

# Alexandr Nemec

## List of Publications by Year in descending order

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79  
papers

6,455  
citations

81900

39  
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66911

78  
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85  
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85  
docs citations

85  
times ranked

5429  
citing authors

#	ARTICLE	IF	CITATIONS
1	An increasing threat in hospitals: multidrug-resistant <i>Acinetobacter baumannii</i> . <i>Nature Reviews Microbiology</i> , 2007, 5, 939-951.	28.6	1,520
2	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
3	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 /Ov 311 <i>Research in Microbiology</i> , 2011, 162, 393-404.	2.1	311
4	The Genomic Diversification of the Whole <i>Acinetobacter</i> Genus: Origins, Mechanisms, and Consequences. <i>Genome Biology and Evolution</i> , 2014, 6, 2866-2882.	2.5	269
5	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
6	<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
7	<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
8	<i>Acinetobacter seifertii</i> sp. nov., a member of the <i>Acinetobacter calcoaceticus</i> – <i>Acinetobacter baumannii</i> complex isolated from human clinical specimens. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 934-942.	1.7	137
9	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
10	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
11	TEM-1 $\beta$ -lactamase as a source of resistance to sulbactam in clinical strains of <i>Acinetobacter baumannii</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 2786-2791.	3.0	107
12	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
13	<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
14	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
15	Relationship between the <i>AdeABC</i> 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
16	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
17	Identification of 50 Class D $\beta$ -Lactamases and 65 <i>Acinetobacter</i> -Derived Cephalosporinases in <i>Acinetobacter</i> spp. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 936-949.	3.2	81
18	Ability of phages to infect <i>Acinetobacter calcoaceticus</i> – <i>Acinetobacter baumannii</i> complex species through acquisition of different peptidase domains. <i>Environmental Microbiology</i> , 2017, 19, 5060-5077.	3.8	81

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19	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
20	<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
21	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
22	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
23	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
24	Association between $\beta$ -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
25	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
26	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
27	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
28	<i>Acinetobacter bohemicus</i> sp. nov. widespread in natural soil and water ecosystems in the Czech Republic. <i>Systematic and Applied Microbiology</i> , 2014, 37, 467-473.	2.8	60
29	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
30	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
31	MALDI-TOF MS and chemometric based identification of the <i>Acinetobacter calcoaceticus</i> - <i>Acinetobacter baumannii</i> complex species. <i>International Journal of Medical Microbiology</i> , 2014, 304, 669-677.	3.6	53
32	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
33	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
34	Improvement of MALDI-TOF MS profiling for the differentiation of species within the <i>Acinetobacter calcoaceticus</i> - <i>Acinetobacter baumannii</i> complex. <i>Systematic and Applied Microbiology</i> , 2013, 36, 572-578.	2.8	49
35	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
36	Origin in <i>Acinetobacter guillouiae</i> and Dissemination of the Aminoglycoside-Modifying Enzyme <i>Aph</i> (3)-VI. <i>MBio</i> , 2014, 5, e01972-14.	4.1	49

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37	Acinetobacter colistiniresistens sp. nov. (formerly genomic species 13 sensu Bouvet and Jeanjean and) Tj ETQq1 1 intrinsic resistance to polymyxins. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 2134-2141.	0.784314	49
38	Revising the taxonomy of the Acinetobacter lwoffii group: The description of Acinetobacter pseudolwoffii sp. nov. and emended description of Acinetobacter lwoffii. Systematic and Applied Microbiology, 2019, 42, 159-167.	2.8	45
39	Acinetobacter albensis sp. nov., isolated from natural soil and water ecosystems. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 3905-3912.	1.7	45
40	Sequence-Based Typing of adeB as a Potential Tool To Identify Intraspecific Groups among Clinical Strains of Multidrug-Resistant Acinetobacter baumannii. Journal of Clinical Microbiology, 2005, 43, 5327-5331.	3.9	43
41	Description of Acinetobacter venetianus ex Di Cello et al. 1997 sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 1376-1381.	1.7	41
42	Delineation of a novel environmental phylogroup of the genus Acinetobacter encompassing Acinetobacter terrae sp. nov., Acinetobacter terrestris sp. nov. and three other tentative species. Systematic and Applied Microbiology, 2021, 44, 126217.	2.8	40
43	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
44	Acinetobacter variabilis 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
45	O-Antigen Diversity among Acinetobacter baumannii Strains from the Czech Republic and Northwestern Europe, as Determined by Lipopolysaccharide-Specific Monoclonal Antibodies. Journal of Clinical Microbiology, 2001, 39, 2576-2580.	3.9	34
46	A 63 kb genomic resistance island found in a multidrug-resistant Acinetobacter baumannii isolate of European clone I from 1977. Journal of Antimicrobial Chemotherapy, 2010, 65, 1915-1918.	3.0	34
47	Reclassification of Acinetobacter grimontii Carr et al. 2003 as a later synonym of Acinetobacter junii Bouvet and Grimont 1986. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 937-940.	1.7	33
48	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. Journal of Breath Research, 2016, 10, 037102.	3.0	33
49	Acinetobacter gandensis sp. nov. isolated from horse and cattle. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 4007-4015.	1.7	31
50	Direct PCR Detection of Burkholderia cepacia Complex and Identification of Its Genomovars by Using Sputum as Source of DNA. Journal of Clinical Microbiology, 2002, 40, 3485-3488.	3.9	26
51	Characterization of a multidrug-resistant Acinetobacter baumannii strain carrying the bla <sub>NDM-1</sub> and bla <sub>OXA-23</sub> carbapenemase genes from the Czech Republic. Journal of Antimicrobial Chemotherapy, 2012, 67, 1550-1552.	3.0	26
52	Repetitive-DNA-element PCR fingerprinting and antibiotic resistance of pan-European multi-resistant Acinetobacter baumannii clone III strains. Journal of Medical Microbiology, 2005, 54, 851-856.	1.8	25
53	Acinetobacter cumulans sp. nov., isolated from hospital sewage and capable of acquisition of multiple antibiotic resistance genes. Systematic and Applied Microbiology, 2019, 42, 319-325.	2.8	24
54	Variations in colistin susceptibility among different species of the genus Acinetobacter. Journal of Antimicrobial Chemotherapy, 2010, 65, 367-369.	3.0	23

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55	<i>Acinetobacter pragensis</i> sp. nov., found in soil and water ecosystems. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 3897-3903.	1.7	23
56	<i>Acinetobacter</i> , <i>Chryseobacterium</i> , <i>Moraxella</i> , and Other Nonfermentative Gram-Negative Rods. , 0 , 813-837.		21
57	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
58	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
59	Discrimination of the <i>Acinetobacter calcoaceticus</i> – <i>Acinetobacter baumannii</i> complex species by Fourier transform infrared spectroscopy. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2014, 33, 1345-1353.	2.9	18
60	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
61	<i>Acinetobacter celticus</i> sp. nov., a psychrotolerant species widespread in natural soil and water ecosystems. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 5392-5398.	1.7	18
62	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
63	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
64	Detection and characterization of feline <i>Bartonella henselae</i> in the Czech Republic. <i>Veterinary Microbiology</i> , 2003, 93, 261-273.	1.9	13
65	A Taxonomically Unique <i>Acinetobacter</i> Strain with Proteolytic and Hemolytic Activities Recovered from a Patient with a Soft Tissue Injury. <i>Journal of Clinical Microbiology</i> , 2015, 53, 349-351.	3.9	13
66	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
67	Lack of Evidence for â€œ <i>Acinetobacter septicus</i> â€ as a Species Different from <i>Acinetobacter ursingii</i> ?. <i>Journal of Clinical Microbiology</i> , 2008, 46, 2826-2827.	3.9	12
68	<i>Acinetobacter pakistanensis</i> Abbas et al. 2014 is a later heterotypic synonym of <i>Acinetobacter bohemicus</i> Krizova et al. 2014. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 5614-5617.	1.7	12
69	<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
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	Identification of <i>Acinetobacter seifertii</i> isolated from Bolivian hospitals. <i>Journal of Medical Microbiology</i> , 2018, 67, 834-837.	1.8	9
72	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

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73	Differentiation of Acinetobacter Genomic Species 13BJ/14TU from Acinetobacter haemolyticus 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
74	Acinetobacter guangdongensis Feng et al. 2014 is a junior heterotypic synonym of Acinetobacter indicus Malhotra et al. 2012. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 4080-4082.	1.7	7
75	Acinetobacter silvestris sp. nov. discovered in forest ecosystems in Czechia. International Journal of Systematic and Evolutionary Microbiology, 2022, 72, .	1.7	7
76	Strain “Acinetobacter mesopotamicus” GC2 Does Not Represent a Novel Species, but Belongs to the Species Acinetobacter Iwoffii as Revealed by Whole-Genome Sequence-Based Analysis. Current Microbiology, 2021, 78, 369-370.	2.2	5
77	Detection and Identification of Citrobacter sedlakii in the Czech Republic. Zentralblatt Fur Bakteriologie: International Journal of Medical Microbiology, 1997, 285, 389-396.	0.5	4
78	Differentiation of Taxonomically Closely Related Species of the Genus Acinetobacter Using Raman Spectroscopy and Chemometrics. Molecules, 2019, 24, 168.	3.8	4
79	Conserved amino acid residues in the primary structure of ribosomal protein S20 from selected Gram-negative bacteria. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1995, 1263, 154-158.	2.4	1