

# Milan Kolář

## List of Publications by Year in descending order

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141  
papers

8,223  
citations

109311

35  
h-index

48312

88  
g-index

148  
all docs

148  
docs citations

148  
times ranked

12958  
citing authors

#	ARTICLE	IF	CITATIONS
1	Silver Colloid Nanoparticles: Synthesis, Characterization, and Their Antibacterial Activity. <i>Journal of Physical Chemistry B</i> , 2006, 110, 16248-16253.	2.6	2,012
2	Antifungal activity of silver nanoparticles against <i>Candida</i> spp.. <i>Biomaterials</i> , 2009, 30, 6333-6340.	11.4	821
3	Effect of Surfactants and Polymers on Stability and Antibacterial Activity of Silver Nanoparticles (NPs). <i>Journal of Physical Chemistry C</i> , 2008, 112, 5825-5834.	3.1	812
4	Bacterial resistance to silver nanoparticles and how to overcome it. <i>Nature Nanotechnology</i> , 2018, 13, 65-71.	31.5	671
5	The targeted antibacterial and antifungal properties of magnetic nanocomposite of iron oxide and silver nanoparticles. <i>Biomaterials</i> , 2011, 32, 4704-4713.	11.4	286
6	Polymyxin: Alternative Mechanisms of Action and Resistance. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2016, 6, a025288.	6.2	273
7	Antibiotic selective pressure and development of bacterial resistance. <i>International Journal of Antimicrobial Agents</i> , 2001, 17, 357-363.	2.5	220
8	Biological activities of <i>Prunella vulgaris</i> extract. <i>Phytotherapy Research</i> , 2003, 17, 1082-1087.	5.8	154
9	Human virus detection with graphene-based materials. <i>Biosensors and Bioelectronics</i> , 2020, 166, 112436.	10.1	140
10	Phytochemical and antimicrobial characterization of <i>Macleaya cordata</i> herb. <i>Fito-terapia</i> , 2010, 81, 1006-1012.	2.2	132
11	Silver nanoparticles strongly enhance and restore bactericidal activity of inactive antibiotics against multidrug-resistant <i>Enterobacteriaceae</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 142, 392-399.	5.0	131
12	Strong and Nonspecific Synergistic Antibacterial Efficiency of Antibiotics Combined with Silver Nanoparticles at Very Low Concentrations Showing No Cytotoxic Effect. <i>Molecules</i> , 2016, 21, 26.	3.8	121
13	Air Stable Magnetic Bimetallic Fe-Ag Nanoparticles for Advanced Antimicrobial Treatment and Phosphorus Removal. <i>Environmental Science &amp; Technology</i> , 2013, 47, 5285-5293.	10.0	105
14	The application of antimicrobial photodynamic therapy on <i>S. aureus</i> and <i>E. coli</i> using porphyrin photosensitizers bound to cyclodextrin. <i>Microbiological Research</i> , 2014, 169, 163-170.	5.3	101
15	Biosafety, Antioxidant Status, and Metabolites in Urine after Consumption of Dried Cranberry Juice in Healthy Women: A Pilot Double-Blind Placebo-Controlled Trial. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 3217-3224.	5.2	98
16	Constituents and Antimicrobial Properties of Blue Honeysuckle: A Novel Source for Phenolic Antioxidants. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 11883-11889.	5.2	92
17	Chitosan-based synthesis of magnetically-driven nanocomposites with biogenic magnetite core, controlled silver size, and high antimicrobial activity. <i>Green Chemistry</i> , 2012, 14, 2550.	9.0	87
18	Administration of a Probiotic Can Change Drug Pharmacokinetics: Effect of <i>E. coli</i> Nissle 1917 on Amidarone Absorption in Rats. <i>PLoS ONE</i> , 2014, 9, e87150.	2.5	72

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19	Enhanced Formation of Silver Nanoparticles in Ag <sup>+</sup> -NOM-Iron(II, III) Systems and Antibacterial Activity Studies. <i>Environmental Science &amp; Technology</i> , 2014, 48, 3228-3235.	10.0	65
20	PATHOGENESIS OF PROSTHESIS-RELATED INFECTION. <i>Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia</i> , 2003, 147, 27-35.	0.6	65
21	Synthesis, Cytostatic, Antimicrobial, and Anti-HCV Activity of 6-Substituted 7-(Het)aryl-7-deazapurine Ribonucleosides. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 1097-1110.	6.4	63
22	Magnetically Controllable Silver Nanocomposite with Multifunctional Phosphotriazine Matrix and High Antimicrobial Activity. <i>Advanced Functional Materials</i> , 2010, 20, 2347-2354.	14.9	61
23	Characteristics of Quinolone Resistance in <i>Escherichia coli</i> Isolates from Humans, Animals, and the Environment in the Czech Republic. <i>Frontiers in Microbiology</i> , 2016, 7, 2147.	3.5	53
24	Primer Evaluation for PCR and its Application for Detection of Carbapenemases in Enterobacteriaceae. <i>Jundishapur Journal of Microbiology</i> , 2016, 9, e29314.	0.5	49
25	COMPARISON OF THE PREVALENCE OF GENES CODING FOR ENTEROTOXINS, EXFOLIATINS, PANTON-VALENTINE LEUKOCIDIN AND TSST-1 BETWEEN METHICILLIN-RESISTANT AND METHICILLIN-SUSCEPTIBLE ISOLATES OF STAPHYLOCOCCUS AUREUS AT THE UNIVERSITY HOSPITAL IN OLOMOUC. <i>Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia</i> , 2009, 153, 215-219.	0.6	48
26	Reproducible discrimination between Gram-positive and Gram-negative bacteria using surface enhanced Raman spectroscopy with infrared excitation. <i>Analyst</i> , 2012, 137, 2866.	3.5	45
27	Influence of third-generation cephalosporin utilization on the occurrence of ESBL-positive <i>Klebsiella pneumoniae</i> strains. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2007, 32, 403-408.	1.5	44
28	<i>Stenotrophomonas maltophilia</i> as a part of normal oral bacterial flora in captive snakes and its susceptibility to antibiotics. <i>Veterinary Microbiology</i> , 2007, 121, 357-362.	1.9	43
29	Epidemiology of hospital-acquired pneumonia: Results of a Central European multicenter, prospective, observational study compared with data from the European region. <i>Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia</i> , 2016, 160, 448-455.	0.6	43
30	3-Hydroxy-2-phenyl-4(1H)-quinolinones as Promising Biologically Active Compounds. <i>Mini-Reviews in Medicinal Chemistry</i> , 2009, 9, 696-702.	2.4	42
31	Caffeine-hydrazones as anticancer agents with pronounced selectivity toward T-lymphoblastic leukaemia cells. <i>Bioorganic Chemistry</i> , 2015, 60, 19-29.	4.1	42
32	Antibiotic consumption and its influence on the resistance in Enterobacteriaceae. <i>BMC Research Notes</i> , 2014, 7, 454.	1.4	40
33	Antibiofilm activity of bioactive hop compounds humulone, lupulone and xanthohumol toward susceptible and resistant staphylococci. <i>Research in Microbiology</i> , 2018, 169, 127-134.	2.1	38
34	Molecular mechanisms of polymyxin resistance and detection of mcr genes. <i>Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia</i> , 2019, 163, 28-38.	0.6	38
35	Prevalence of genes encoding extracellular virulence factors among methicillin-resistant <i>Staphylococcus aureus</i> isolates from the University Hospital, Olomouc, Czech Republic. <i>Journal of Medical Microbiology</i> , 2008, 57, 403-410.	1.8	36
36	Polyamine derivatives of betulinic acid and $\beta$ -sitosterol: A comparative investigation. <i>Steroids</i> , 2015, 100, 27-35.	1.8	36

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37	HUMULUS LUPULUS L. (HOPS) - A VALUABLE SOURCE OF COMPOUNDS WITH BIOACTIVE EFFECTS FOR FUTURE THERAPIES. <i>Military Medical Science Letters (Vojenske Zdravotnicke Listy)</i> , 2016, 85, 19-30.	0.5	33
38	Prevalence of <i>Campylobacter jejuni</i> and its Resistance to Antibiotics in Poultry in the Czech Republic. <i>Zoonoses and Public Health</i> , 2009, 56, 111-116.	2.2	30
39	MOLECULAR DIAGNOSIS OF PROSTHETIC JOINT INFECTION. A REVIEW OF EVIDENCE. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2004, 148, 123-129.	0.6	30
40	Lipophosphonoxins II: Design, Synthesis, and Properties of Novel Broad Spectrum Antibacterial Agents. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 6098-6118.	6.4	29
41	Enantiospecific Effects of Ketoconazole on Aryl Hydrocarbon Receptor. <i>PLoS ONE</i> , 2014, 9, e101832.	2.5	29
42	Antibacterial nanomaterials: Upcoming hope to overcome antibiotic resistance crisis. <i>Nanotechnology Reviews</i> , 2022, 11, 1115-1142.	5.8	28
43	Occurrence of antibiotic-resistant bacterial strains isolated in poultry. <i>Veterinari Medicina</i> , 2002, 47, 52-59.	0.6	27
44	Silver Covalently Bound to Cyanographene Overcomes Bacterial Resistance to Silver Nanoparticles and Antibiotics. <i>Advanced Science</i> , 2021, 8, 2003090.	11.2	27
45	Carriage of ESBL- and AmpC-positive Enterobacteriaceae in the gastrointestinal tract of community subjects and hospitalized patients in the Czech Republic. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2012, 156, 348-353.	0.6	27
46	Epidemiology and characterization of <i>Staphylococcus epidermidis</i> isolates from humans, raw bovine milk and a dairy plant. <i>Epidemiology and Infection</i> , 2010, 138, 772-782.	2.1	26
47	Utilization of fluoroquinolones and <i>Escherichia coli</i> resistance in urinary tract infection: inpatients and outpatients. <i>Pharmacoepidemiology and Drug Safety</i> , 2005, 14, 741-745.	1.9	23
48	The influence of antibiotic use on the occurrence of vancomycin-resistant enterococci. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2006, 31, 67-72.	1.5	23
49	UNIVERSAL PRIMERS FOR DETECTION OF COMMON BACTERIAL PATHOGENS CAUSING PROSTHETIC JOINT INFECTION. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2005, 149, 285-288.	0.6	23
50	Infected Prosthetic Dialysis Arteriovenous Grafts: A Single Dialysis Center Study. <i>Surgical Infections</i> , 2012, 13, 366-370.	1.4	22
51	Prevalence of thermotolerant <i>Campylobacter</i> spp. in broilers at retail in the Czech Republic and their antibiotic resistance. <i>Food Control</i> , 2011, 22, 328-332.	5.5	21
52	Lipophosphonoxins: New Modular Molecular Structures with Significant Antibacterial Properties. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 7884-7898.	6.4	19
53	An outbreak of <i>Burkholderia multivorans</i> beyond cystic fibrosis patients. <i>Journal of Hospital Infection</i> , 2013, 84, 248-251.	2.9	19
54	GENETIC METHODS FOR DETECTION OF ANTIBIOTIC RESISTANCE: FOCUS ON EXTENDED-SPECTRUM $\beta$ -LACTAMASES. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2010, 154, 289-296.	0.6	18

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55	Detection of Prosthetic Joint Infection Based on Magnetically Assisted Surface Enhanced Raman Spectroscopy. <i>Analytical Chemistry</i> , 2017, 89, 6598-6607.	6.5	17
56	Implementation of a Practical Antibiotic Policy in the Czech Republic. <i>Infection Control and Hospital Epidemiology</i> , 1999, 20, 440-443.	1.8	16
57	Survey of Surgical Antimicrobial Prophylaxis in Czech Republic. <i>International Journal of Clinical Pharmacy</i> , 2005, 27, 436-441.	1.4	16
58	Phenotypic detection of broad-spectrum beta-lactamases in microbiological practice. <i>Medical Science Monitor</i> , 2011, 17, BR147-BR152.	1.1	16
59	Insights into the Mechanism of Action of Bactericidal Lipophosphonoxins. <i>PLoS ONE</i> , 2015, 10, e0145918.	2.5	15
60	Trilobolide-steroid hybrids: Synthesis, cytotoxic and antimycobacterial activity. <i>Steroids</i> , 2017, 117, 97-104.	1.8	15
61	INFECTIOUS COMPLICATIONS OF ARTERIOVENOUS ePTFE GRAFTS FOR HEMODIALYSIS. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2010, 154, 13-19.	0.6	15
62	Study of photodynamic effects on NIH 3T3 cell line and bacteria. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2014, 158, 201-207.	0.6	15
63	Prevalence of extended-spectrum $\beta$ -lactamase-positive <i>Klebsiella pneumoniae</i> isolates in the Czech Republic. <i>International Journal of Antimicrobial Agents</i> , 2006, 28, 49-53.	2.5	14
64	Antimicrobial and cytotoxic activity of (thio)alkyl hexopyranosides, nonionic glycolipid mimetics. <i>Carbohydrate Research</i> , 2020, 488, 107905.	2.3	14
65	HOSPITAL-ACQUIRED PNEUMONIA IN ICU PATIENTS. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2011, 155, 373-378.	0.6	14
66	Starvation- and antibiotics-induced formation of persister cells in <i>Pseudomonas aeruginosa</i> . <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2017, 161, 58-67.	0.6	14
67	Gut microbiota metabolizes nabumetone <i>in vitro</i> : Consequences for its bioavailability <i>in vivo</i> in the rodents with altered gut microbiome. <i>Xenobiotica</i> , 2019, 49, 1296-1302.	1.1	13
68	Incidence of fecal Enterobacteriaceae producing broad-spectrum beta-lactamases in patients with hematological malignancies. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2015, 159, 100-103.	0.6	13
69	Specific detection of <i>Staphylococcus aureus</i> infection and marker for Alzheimer disease by surface enhanced Raman spectroscopy using silver and gold nanoparticle-coated magnetic polystyrene beads. <i>Scientific Reports</i> , 2021, 11, 6240.	3.3	12
70	Inhibitory effect of hop fractions against Gram-positive multi-resistant bacteria. A pilot study. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2018, 162, 276-283.	0.6	11
71	Prevalence of Vancomycin-Resistant Enterococci and Antimicrobial Residues in Wastewater and Surface Water. <i>Life</i> , 2021, 11, 1403.	2.4	11
72	Prevalence and Characteristics of <i>Escherichia coli</i> Strains Producing Extended-Spectrum $\beta$ -Lactamases in Slaughtered Animals in the Czech Republic. <i>Journal of Food Protection</i> , 2013, 76, 1773-1777.	1.7	10

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73	PCR Detection of Oxacillinases in Bacteria. <i>Microbial Drug Resistance</i> , 2020, 26, 1023-1037.	2.0	10
74	Implementation of Antibiotic Stewardship in a University Hospital Setting. <i>Antibiotics</i> , 2021, 10, 93.	3.7	10
75	Antibiotic resistance of <i>Stenotrophomonas maltophilia</i> strains isolated from captive snakes. <i>Folia Microbiologica</i> , 2010, 55, 83-87.	2.3	9
76	Synthesis of 5-[alkoxy-(4-nitro-phenyl)-methyl]-uridines and study of their cytotoxic activity. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 3588-3594.	5.5	9
77	Infectious Complications after Esophagectomy. <i>Surgical Infections</i> , 2012, 13, 159-162.	1.4	9
78	Identification of novel OXA-134-like $\beta$ -lactamases in <i>Acinetobacter lwoffii</i> and <i>Acinetobacter schindleri</i> isolated from chicken litter. <i>Biomedical Papers of the Medical Faculty of the University Palacký&amp;#x0301;</i> , Olomouc, Czechoslovakia, 2019, 163, 141-146.	0.6	9
79	Antibiotic Susceptibility of <i>Cronobacter</i> spp. Isolated from Clinical Samples. <i>Polish Journal of Microbiology</i> , 2018, 68, 1-10.	1.7	9
80	Prevalence of vancomycin-resistant enterococci in hospitalized patients and those living in the community in the Czech Republic. <i>New Microbiologica</i> , 2006, 29, 121-5.	0.1	9
81	Pulmonary Complications after COVID-19. <i>Life</i> , 2022, 12, 357.	2.4	9
82	<i>Acinetobacter baumannii</i> producing OXA-23 detected in the Czech Republic. <i>SpringerPlus</i> , 2013, 2, 296.	1.2	8
83	Application of Molecular Diagnostics in Primary Detection of ESBL Directly from Clinical Specimens. <i>Microbial Drug Resistance</i> , 2015, 21, 352-357.	2.0	8
84	Dimeric cyanobacterial cyclopent-4-ene-1,3-dione as selective inhibitor of Gram-positive bacteria growth: Bio-production approach and preparative isolation by HPCCC. <i>Algal Research</i> , 2016, 18, 244-249.	4.6	8
85	Analysis of Vancomycin-Resistant Enterococci in Hemato-Oncological Patients. <i>Antibiotics</i> , 2020, 9, 785.	3.7	8
86	Evaluation of Second-Generation Lipophosphonoxins as Antimicrobial Additives in Bone Cement. <i>ACS Omega</i> , 2020, 5, 3165-3171.	3.5	8
87	Photodynamic effect of TPP encapsulated in polystyrene nanoparticles toward multi-resistant pathogenic bacterial strains: AFM evaluation. <i>Scientific Reports</i> , 2021, 11, 6786.	3.3	8
88	Outer membrane and phospholipid composition of the target membrane affect the antimicrobial potential of first- and second-generation lipophosphonoxins. <i>Scientific Reports</i> , 2021, 11, 10446.	3.3	8
89	Fluoroquinolone-Resistant <i>Escherichia coli</i> and <i>Proteus mirabilis</i> in Poultry of Middle Moravia, Czech Republic. <i>Acta Veterinaria Brno</i> , 2005, 74, 249-253.	0.5	8
90	<i>Clostridioides difficile</i> and Vancomycin-Resistant Enterococci in COVID-19 Patients with Severe Pneumonia. <i>Life</i> , 2021, 11, 1127.	2.4	8

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91	Frequency of Gram-negative bacterial pathogens in bloodstream infections and their resistance to antibiotics in the Czech Republic. <i>International Journal of Antimicrobial Agents</i> , 2004, 23, 401-404.	2.5	7
92	Occurrence of vancomycin-resistant enterococci in humans and animals in the Czech Republic between 2002 and 2004. <i>Journal of Medical Microbiology</i> , 2005, 54, 965-967.	1.8	7
93	Using newly developed multiplex polymerase chain reaction and melting curve analysis for detection and discrimination of $\beta$ -lactamases in <i>Escherichia coli</i> isolates from intensive care patients. <i>Diagnostic Microbiology and Infectious Disease</i> , 2011, 71, 181-191.	1.8	7
94	Analysis of ESBL- and AmpC-Positive Enterobacteriaceae at the Department of Neonatology, University Hospital Olomouc. <i>Current Microbiology</i> , 2011, 62, 1664-1670.	2.2	7
95	Possibilities for modifying risk factors for the development of hospital-acquired pneumonia in intensive care patients: results of a retrospective, observational study. <i>Biomedical Papers of the Medical Faculty of the University Palacký&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2017, 161, 303-309.	0.6	7
96	Restoration of antibacterial activity of inactive antibiotics via combined treatment with a cyanographene/Ag nanohybrid. <i>Scientific Reports</i> , 2022, 12, 5222.	3.3	7
97	Bacterial Infections, Antimicrobial Resistance and Antibiotic Therapy. <i>Life</i> , 2022, 12, 468.	2.4	7
98	Utilisation of macrolides and the development of <i>Streptococcus pyogenes</i> resistance to erythromycin. <i>International Journal of Clinical Pharmacy</i> , 2005, 27, 104-107.	1.4	6
99	Clonality of Bacterial Pathogens Causing Hospital-Acquired Pneumonia. <i>Current Microbiology</i> , 2016, 73, 312-316.	2.2	6
100	Antibiotic Resistance in Nosocomial Bacteria Isolated from Infected Wounds of Hospitalized Patients in Czech Republic. <i>Antibiotics</i> , 2020, 9, 342.	3.7	6
101	The application of antimicrobial photodynamic inactivation on methicillin-resistant <i>S. aureus</i> and ESBL-producing <i>K. pneumoniae</i> using porphyrin photosensitizer in combination with silver nanoparticles. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 33, 102140.	2.6	6
102	Detection of clinically important $\beta$ -lactamases by using PCR. <i>FEMS Microbiology Letters</i> , 2021, 368, .	1.8	6
103	Crucial cytotoxic and antimicrobial activity changes driven by amount of doped silver in biocompatible carbon nitride nanosheets. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 202, 111680.	5.0	6
104	Occurrence of bacteria producing broad-spectrum beta-lactamases and qnr genes in hospital and urban wastewater samples. <i>New Microbiologica</i> , 2016, 39, 124-33.	0.1	6
105	Development of Bacterial Resistance to the Third Generation Cephalosporins and Their Clinical Use. <i>Journal of Chemotherapy</i> , 1999, 11, 260-265.	1.5	5
106	Genotypic characterisation of vancomycin-resistant <i>Enterococcus faecium</i> isolates from haemato-oncological patients at Olomouc University Hospital, Czech Republic. <i>Clinical Microbiology and Infection</i> , 2006, 12, 353-360.	6.0	5
107	Highly variable vancomycin-resistant enterococci in the north-eastern part of the Czech Republic. <i>Letters in Applied Microbiology</i> , 2019, 69, 16-22.	2.2	5
108	Resistance to Antibiotics in Strains of <i>Staphylococcus</i> spp., <i>Enterococcus</i> spp. and <i>Escherichia coli</i> Isolated from Rectal Swabs of Pigs. <i>Acta Veterinaria Brno</i> , 2008, 77, 103-110.	0.5	5

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109	Occurrence of bacteria with a dangerous extent of antibiotic resistance in poultry in the Central Region of Moravia. <i>Acta Veterinaria Brno</i> , 2018, 87, 165-172.	0.5	5
110	LEGO-Lipophosphonoxins: A Novel Approach in Designing Membrane Targeting Antimicrobials. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 10045-10078.	6.4	5
111	Occurrence of variants with temperature-dependent susceptibility (TDS) to antibiotics among <i>Stenotrophomonas maltophilia</i> clinical strains. <i>Folia Microbiologica</i> , 2001, 46, 151-155.	2.3	4
112	Resistance to Methicillin in Coagulase-negative Staphylococci and Its Detection. <i>Acta Veterinaria Brno</i> , 2010, 79, 261-267.	0.5	4
113	Individualized Prophylaxis in Patients with Esophageal Replacement Because of Cancer. <i>Surgical Infections</i> , 2015, 16, 513-517.	1.4	4
114	Metabolite profiling of natural substances in human: in vitro study from fecal bacteria to colon carcinoma cells (Caco-2). <i>Journal of Nutritional Biochemistry</i> , 2020, 85, 108482.	4.2	4
115	Bacterial Pathogens and Evaluation of a Cut-Off for Defining Early and Late Neonatal Infection. <i>Antibiotics</i> , 2021, 10, 278.	3.7	4
116	Strong Antimicrobial and Healing Effects of Beta-Acids from Hops in Methicillin-Resistant <i>Staphylococcus aureus</i> -Infected External Wounds In Vivo. <i>Antibiotics</i> , 2021, 10, 708.	3.7	4
117	In Silico Analysis of Extended-Spectrum $\hat{2}$ -Lactamases in Bacteria. <i>Antibiotics</i> , 2021, 10, 812.	3.7	4
118	Bacterial Resistance to Antibiotics and Clonal Spread in COVID-19-Positive Patients on a Tertiary Hospital Intensive Care Unit, Czech Republic. <i>Antibiotics</i> , 2022, 11, 783.	3.7	4
119	Double-disk synergy test positivity in <i>Stenotrophomonas maltophilia</i> clinical strains. <i>Folia Microbiologica</i> , 2004, 49, 71-74.	2.3	3
120	Clonal Diversity of <i>Klebsiella</i> spp. and <i>Escherichia</i> spp. Strains Isolated from Patients with Ventilator-Associated Pneumonia. <i>Antibiotics</i> , 2021, 10, 674.	3.7	3
121	Ex Vivo Effect of Novel Lipophosphonoxins on Root Canal Biofilm Produced by <i>Enterococcus faecalis</i> : Pilot Study. <i>Life</i> , 2022, 12, 129.	2.4	3
122	Occurrence and characteristic of methicillin-resistant <i>Staphylococcus aureus</i> on pig farms in the Czech Republic. <i>Acta Veterinaria Brno</i> , 2012, 81, 219-223.	0.5	2
123	Epidemiology of <i>Burkholderia multivorans</i> strains obtained from non-cystic fibrosis patients isolated in large hospitals across the Czech Republic. <i>Journal of Hospital Infection</i> , 2014, 86, 74-75.	2.9	2
124	Imipenem, a carbapenem type antibiotic, does not alter pharmacokinetics of a model drug nabumetone. <i>Toxicology Letters</i> , 2015, 238, S332.	0.8	2
125	COVID-19 in 96 Patients With Hematologic Disease: The First Single-center Experience From the Czech Republic. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2021, 21, 606-612.	0.4	2
126	Analysis of <i>Enterobacteriaceae</i> Producing Broad-Spectrum Beta-Lactamases in the Intensive Care Unit Setting. <i>Open Journal of Medical Microbiology</i> , 2013, 03, 56-61.	0.4	2



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127	Seroprevalence of Measles Antibodies in the Population of the Olomouc Region, Czech Republic – Comparison of the Results of Four Laboratories. <i>Vaccines</i> , 2022, 10, 185.	4.4	2
128	Frequency and antimicrobial resistance of gram-positive bacterial pathogens from bloodstream infections in the Czech Republic. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2004, 23, 794-795.	2.9	1
129	Granulocyte transfusions collected after steroid priming for severe infections during neutropenia: A single center experience. <i>Transfusion Clinique Et Biologique</i> , 2019, 26, 299-303.	0.4	1
130	Participation of mammalian gut bacteria in metabolism of nabumetone. <i>Toxicology Letters</i> , 2013, 221, S180.	0.8	0
131	Insights into the Resistome and Phylogenomics of a ST195 Multidrug-Resistant <i>Acinetobacter baumannii</i> Clinical Isolate from the Czech Republic. <i>Life</i> , 2021, 11, 1079.	2.4	0
132	Un autre regard sur le travail. <i>Le Journal Des Psychologues</i> , 2015, n° 326, 29-33.	0.1	0
133	Revisiting spontaneous silver nanoparticles formation: a factor influencing the determination of minimum inhibitory concentration values?. <i>AIMS Environmental Science</i> , 2015, 2, 607-622.	1.4	0
134	Hospital-acquired pneumonia - optimal settings of the initial empirical antibiotic therapy. <i>Interni Medicina Pro Praxi</i> , 2017, 19, 225-229.	0.0	0
135	Antibiotic treatment of infections caused by atypical bacteria. <i>Interni Medicina Pro Praxi</i> , 2018, 20, 27-31.	0.0	0
136	Dangerous multiresistant bacteria "superbugs" in contemporary medicine. <i>Interni Medicina Pro Praxi</i> , 2019, 21, 142-148.	0.0	0
137	Mezinárodní konsenzus European Heart Rhythm Association (EHRA) o tom, jak provádět infekční implantabilních elektronických srdečních záznamů; diagnostikovat a léčit je. Souhrn dokumentu pro praxi České společnosti kardiologické. <i>Cor Et Vasa</i> , 2020, 62, 281-307.	0	0
138	Průběh klinického mikrobiologa k mezinárodnímu konsenzu EHRA (International consensus EHRA from) <a href="#">Tj ETQq0 Q0 rgBT /O</a>	0	0
139	Routine SARS-CoV-2 RT-PCR testing before digestive endoscopy during the peak of the pandemic - a single tertiary center experience. <i>Biomedical Papers of the Medical Faculty of the University Palacký&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2021, 165, 380-385.	0.6	0
140	Molecular-biological analysis of vancomycin-resistant enterococci isolated from a community in the Czech Republic. <i>Biomedical Papers of the Medical Faculty of the University Palacký&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2004, 148, 167-9.	0.6	0
141	Infectious complications of induction treatment for acute myeloid leukaemia using the "7 + 3" protocol without antibiotic prophylaxis - 15 years of experience of one clinical site. <i>Biomedical Papers of the Medical Faculty of the University Palacký&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2022, , .	0.6	0