Jaroslav Hrabak

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7683681/publications.pdf

Version: 2024-02-01

94 papers	3,869 citations	293460 24 h-index	156644 58 g-index
94 all docs	94 docs citations	94 times ranked	4676 citing authors

#	Article	IF	Citations
1	Multicentre study on the reproducibility of MALDI-TOF MS for nontuberculous mycobacteria identification. Scientific Reports, 2022, 12, 1237.	1.6	20
2	Genomic characterisation of three GES-producing Enterobacterales isolated in the Czech Republic. Journal of Global Antimicrobial Resistance, 2022, 29, 116-119.	0.9	3
3	Genomic Characterization of VIM and MCR Co-Producers: The First Two Clinical Cases, in Italy. Diagnostics, 2021, 11, 79.	1.3	15
4	The Emergence of Invasive Streptococcus pneumoniae Serotype 24F in Lebanon: Complete Genome Sequencing Reveals High Virulence and Antimicrobial Resistance Characteristics. Frontiers in Microbiology, 2021, 12, 637813.	1.5	10
5	Genetic Plurality of OXA/NDM-Encoding Features Characterized From Enterobacterales Recovered From Czech Hospitals. Frontiers in Microbiology, 2021, 12, 641415.	1.5	21
6	Epidemic Territorial Spread of IncP-2-Type VIM-2 Carbapenemase-Encoding Megaplasmids in Nosocomial Pseudomonas aeruginosa Populations. Antimicrobial Agents and Chemotherapy, 2021, 65, .	1.4	18
7	Whole genome sequencing of a clinical drug resistant Candida albicans isolate reveals known and novel mutations in genes involved in resistance acquisition mechanisms. Journal of Medical Microbiology, 2021, 70, .	0.7	7
8	Multi-Drug Resistant Plasmids with ESBL/AmpC and mcr-5.1 in Paraguayan Poultry Farms: The Linkage of Antibiotic Resistance and Hatcheries. Microorganisms, 2021, 9, 866.	1.6	6
9	Horsing Around: Escherichia coli ST1250 of Equine Origin Harboring Epidemic IncHI1/ST9 Plasmid with bla _{CTX-M-1} and an Operon for Short-Chain Fructooligosaccharide Metabolism. Antimicrobial Agents and Chemotherapy, 2021, 65, .	1.4	5
10	Vancomycin-Loaded Collagen/Hydroxyapatite Layers Electrospun on 3D Printed Titanium Implants Prevent Bone Destruction Associated with S. epidermidis Infection and Enhance Osseointegration. Biomedicines, 2021, 9, 531.	1.4	15
11	A novel nonsense mutation in the Î²-subunit of the epithelial sodium channel causing Liddle syndrome. Blood Pressure, 2021, 30, 291-299.	0.7	5
12	Evidence of an epidemic spread of KPC-producing Enterobacterales in Czech hospitals. Scientific Reports, 2021, 11, 15732.	1.6	12
13	Multicenter Performance Evaluation of MALDI-TOF MS for Rapid Detection of Carbapenemase Activity in Enterobacterales: The Future of Networking Data Analysis With Online Software. Frontiers in Microbiology, 2021, 12, 789731.	1.5	4
14	Molecular Characterization of Candida auris Isolates at a Major Tertiary Care Center in Lebanon. Frontiers in Microbiology, 2021, 12, 770635.	1.5	8
15	Combination of mass spectrometry and DNA sequencing for detection of antibiotic resistance in diagnostic laboratories. Folia Microbiologica, 2020, 65, 233-243.	1.1	7
16	Escherichia coli Sequence Type 457 Is an Emerging Extended-Spectrum-Î²-Lactam-Resistant Lineage with Reservoirs in Wildlife and Food-Producing Animals. Antimicrobial Agents and Chemotherapy, 2020, 65, .	1.4	30
17	Unravelling the Features of Success of VIM-Producing ST111 and ST235 Pseudomonas aeruginosa in a Greek Hospital. Microorganisms, 2020, 8, 1884.	1.6	13
18	Whole genome sequencing of macrolide resistant Streptococcus pneumoniae serotype 19A sequence type 416. BMC Microbiology, 2020, 20, 224.	1.3	2

#	Article	IF	Citations
19	Integrated chromosomal and plasmid sequence analyses reveal diverse modes of carbapenemase gene spread among Klebsiella pneumoniae. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 25043-25054.	3.3	97
20	Genomic Insight of VIM-harboring IncA Plasmid from a Clinical ST69 Escherichia coli Strain in Italy. Microorganisms, 2020, 8, 1232.	1.6	4
21	Three-Dimensional Printed Target Plates for Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry. Analytical Chemistry, 2020, 92, 12783-12788.	3.2	3
22	Carbapenemase-Producing Gram-Negative Bacteria from American Crows in the United States. Antimicrobial Agents and Chemotherapy, 2020, 65, .	1.4	7
23	Deadly Puppy Infection Caused by an MDR Escherichia coli O39 blaCTXâ€“Mâ€“15, blaCMYâ€“2, blaDHAâ€“1, and aac(6)-Ib-cr â€“ Positive in a Breeding Kennel in Central Italy. Frontiers in Microbiology, 2020, 11, 584.	1.5	13
24	Complete Genome and Plasmids Sequences of a Clinical Proteus mirabilis Isolate Producing Plasmid Mediated NDM-1 From Italy. Microorganisms, 2020, 8, 339.	1.6	15
25	First report of plasmid-mediated colistin resistance mcr-8.1 gene from a clinical Klebsiella pneumoniae isolate from Lebanon. Antimicrobial Resistance and Infection Control, 2020, 9, 94.	1.5	22
26	Insufficient repeatability and reproducibility of MALDI-TOF MS-based identification of MRSA. Folia Microbiologica, 2020, 65, 895-900.	1.1	9
27	Complete Nucleotide Sequence of Plasmids of Two Escherichia coli Strains Carrying blaNDMâ€“5 and blaNDMâ€“5 and blaOXAâ€“181 From the Same Patient. Frontiers in Microbiology, 2020, 10, 3095.	1.5	16
28	Frequency of mutations associated with resistance to first- and second-line drugs in multidrug-resistant Mycobacterium tuberculosis isolates. Journal of Global Antimicrobial Resistance, 2020, 22, 275-282.	0.9	4
29	Whole-Genome-Sequence-Based Characterization of Extensively Drug-Resistant Acinetobacter baumannii Hospital Outbreak. MSphere, 2020, 5, .	1.3	36
30	Characterization of the Complete Nucleotide Sequences of mcr-1-Encoding Plasmids From Enterobacterales Isolates in Retailed Raw Meat Products From the Czech Republic. Frontiers in Microbiology, 2020, 11, 604067.	1.5	18
31	Detection of Five mcr-9 -Carrying Enterobacterales Isolates in Four Czech Hospitals. MSphere, 2020, 5, .	1.3	26
32	Complete Nucleotide Sequences of mcr-4.3 -Carrying Plasmids in Acinetobacter baumannii Sequence Type 345 of Human and Food Origin from the Czech Republic, the First Case in Europe. Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	24
33	Epidemic of carbapenem-resistant Klebsiella pneumoniae in Europe is driven by nosocomial spread. Nature Microbiology, 2019, 4, 1919-1929.	5.9	476
34	Integration of two pKPX-2-derived antibiotic resistance islands in the genome of an ESBL-producing Klebsiella pneumoniae ST3483 from Lebanon. Journal of Global Antimicrobial Resistance, 2019, 18, 257-259.	0.9	3
35	IncC blaKPC-2-positive plasmid characterised from ST648 Escherichia coli. Journal of Global Antimicrobial Resistance, 2019, 19, 73-77.	0.9	9
36	Comprehensive proteomic analysis of exoproteins expressed by ERIC I, II, III and IV Paenibacillus larvae genotypes reveals a wide range of virulence factors. Virulence, 2019, 10, 363-375.	1.8	12

#	Article	IF	Citations
37	Antimicrobial susceptibility and mechanisms of resistance of Greek Clostridium difficile clinical isolates. Journal of Global Antimicrobial Resistance, 2019, 16, 53-58.	0.9	26
38	MLSB-ResistantStaphylococcus aureusin Central Greece: Rate of Resistance and Molecular Characterization. Microbial Drug Resistance, 2019, 25, 543-550.	0.9	17
39	First Description in Greece ofmphC-Positive Staphylococci Causing Subclinical Mastitis in Ewes. Microbial Drug Resistance, 2018, 24, 1050-1053.	0.9	1
40	Characterization of pEncl-30969cz, a novel ColE1-like plasmid encoding VIM-1 carbapenemase, from an Enterobacter cloacae sequence type 92 isolate. Diagnostic Microbiology and Infectious Disease, 2018, 91, 191-193.	0.8	4
41	Emergence of sequence type 252 Enterobacter cloacae producing GES-5 carbapenemase in a Czech hospital. Diagnostic Microbiology and Infectious Disease, 2018, 90, 148-150.	0.8	10
42	How to: identify non-tuberculous Mycobacterium species using MALDI-TOF mass spectrometry. Clinical Microbiology and Infection, 2018, 24, 599-603.	2.8	83
43	Characterization of KPC-Encoding Plasmids from Enterobacteriaceae Isolated in a Czech Hospital. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	13
44	Characterisation of a ST100 Staphylococcus epidermidis producing an LnuB nucleotidyltransferase: Evidence for interspecies spread of an lnuB -carrying transposon. Journal of Global Antimicrobial Resistance, 2018, 13, 9-10.	0.9	1
45	Genotyping of Mycobacterium tuberculosis using whole genome sequencing. Folia Microbiologica, 2018, 63, 537-545.	1.1	7
46	Bacterial DNA detected on pathologically changed heart valves using 16S rRNA gene amplification. Folia Microbiologica, 2018, 63, 707-711.	1.1	11
47	Characterization of NDM-Encoding Plasmids From Enterobacteriaceae Recovered From Czech Hospitals. Frontiers in Microbiology, 2018, 9, 1549.	1.5	55
48	Complete Nucleotide Sequences of Two VIM-1-Encoding Plasmids from Klebsiella pneumoniae and Leclercia adecarboxylata Isolates of Czech Origin. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	14
49	Comparison of imipenem and meropenem antibiotics for the MALDI-TOF MS detection of carbapenemase activity. Journal of Microbiological Methods, 2017, 137, 30-33.	0.7	32
50	Emergence of sequence type 11 Klebsiella pneumoniae coproducing NDM-1 and VIM-1 metallo-Î²-lactamases in a Greek hospital. Diagnostic Microbiology and Infectious Disease, 2017, 87, 295-297.	0.8	19
51	Molecular Characterization of Carbapenemase-Producing Pseudomonas aeruginosa of Czech Origin and Evidence for Clonal Spread of Extensively Resistant Sequence Type 357 Expressing IMP-7 Metallo-Î²-Lactamase. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	45
52	First description of the emergence of Enterobacter asburiae producing IMI-2 carbapenemase in the Czech Republic. Journal of Global Antimicrobial Resistance, 2017, 11, 98-99.	0.9	9
53	First description in Europe of the emergence of Enterococcus faecium ST117 carrying both vanA and vanB genes, isolated in Greece. Journal of Global Antimicrobial Resistance, 2017, 11, 68-70.	0.9	17
54	Characterization of the Complete Nucleotide Sequences of IncA/C ₂ Plasmids Carrying In809-Like Integrons from Enterobacteriaceae Isolates of Wildlife Origin. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	35

#	Article	IF	Citations
55	Molecular Characterization of OXA-48-Like-Producing Enterobacteriaceae in the Czech Republic and Evidence for Horizontal Transfer of pOXA-48-Like Plasmids. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	74
56	Occurrence of carbapenemase-producing Klebsiella pneumoniae and Escherichia coli in the European survey of carbapenemase-producing Enterobacteriaceae (EuSCAPE): a prospective, multinational study. Lancet Infectious Diseases, The, 2017, 17, 153-163.	4.6	522
57	Validation of a novel automatic deposition of bacteria and yeasts on MALDI target for MALDI-TOF MS-based identification using MALDI Colonyst robot. PLoS ONE, 2017, 12, e0190038.	1.1	12
58	Detection of Î²-Lactamases and Their Activity Using MALDI-TOF MS. , 2016, , 305-316.		1
59	Characterisation of IncA/C2 plasmids carrying an In416-like integron with the blaVIM-19 gene from Klebsiella pneumoniae ST383 of Greek origin. International Journal of Antimicrobial Agents, 2016, 47, 158-162.	1.1	25
60	Farmersâ€™ marketsâ€™ locavore challenge: The potential of local food production for newly emerged farmersâ€™ markets in Czechia. Renewable Agriculture and Food Systems, 2015, 30, 305-317.	0.8	30
61	Report on a transborder spread of carbapenemase-producing bacteria by a patient injured during Euromaidan, Ukraine. New Microbes and New Infections, 2015, 8, 28-30.	0.8	7
62	Characterization of pKP-M1144, a Novel ColE1-Like Plasmid Encoding IMP-8, GES-5, and BEL-1 Î²-Lactamases, from a Klebsiella pneumoniae Sequence Type 252 Isolate. Antimicrobial Agents and Chemotherapy, 2015, 59, 5065-5068.	1.4	30
63	Complete Nucleotide Sequences of Two NDM-1-Encoding Plasmids from the Same Sequence Type 11 Klebsiella pneumoniae Strain. Antimicrobial Agents and Chemotherapy, 2015, 59, 1325-1328.	1.4	32
64	Matrix-Assisted Laser Desorption Ionizationâ€“Time of Flight Mass Spectrometry Meropenem Hydrolysis Assay with NH ₄ HCO ₃ , a Reliable Tool for Direct Detection of Carbapenemase Activity. Journal of Clinical Microbiology, 2015, 53, 1731-1735.	1.8	100
65	Detection of OXA-48-type carbapenemase-producing Enterobacteriaceae in diagnostic laboratories can be enhanced by addition of bicarbonates to cultivation media or reaction buffers. Folia Microbiologica, 2015, 60, 119-129.	1.1	24
66	Survey of metallo-Î²-lactamase-producing Enterobacteriaceae colonizing patients in European ICUs and rehabilitation units, 2008â€“11. Journal of Antimicrobial Chemotherapy, 2015, 70, 1981-1988.	1.3	41
67	The (in) comparability of ICT knowledge and skill self-assessments among upper secondary school students: The use of the anchoring vignette method. Computers and Education, 2015, 85, 191-202.	5.1	17
68	Biochemical Characterization of VIM-39, a VIM-1-Like Metallo-Î²-Lactamase Variant from a Multidrug-Resistant Klebsiella pneumoniae Isolate from Greece. Antimicrobial Agents and Chemotherapy, 2015, 59, 7811-7814.	1.4	6
69	Enteric fever imported to the Czech Republic: epidemiology, clinical characteristics and antimicrobial susceptibility. Folia Microbiologica, 2015, 60, 217-224.	1.1	5
70	Species identification of strains belonging to genus Citrobacter using the biochemical method and MALDI-TOF mass spectrometry. Folia Microbiologica, 2015, 60, 53-59.	1.1	15
71	High Prevalence of ST131 Among CTX-M-ProducingEscherichia colifrom Community-Acquired Infections, in the Czech Republic. Microbial Drug Resistance, 2015, 21, 74-84.	0.9	14
72	Detection of Carbapenemases Using Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry (MALDI-TOF MS) Meropenem Hydrolysis Assay. Methods in Molecular Biology, 2015, 1237, 91-96.	0.4	18

#	Article	IF	Citations
73	Carbapenemase-producing Enterobacteriaceae in Europe: assessment by national experts from 38 countries, May 2015. Eurosurveillance, 2015, 20, .	3.9	332
74	Detection of carbapenemases in Enterobacteriaceae: a challenge for diagnostic microbiological laboratories. Clinical Microbiology and Infection, 2014, 20, 839-853.	2.8	192
75	Identification of CMY-2-Type Cephalosporinases in Clinical Isolates of Enterobacteriaceae by MALDI-TOF MS. Antimicrobial Agents and Chemotherapy, 2014, 58, 2952-2957.	1.4	18
76	Identification of a New Delhi metallo-Î²-lactamase-4 (NDM-4)-producing Enterobacter cloacae from a Czech patient previously hospitalized in Sri Lanka. Folia Microbiologica, 2013, 58, 547-549.	1.1	23
77	Matrix-Assisted Laser Desorption Ionizationâ€“Time of Flight (MALDI-TOF) Mass Spectrometry for Detection of Antibiotic Resistance Mechanisms: from Research to Routine Diagnosis. Clinical Microbiology Reviews, 2013, 26, 103-114.	5.7	251
78	Infection by Neisseria meningitidis serogroup W135 belonging to the unusual clone ST-3342 in the Czech Republic. Folia Microbiologica, 2013, 58, 85-86.	1.1	0
79	Molecular characterization of metallo-Î²-lactamase-producing Pseudomonas aeruginosa in a Czech hospital (2009â€“2011). Journal of Medical Microbiology, 2013, 62, 945-947.	0.7	18
80	Isolation from a Nonclinical Sample of Leclercia adecarboxylata Producing a VIM-1 Metallo-Î²-Lactamase. Antimicrobial Agents and Chemotherapy, 2013, 57, 2896-2897.	1.4	18
81	Carbapenemase-producing Klebsiella pneumoniae in the Czech Republic in 2011. Eurosurveillance, 2013, 18, 20626.	3.9	25
82	Detection of NDM-1, VIM-1, KPC, OXA-48, and OXA-162 Carbapenemases by Matrix-Assisted Laser Desorption Ionizationâ€“Time of Flight Mass Spectrometry. Journal of Clinical Microbiology, 2012, 50, 2441-2443.	1.8	161
83	KPC-2-producing Klebsiella pneumoniae isolated from a Czech patient previously hospitalized in Greece and in vivo selection of colistin resistance. Folia Microbiologica, 2011, 56, 361-365.	1.1	20
84	Carbapenemase Activity Detection by Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry. Journal of Clinical Microbiology, 2011, 49, 3222-3227.	1.8	269
85	Regional Spread of Pseudomonas aeruginosa ST357 Producing IMP-7 Metallo-Î²-Lactamase in Central Europe. Journal of Clinical Microbiology, 2011, 49, 474-475.	1.8	37
86	Carbapenem-nonsusceptible strains of Klebsiella pneumoniae producing SHV-5 and/or DHA-1 Î²-lactamases in a Czech hospital. FEMS Microbiology Letters, 2010, 309, no-no.	0.7	24
87	Seven Isolates of Actinomyces turicensis from Patients with Surgical Infections of the Anogenital Area in a Czech Hospital. Journal of Clinical Microbiology, 2010, 48, 2660-2661.	1.8	11
88	DHA-1-ProducingKlebsiella pneumoniaein a Teaching Hospital in the Czech Republic. Microbial Drug Resistance, 2010, 16, 291-295.	0.9	15
89	Reactivity to Helicobacter pylori Antigens in Patients Suffering from Thyroid Gland Autoimmunity. Experimental and Clinical Endocrinology and Diabetes, 2009, 117, 423-431.	0.6	6
90	International Clones of Klebsiella pneumoniae and Escherichia coli with Extended-Spectrum Î²-Lactamases in a Czech Hospital. Journal of Clinical Microbiology, 2009, 47, 3353-3357.	1.8	43

#	Article	IF	Citations
91	CTX-M-15-Producing Shigella sonnei Strain from a Czech Patient Who Traveled in Asia. Journal of Clinical Microbiology, 2008, 46, 2147-2148.	1.8	17
92	Screening of secreted proteases ofPaenibacillus larvaeby using substrate-SDS-polyacrylamide gel electrophoresis. Journal of Apicultural Research, 2007, 46, 160-164.	0.7	13
93	Genomic Characterization of Mutli-Drug Resistant Pseudomonas aeruginosa Clinical Isolates: Evaluation and Determination of Ceftolozane/Tazobactam Activity and Resistance Mechanisms. Frontiers in Cellular and Infection Microbiology, 0, 12, .	1.8	5
94	OXA-244-Producing ST131 Escherichia coli From Surface and Groundwaters of Pavia Urban Area (Po) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.5	4