , 2021, 9, 990.	3.6	4

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37	Antimicrobial activity of mul-1867, a novel antimicrobial compound, against multidrug-resistant <i>Pseudomonas aeruginosa</i> . <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2016, 15, 19.	3.8	3
38	Characteristics of Bacterial Biofilms during Long-Term Culturing. <i>Bulletin of Experimental Biology and Medicine</i> , 2013, 155, 467-469.	0.8	2
39	DNase I Treatment Reduces GVHD in Mice. <i>Biology of Blood and Marrow Transplantation</i> , 2015, 21, S339.	2.0	2
40	Optimization of the Protocol for the Isolation and Refolding of the Extracellular Domain of HER2 Expressed in <i>Escherichia coli</i> . <i>Acta Naturae</i> , 2014, 6, 106-109.	1.7	2
41	Draft Genome Sequence of <i>Acinetobacter</i> sp. Strain VT-511 Isolated from the Stomach of a Patient with Gastric Cancer. <i>Genome Announcements</i> , 2015, 3, .	0.8	1
42	Complete Genome Sequence of a Novel <i>Bacillus</i> sp. VT 712 Strain Isolated from the Duodenum of a Patient with Intestinal Cancer. <i>Genome Announcements</i> , 2016, 4, .	0.8	1
43	WS03.6 Study of Mul-1867, a drug candidate for inhalation therapy of pulmonary exacerbations in patients with cystic fibrosis against mixed infections caused by clinical isolates of <i>P. aeruginosa</i> , <i>S. aureus</i> and <i>C. albicans</i> in murine lung infection model. <i>Journal of Cystic Fibrosis</i> , 2016, 15, S6.	0.7	1
44	Draft Genome Sequence of <i>Bacillus respiratorii</i> VT-16-64, Isolated from the Bronchiolar Alveolar Lavage Fluid of a Patient with Chronic Obstructive Pulmonary Disease. <i>Genome Announcements</i> , 2017, 5, .	0.8	1
45	Tetz's theory and law of longevity. <i>Theory in Biosciences</i> , 2018, 137, 145-154.	1.4	1
46	Microbiota and cancer (review of literature). <i>Uchenye Zapiski Sankt-Peterburgskogo Gosudarstvennogo Medicinskogo Universiteta Im Akad I P Pavlova</i> , 2021, 27, 14-27.	0.2	0
47	1694-P: A New Developmental Model of Type 1 Diabetes—An Association between Autoimmunity, the Dynamics of Gut Amyloid-Producing <i>E. Coli</i> , and Their Phages. <i>Diabetes</i> , 2019, 68, 1694-P.	0.6	0