

Alexandr Nemec

List of Publications by Year in descending order

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79
papers

6,455
citations

81900

39
h-index

66911

78
g-index

85
all docs

85
docs citations

85
times ranked

5429
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Acinetobacter silvestris</i> sp. nov. discovered in forest ecosystems in Czechia. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	1.7	7
2	Strain "Acinetobacter mesopotamicus" GC2 Does Not Represent a Novel Species, but Belongs to the Species <i>Acinetobacter lwoffii</i> as Revealed by Whole-Genome Sequence-Based Analysis. <i>Current Microbiology</i> , 2021, 78, 369-370.	2.2	5
3	Delineation of a novel environmental phylogroup of the genus <i>Acinetobacter</i> encompassing <i>Acinetobacter terrae</i> sp. nov., <i>Acinetobacter terrestris</i> sp. nov. and three other tentative species. <i>Systematic and Applied Microbiology</i> , 2021, 44, 126217.	2.8	40
4	Novel lipophosphonoxin-loaded polycaprolactone electrospun nanofiber dressing reduces <i>Staphylococcus aureus</i> induced wound infection in mice. <i>Scientific Reports</i> , 2021, 11, 17688.	3.3	13
5	Pathogenic <i>Acinetobacter</i> species including the novel <i>Acinetobacter dijkshoorniae</i> recovered from market meat in Peru. <i>International Journal of Food Microbiology</i> , 2019, 305, 108248.	4.7	18
6	The use of genomic DNA sequences as type material for valid publication of bacterial species names will have severe implications for clinical microbiology and related disciplines. <i>Diagnostic Microbiology and Infectious Disease</i> , 2019, 95, 102-103.	1.8	15
7	<i>Acinetobacter cumulans</i> sp. nov., isolated from hospital sewage and capable of acquisition of multiple antibiotic resistance genes. <i>Systematic and Applied Microbiology</i> , 2019, 42, 319-325.	2.8	24
8	Differentiation of Taxonomically Closely Related Species of the Genus <i>Acinetobacter</i> Using Raman Spectroscopy and Chemometrics. <i>Molecules</i> , 2019, 24, 168.	3.8	4
9	Revising the taxonomy of the <i>Acinetobacter lwoffii</i> group: The description of <i>Acinetobacter pseudolwoffii</i> sp. nov. and emended description of <i>Acinetobacter lwoffii</i> . <i>Systematic and Applied Microbiology</i> , 2019, 42, 159-167.	2.8	45
10	Limitations of routine MALDI-TOF mass spectrometric identification of <i>Acinetobacter</i> species and remedial actions. <i>Journal of Microbiological Methods</i> , 2018, 154, 79-85.	1.6	15
11	<i>Acinetobacter wuhouensis</i> sp. nov., isolated from hospital sewage. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 3212-3216.	1.7	12
12	Identification of <i>Acinetobacter seifertii</i> isolated from Bolivian hospitals. <i>Journal of Medical Microbiology</i> , 2018, 67, 834-837.	1.8	9
13	Ability of phages to infect <i>Acinetobacter calcoaceticus</i> - <i>Acinetobacter baumannii</i> complex species through acquisition of different pectate lyase depolymerase domains. <i>Environmental Microbiology</i> , 2017, 19, 5060-5077.	3.8	81
14	<i>Acinetobacter colistiniresistens</i> sp. nov. (formerly genomic species 13 sensu Bouvet and Jeanjean and) Tj ETQq0 0 0 rgBT /Overlock 10 T intrinsic resistance to polymyxins. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 2134-2141.	1.7	49
15	<i>Acinetobacter guangdongensis</i> Feng et al. 2014 is a junior heterotypic synonym of <i>Acinetobacter indicus</i> Malhotra et al. 2012. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 4080-4082.	1.7	7
16	Differentiation of pulmonary bacterial pathogens in cystic fibrosis by volatile metabolites emitted by their <i>in vitro</i> cultures: <i>Pseudomonas aeruginosa</i> , <i>Staphylococcus aureus</i> , <i>Stenotrophomonas maltophilia</i> and the <i>Burkholderia cepacia</i> complex. <i>Journal of Breath Research</i> , 2016, 10, 037102.	3.0	33
17	Origin in <i>Acinetobacter gyllenbergii</i> and dissemination of aminoglycoside-modifying enzyme AAC(6â€²)-Ih. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 601-606.	3.0	20
18	Taxonomy of haemolytic and/or proteolytic strains of the genus <i>Acinetobacter</i> with the proposal of <i>Acinetobacter courvalinii</i> sp. nov. (genomic species 14 sensu Bouvet & Jeanjean), <i>Acinetobacter dispersus</i> sp. nov. (genomic species 17), <i>Acinetobacter modestus</i> sp. nov., <i>Acinetobacter proteolyticus</i> sp. nov. and <i>Acinetobacter vivianii</i> sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 1673-1685.	1.7	73

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19	<i>Acinetobacter pragensis</i> sp. nov., found in soil and water ecosystems. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 3897-3903.	1.7	23
20	<i>Acinetobacter celticus</i> sp. nov., a psychrotolerant species widespread in natural soil and water ecosystems. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 5392-5398.	1.7	18
21	<i>Acinetobacter pakistanensis</i> Abbas et al. 2014 is a later heterotypic synonym of <i>Acinetobacter bohemicus</i> Krizova et al. 2014. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 5614-5617.	1.7	12
22	<i>Acinetobacter variabilis</i> sp. nov. (formerly DNA group 15 sensu Tjernberg & Ursing), isolated from humans and animals. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 857-863.	1.7	35
23	<i>Acinetobacter seifertii</i> sp. nov., a member of the <i>Acinetobacter calcoaceticus</i> – <i>Acinetobacter baumannii</i> complex isolated from human clinical specimens. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 934-942.	1.7	137
24	Differentiation of <i>Acinetobacter</i> Genomic Species 13BJ/14TU from <i>Acinetobacter haemolyticus</i> by Use of Matrix-Assisted Laser Desorption Ionization–Time of Flight Mass Spectrometry (MALDI-TOF MS): TABLE 1. Journal of Clinical Microbiology, 2015, 53, 3384-3386.	3.9	7
25	Quantitative analysis of volatile metabolites released <i>in vitro</i> by bacteria of the genus <i>Stenotrophomonas</i> for identification of breath biomarkers of respiratory infection in cystic fibrosis. Journal of Breath Research, 2015, 9, 027104.	3.0	39
26	A Taxonomically Unique <i>Acinetobacter</i> Strain with Proteolytic and Hemolytic Activities Recovered from a Patient with a Soft Tissue Injury. Journal of Clinical Microbiology, 2015, 53, 349-351.	3.9	13
27	<i>Acinetobacter albensis</i> sp. nov., isolated from natural soil and water ecosystems. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 3905-3912.	1.7	45
28	Origin in <i>Acinetobacter guillouiae</i> and Dissemination of the Aminoglycoside-Modifying Enzyme Aph(3a ²)-VI. MBio, 2014, 5, e01972-14.	4.1	49
29	The Genomic Diversification of the Whole <i>Acinetobacter</i> Genus: Origins, Mechanisms, and Consequences. Genome Biology and Evolution, 2014, 6, 2866-2882.	2.5	269
30	MALDI-TOF MS and chemometric based identification of the <i>Acinetobacter calcoaceticus</i> - <i>Acinetobacter baumannii</i> complex species. International Journal of Medical Microbiology, 2014, 304, 669-677.	3.6	53
31	Discrimination of the <i>Acinetobacter calcoaceticus</i> – <i>Acinetobacter baumannii</i> complex species by Fourier transform infrared spectroscopy. European Journal of Clinical Microbiology and Infectious Diseases, 2014, 33, 1345-1353.	2.9	18
32	<i>Acinetobacter gandensis</i> sp. nov. isolated from horse and cattle. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 4007-4015.	1.7	31
33	<i>Acinetobacter bohemicus</i> sp. nov. widespread in natural soil and water ecosystems in the Czech Republic. Systematic and Applied Microbiology, 2014, 37, 467-473.	2.8	60
34	Identification of 50 Class D β -Lactamases and 65 <i>Acinetobacter</i> -Derived Cephalosporinases in <i>Acinetobacter</i> spp. Antimicrobial Agents and Chemotherapy, 2014, 58, 936-949.	3.2	81
35	TEM-1 β -lactamase as a source of resistance to sulbactam in clinical strains of <i>Acinetobacter baumannii</i> . Journal of Antimicrobial Chemotherapy, 2013, 68, 2786-2791.	3.0	107
36	Improvement of MALDI-TOF MS profiling for the differentiation of species within the <i>Acinetobacter calcoaceticus</i> – <i>Acinetobacter baumannii</i> complex. Systematic and Applied Microbiology, 2013, 36, 572-578.	2.8	49

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37	Staring at the Cold Sun: Blue Light Regulation Is Distributed within the Genus <i>Acinetobacter</i> . <i>PLoS ONE</i> , 2013, 8, e55059.	2.5	49
38	OXA-23-producing <i>Acinetobacter</i> species from horses: a public health hazard?. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 3009-3010.	3.0	58
39	Association between β -Lactamase-Encoding <i>bla</i> _{OXA-51} Variants and DiversiLab Rep-PCR-Based Typing of <i>Acinetobacter baumannii</i> Isolates. <i>Journal of Clinical Microbiology</i> , 2012, 50, 1900-1904.	3.9	72
40	Molecular and phenotypic characterization of <i>Acinetobacter</i> strains able to degrade diesel fuel. <i>Research in Microbiology</i> , 2012, 163, 161-172.	2.1	49
41	Characterization of a multidrug-resistant <i>Acinetobacter baumannii</i> strain carrying the bla _{NDM-1} and bla _{OXA-23} carbapenemase genes from the Czech Republic. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 1550-1552.	3.0	26
42	Variability in the concentrations of volatile metabolites emitted by genotypically different strains of <i>Pseudomonas aeruginosa</i> . <i>Journal of Applied Microbiology</i> , 2012, 113, 701-713.	3.1	81
43	Genotypic and phenotypic characterization of the <i>Acinetobacter calcoaceticus</i> – <i>Acinetobacter baumannii</i> complex with the proposal of <i>Acinetobacter pittii</i> sp. nov. (formerly <i>Acinetobacter genomic</i>) Tj ETQq1 1 0.784314.rgBT /Over <i>Research in Microbiology</i> , 2011, 162, 393-404.	2.1	31
44	Quantification of methyl thiocyanate in the headspace of <i>Pseudomonas aeruginosa</i> cultures and in the breath of cystic fibrosis patients by selected ion flow tube mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 2459-2467.	1.5	80
45	Diversity and Evolution of <i>AbaR</i> Genomic Resistance Islands in <i>Acinetobacter baumannii</i> Strains of European Clone I. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 3201-3206.	3.2	99
46	<i>Acinetobacter bereziniae</i> sp. nov. and <i>Acinetobacter guillouiae</i> sp. nov., to accommodate <i>Acinetobacter genomic</i> species 10 and 11, respectively. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 896-903.	1.7	100
47	Variations in colistin susceptibility among different species of the genus <i>Acinetobacter</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 367-369.	3.0	23
48	A 63 kb genomic resistance island found in a multidrug-resistant <i>Acinetobacter baumannii</i> isolate of European clone I from 1977. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 1915-1918.	3.0	34
49	Multidrug-resistant epidemic clones among bloodstream isolates of <i>Pseudomonas aeruginosa</i> in the Czech Republic. <i>Research in Microbiology</i> , 2010, 161, 234-242.	2.1	49
50	The Population Structure of <i>Acinetobacter baumannii</i> : Expanding Multiresistant Clones from an Ancestral Susceptible Genetic Pool. <i>PLoS ONE</i> , 2010, 5, e10034.	2.5	658
51	Description of <i>Acinetobacter venetianus</i> ex Di Cello et al. 1997 sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 1376-1381.	1.7	41
52	<i>Acinetobacter beijerinckii</i> sp. nov. and <i>Acinetobacter gyllenbergii</i> sp. nov., haemolytic organisms isolated from humans. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 118-124.	1.7	143
53	Reclassification of <i>Acinetobacter grimontii</i> Carr et al. 2003 as a later synonym of <i>Acinetobacter junii</i> Bouvet and Grimont 1986. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 937-940.	1.7	33
54	Lack of Evidence for <i>Acinetobacter septicus</i> as a Species Different from <i>Acinetobacter ursingii</i> ?. <i>Journal of Clinical Microbiology</i> , 2008, 46, 2826-2827.	3.9	12

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55	Emergence of carbapenem resistance in <i>Acinetobacter baumannii</i> in the Czech Republic is associated with the spread of multidrug-resistant strains of European clone II. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 62, 484-489.	3.0	134
56	Relationship between the AdeABC efflux system gene content, netilmicin susceptibility and multidrug resistance in a genotypically diverse collection of <i>Acinetobacter baumannii</i> strains. <i>Journal of Antimicrobial Chemotherapy</i> , 2007, 60, 483-489.	3.0	92
57	High genotypic diversity of <i>Pseudomonas aeruginosa</i> strains isolated from patients with cystic fibrosis in the Czech Republic. <i>Research in Microbiology</i> , 2007, 158, 324-329.	2.1	18
58	An increasing threat in hospitals: multidrug-resistant <i>Acinetobacter baumannii</i> . <i>Nature Reviews Microbiology</i> , 2007, 5, 939-951.	28.6	1,520
59	Naturally Transformable <i>Acinetobacter</i> sp. Strain ADP1 Belongs to the Newly Described Species <i>Acinetobacter baylyi</i> . <i>Applied and Environmental Microbiology</i> , 2006, 72, 932-936.	3.1	128
60	Nosocomial Bacteremia Due to an As Yet Unclassified <i>Acinetobacter</i> Genomic Species 17-Like Strain. <i>Journal of Clinical Microbiology</i> , 2006, 44, 1587-1589.	3.9	8
61	Prevalence of <i>Acinetobacter baumannii</i> and other <i>Acinetobacter</i> spp. in faecal samples from non-hospitalised individuals. <i>Clinical Microbiology and Infection</i> , 2005, 11, 329-332.	6.0	63
62	Repetitive-DNA-element PCR fingerprinting and antibiotic resistance of pan-European multi-resistant <i>Acinetobacter baumannii</i> clone III strains. <i>Journal of Medical Microbiology</i> , 2005, 54, 851-856.	1.8	25
63	Sequence-Based Typing of <i>adeB</i> as a Potential Tool To Identify Intraspecific Groups among Clinical Strains of Multidrug-Resistant <i>Acinetobacter baumannii</i> . <i>Journal of Clinical Microbiology</i> , 2005, 43, 5327-5331.	3.9	43
64	Distribution of tetracycline resistance genes in genotypically related and unrelated multiresistant <i>Acinetobacter baumannii</i> strains from different European hospitals. <i>Research in Microbiology</i> , 2005, 156, 348-355.	2.1	78
65	Long-term predominance of two pan-European clones among multi-resistant <i>Acinetobacter baumannii</i> strains in the Czech Republic. <i>Journal of Medical Microbiology</i> , 2004, 53, 147-153.	1.8	101
66	Diversity of aminoglycoside-resistance genes and their association with class 1 integrons among strains of pan-European <i>Acinetobacter baumannii</i> clones. <i>Journal of Medical Microbiology</i> , 2004, 53, 1233-1240.	1.8	175
67	The Synthetic N-Terminal Peptide of Human Lactoferrin, hLF(1-11), Is Highly Effective against Experimental Infection Caused by Multidrug-Resistant <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 4919-4921.	3.2	75
68	Detection and characterization of feline <i>Bartonella henselae</i> in the Czech Republic. <i>Veterinary Microbiology</i> , 2003, 93, 261-273.	1.9	13
69	<i>Acinetobacter parvus</i> sp. nov., a small-colony-forming species isolated from human clinical specimens. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003, 53, 1563-1567.	1.7	78
70	Identification of <i>Acinetobacter</i> Isolates from Species Belonging to the <i>Acinetobacter calcoaceticus</i> - <i>Acinetobacter baumannii</i> Complex with Monoclonal Antibodies Specific for O Antigens of Their Lipopolysaccharides. <i>Vaccine Journal</i> , 2002, 9, 60-65.	3.1	9
71	Direct PCR Detection of <i>Burkholderia cepacia</i> Complex and Identification of Its Genomovars by Using Sputum as Source of DNA. <i>Journal of Clinical Microbiology</i> , 2002, 40, 3485-3488.	3.9	26
72	Bacterial colonisation in the gut of <i>Phlebotomus duboscqi</i> (Diptera: Psychodidae): transtadial passage and the role of female diet. <i>Folia Parasitologica</i> , 2002, 49, 73-77.	1.3	69

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73	O-Antigen Diversity among <i>Acinetobacter baumannii</i> Strains from the Czech Republic and Northwestern Europe, as Determined by Lipopolysaccharide-Specific Monoclonal Antibodies. <i>Journal of Clinical Microbiology</i> , 2001, 39, 2576-2580.	3.9	34
74	<i>Acinetobacter ursingii</i> sp. nov. and <i>Acinetobacter schindleri</i> sp. nov., isolated from human clinical specimens.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2001, 51, 1891-1899.	1.7	164
75	Recognition of Two Novel Phenons of the Genus <i>Acinetobacter</i> among Non-Glucose-Acidifying Isolates from Human Specimens. <i>Journal of Clinical Microbiology</i> , 2000, 38, 3937-3941.	3.9	70
76	Genotypic and phenotypic similarity of multiresistant <i>Acinetobacter baumannii</i> isolates in the Czech Republic. <i>Journal of Medical Microbiology</i> , 1999, 48, 287-296.	1.8	58
77	Detection and Identification of <i>Citrobacter sedlakii</i> in the Czech Republic. <i>Zentralblatt Fur Bakteriologie: International Journal of Medical Microbiology</i> , 1997, 285, 389-396.	0.5	4
78	Conserved amino acid residues in the primary structure of ribosomal protein S20 from selected Gram-negative bacteria. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1995, 1263, 154-158.	2.4	1
79	<i>Acinetobacter</i> , <i>Chryseobacterium</i> , <i>Moraxella</i> , and Other Nonfermentative Gram-Negative Rods. , 0, , 813-837.		21