

Murat Akova

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115
papers

9,912
citations

46
h-index

99
g-index

133
ext. papers

12,329
ext. citations

7.7
avg, IF

5.73
L-index

#	Paper	IF	Citations
115	ESCMID* guideline for the diagnosis and management of Candida diseases 2012: non-neutropenic adult patients. <i>Clinical Microbiology and Infection</i> , 2012 , 18 Suppl 7, 19-37	9.5	774
114	Rapid evolution and spread of carbapenemases among Enterobacteriaceae in Europe. <i>Clinical Microbiology and Infection</i> , 2012 , 18, 413-31	9.5	599
113	The global threat of antimicrobial resistance: science for intervention. <i>New Microbes and New Infections</i> , 2015 , 6, 22-9	4.1	581
112	DALI: defining antibiotic levels in intensive care unit patients: are current β -lactam antibiotic doses sufficient for critically ill patients?. <i>Clinical Infectious Diseases</i> , 2014 , 58, 1072-83	11.6	564
111	Global guideline for the diagnosis and management of mucormycosis: an initiative of the European Confederation of Medical Mycology in cooperation with the Mycoses Study Group Education and Research Consortium. <i>Lancet Infectious Diseases, The</i> , 2019 , 19, e405-e421	25.5	441
110	Zygomycosis in Europe: analysis of 230 cases accrued by the registry of the European Confederation of Medical Mycology (ECMM) Working Group on Zygomycosis between 2005 and 2007. <i>Clinical Microbiology and Infection</i> , 2011 , 17, 1859-67	9.5	420
109	ESCMID and ECMM joint clinical guidelines for the diagnosis and management of mucormycosis 2013. <i>Clinical Microbiology and Infection</i> , 2014 , 20 Suppl 3, 5-26	9.5	413
108	ESCMID and ECMM joint clinical guidelines for the diagnosis and management of rare invasive yeast infections. <i>Clinical Microbiology and Infection</i> , 2014 , 20 Suppl 3, 76-98	9.5	324
107	ESCMID and ECMM joint guidelines on diagnosis and management of hyalohyphomycosis: <i>Fusarium</i> spp., <i>Scedosporium</i> spp. and others. <i>Clinical Microbiology and Infection</i> , 2014 , 20 Suppl 3, 27-46	9.5	291
106	Effect of appropriate combination therapy on mortality of patients with bloodstream infections due to carbapenemase-producing Enterobacteriaceae (INCREMENT): a retrospective cohort study. <i>Lancet Infectious Diseases, The</i> , 2017 , 17, 726-734	25.5	268
105	ESCMID* guideline for the diagnosis and management of Candida diseases 2012: adults with haematological malignancies and after haematopoietic stem cell transplantation (HCT). <i>Clinical Microbiology and Infection</i> , 2012 , 18 Suppl 7, 53-67	9.5	241
104	ESCMID* guideline for the diagnosis and management of Candida diseases 2012: diagnostic procedures. <i>Clinical Microbiology and Infection</i> , 2012 , 18 Suppl 7, 9-18	9.5	239
103	Efficacy and safety of an inactivated whole-virion SARS-CoV-2 vaccine (CoronaVac): interim results of a double-blind, randomised, placebo-controlled, phase 3 trial in Turkey. <i>Lancet, The</i> , 2021 , 398, 213-222	40	220
102	ESCMID and ECMM joint clinical guidelines for the diagnosis and management of systemic phaeohyphomycosis: diseases caused by black fungi. <i>Clinical Microbiology and Infection</i> , 2014 , 20 Suppl 3, 47-75	9.5	207
101	ESCMID* guideline for the diagnosis and management of Candida diseases 2012: prevention and management of invasive infections in neonates and children caused by <i>Candida</i> spp. <i>Clinical Microbiology and Infection</i> , 2012 , 18 Suppl 7, 38-52	9.5	206
100	Controlling the spread of carbapenemase-producing Gram-negatives: therapeutic approach and infection control. <i>Clinical Microbiology and Infection</i> , 2010 , 16, 102-11	9.5	182
99	Aetiology and resistance in bacteraemias among adult and paediatric haematology and cancer patients. <i>Journal of Infection</i> , 2014 , 68, 321-31	18.9	165

98	Which individuals are at increased risk of pneumococcal disease and why? Impact of COPD, asthma, smoking, diabetes, and/or chronic heart disease on community-acquired pneumonia and invasive pneumococcal disease. <i>Thorax</i> , 2015 , 70, 984-9	7.3	153
97	Risk assessment and prognostic factors for mould-related diseases in immunocompromised patients. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66 Suppl 1, i5-14	5.1	147
96	Interventional strategies and current clinical experience with carbapenemase-producing Gram-negative bacteria. <i>Clinical Microbiology and Infection</i> , 2012 , 18, 439-48	9.5	141
95	Prevalence of mcr-1 in Escherichia coli and Klebsiella pneumoniae recovered from bloodstream infections in China: a multicentre longitudinal study. <i>Lancet Infectious Diseases</i> , 2017 , 17, 400-410	25.5	139
94	Multidrug efflux inhibition in Acinetobacter baumannii: comparison between 1-(1-naphthylmethyl)-piperazine and phenyl-arginine-beta-naphthylamide. <i>Journal of Antimicrobial Chemotherapy</i> , 2006 , 57, 970-4	5.1	125
93	Metallo-beta-lactamases as emerging resistance determinants in Gram-negative pathogens: open issues. <i>International Journal of Antimicrobial Agents</i> , 2007 , 29, 380-8	14.3	121
92	Risk factors for target non-attainment during empirical treatment with β -lactam antibiotics in critically ill patients. <i>Intensive Care Medicine</i> , 2014 , 40, 1340-51	14.5	112
91	Is prolonged infusion of piperacillin/tazobactam and meropenem in critically ill patients associated with improved pharmacokinetic/pharmacodynamic and patient outcomes? An observation from the Defining Antibiotic Levels in Intensive care unit patients (DALI) cohort. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 196-207	5.1	104
90	Multidrug-resistant bacteria in solid organ transplant recipients. <i>Clinical Microbiology and Infection</i> , 2014 , 20 Suppl 7, 49-73	9.5	101
89	A Multinational, Preregistered Cohort Study of β -Lactam/ β -Lactamase Inhibitor Combinations for Treatment of Bloodstream Infections Due to Extended-Spectrum- β -Lactamase-Producing Enterobacteriaceae. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 4159-69	5.9	96
88	Task force on management and prevention of Acinetobacter baumannii infections in the ICU. <i>Intensive Care Medicine</i> , 2015 , 41, 2057-75	14.5	95
87	Epidemiology of antimicrobial resistance in bloodstream infections. <i>Virulence</i> , 2016 , 7, 252-66	4.7	88
86	Pharmacokinetic variability and exposures of fluconazole, anidulafungin, and caspofungin in intensive care unit patients: Data from multinational Defining Antibiotic Levels in Intensive care unit (DALI) patients Study. <i>Critical Care</i> , 2015 , 19, 33	10.8	83
85	Effect of 1-(1-naphthylmethyl)-piperazine, a novel putative efflux pump inhibitor, on antimicrobial drug susceptibility in clinical isolates of Enterobacteriaceae other than Escherichia coli. <i>Journal of Antimicrobial Chemotherapy</i> , 2006 , 57, 344-8	5.1	82
84	Clinical experience of colistin-glycopeptide combination in critically ill patients infected with Gram-negative bacteria. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 851-8	5.9	80
83	The effects of blood group types on the risk of COVID-19 infection and its clinical outcome. <i>Turkish Journal of Medical Sciences</i> , 2020 , 50, 679-683	2.7	79
82	1411. Tecioplanin (TEI) vs. Vancomycin (VAN) in Combination with Piperacillin-Tazobactam (TZP) or Meropenem (MER) as a Cause of Acute Kidney Injury (AKI). <i>Open Forum Infectious Diseases</i> , 2018 , 5, S434-S435	1.5	78
81	Fluoroquinolone prophylaxis in haematological cancer patients with neutropenia: ECIL critical appraisal of previous guidelines. <i>Journal of Infection</i> , 2018 , 76, 20-37	18.9	73

80	ESCMID* guideline for the diagnosis and management of Candida diseases 2012: developing European guidelines in clinical microbiology and infectious diseases. <i>Clinical Microbiology and Infection</i> , 2012 , 18 Suppl 7, 1-8	9.5	67
79	A Predictive Model of Mortality in Patients With Bloodstream Infections due to Carbapenemase-Producing Enterobacteriaceae. <i>Mayo Clinic Proceedings</i> , 2016 , 91, 1362-1371	6.4	66
78	Antimicrobial resistance and antibiotic stewardship programs in the ICU: insistence and persistence in the fight against resistance. A position statement from ESICM/ESCMID/WAAAR round table on multi-drug resistance. <i>Intensive Care Medicine</i> , 2018 , 44, 189-196	14.5	65
77	Does contemporary vancomycin dosing achieve therapeutic targets in a heterogeneous clinical cohort of critically ill patients? Data from the multinational DALI study. <i>Critical Care</i> , 2014 , 18, R99	10.8	65
76	ESCMID* guideline for the diagnosis and management of Candida diseases 2012: patients with HIV infection or AIDS. <i>Clinical Microbiology and Infection</i> , 2012 , 18 Suppl 7, 68-77	9.5	63
75	Oral antibiotics for fever in low-risk neutropenic patients with cancer: a double-blind, randomized, multicenter trial comparing single daily moxifloxacin with twice daily ciprofloxacin plus amoxicillin/clavulanic acid combination therapy--EORTC infectious diseases group trial XV. <i>Journal of Clinical Oncology</i> , 2012 , 31, 4148-54	2.2	63
74	High prevalence of ESBL-producing <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> in community-onset bloodstream infections in China. <i>Journal of Antimicrobial Chemotherapy</i> , 2017 , 72, 273-280	5.1	61
73	European expert opinion on the management of invasive candidiasis in adults. <i>Clinical Microbiology and Infection</i> , 2011 , 17 Suppl 5, 1-12	9.5	51
72	The spectrum of diseases causing fever of unknown origin in Turkey: a multicenter study. <i>International Journal of Infectious Diseases</i> , 2008 , 12, 71-9	10.5	51
71	A European Organization for Research and Treatment of Cancer-International Antimicrobial Therapy Group Study of secondary infections in febrile, neutropenic patients with cancer. <i>Clinical Infectious Diseases</i> , 2005 , 40, 239-45	11.6	43
70	Sulbactam-containing beta-lactamase inhibitor combinations. <i>Clinical Microbiology and Infection</i> , 2008 , 14 Suppl 1, 185-8	9.5	40
69	Development and validation of the INCREMENT-ESBL predictive score for mortality in patients with bloodstream infections due to extended-spectrum-β-lactamase-producing Enterobacteriaceae. <i>Journal of Antimicrobial Chemotherapy</i> , 2017 , 72, 906-913	5.1	36
68	Developing definitions for invasive fungal diseases in critically ill adult patients in intensive care units. Protocol of the FUNgal infections Definitions in ICU patients (FUNDICU) project. <i>Mycoses</i> , 2019 , 62, 310-319	5.2	36
67	Epidemiology and emerging resistance in bacterial bloodstream infections in patients with hematologic malignancies. <i>Infectious Diseases</i> , 2015 , 47, 686-93	3.1	34
66	Bacterial infection prevention after hematopoietic cell transplantation. <i>Bone Marrow Transplantation</i> , 2009 , 44, 467-70	4.4	34
65	Ertapenem for the treatment of bloodstream infections due to ESBL-producing Enterobacteriaceae: a multinational pre-registered cohort study. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 1672-80	5.1	33
64	Empiric Therapy With Carbapenem-Sparing Regimens for Bloodstream Infections due to Extended-Spectrum β-Lactamase-Producing Enterobacteriaceae: Results From the INCREMENT Cohort. <i>Clinical Infectious Diseases</i> , 2017 , 65, 1615-1623	11.6	33
63	Efficacy of β-Lactam/β-Lactamase Inhibitor Combinations for the Treatment of Bloodstream Infection Due to Extended-Spectrum-β-Lactamase-Producing Enterobacteriaceae in Hematological Patients with Neutropenia. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	31

62	Comparison of Predictors and Mortality Between Bloodstream Infections Caused by ESBL-Producing Escherichia coli and ESBL-Producing Klebsiella pneumoniae. <i>Infection Control and Hospital Epidemiology</i> , 2018 , 39, 660-667	2	29
61	Variability in protein binding of teicoplanin and achievement of therapeutic drug monitoring targets in critically ill patients: lessons from the DALI Study. <i>International Journal of Antimicrobial Agents</i> , 2014 , 43, 423-30	14.3	29
60	European Society of clinical microbiology and infectious diseases (ESCMID) guidelines for the treatment of infections caused by Multidrug-resistant Gram-negative bacilli (endorsed by ESICM -European Society of intensive care Medicine).. <i>Clinical Microbiology and Infection</i> , 2021 ,	9.5	27
59	Lung and kidney perfusion deficits diagnosed by dual-energy computed tomography in patients with COVID-19-related systemic microangiopathy. <i>European Radiology</i> , 2021 , 31, 1090-1099	8	27
58	Infections in the Elderly Critically-Ill Patients. <i>Frontiers in Medicine</i> , 2019 , 6, 118	4.9	26
57	Management of febrile neutropenia in the era of bacterial resistance. <i>Therapeutic Advances in Infectious Disease</i> , 2013 , 1, 37-43	2.8	22
56	Evaluation of a new chromogenic medium, chromID OXA-48, for recovery of carbapenemase-producing Enterobacteriaceae from patients at a university hospital in Turkey. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2015 , 34, 519-25	5.3	20
55	Laboratory-acquired brucellosis in Turkey. <i>Journal of Hospital Infection</i> , 2012 , 80, 326-30	6.9	20
54	Epidemiology of candidaemia in a tertiary care university hospital: 10-year experience with 381 candidaemia episodes between 2001 and 2010. <i>Mycoses</i> , 2015 , 58, 498-505	5.2	20
53	Developing and evaluating professionalism. <i>Medical Teacher</i> , 2006 , 28, 36-9	3	20
52	Discontinuation of empirical antibiotic therapy in neutropenic leukaemia patients with fever of unknown origin is ethical. <i>Clinical Microbiology and Infection</i> , 2015 , 21, e25-7	9.5	19
51	Leading infectious diseases problems in Turkey. <i>Clinical Microbiology and Infection</i> , 2012 , 18, 1056-67	9.5	19
50	Antimicrobial de-escalation in the critically ill patient and assessment of clinical cure: the DIANA study. <i>Intensive Care Medicine</i> , 2020 , 46, 1404-1417	14.5	18
49	Epidemiology of carbapenem-resistant Klebsiella pneumoniae colonization: a surveillance study at a Turkish university hospital from 2009 to 2013. <i>Diagnostic Microbiology and Infectious Disease</i> , 2016 , 85, 466-70	2.9	18
48	Infectious complications in patients with hematological malignancies consulted by the Infectious Diseases team: a retrospective cohort study (1997-2001). <i>Supportive Care in Cancer</i> , 2006 , 14, 52-5	3.9	18
47	Molecular characterization of NDM-1-producing Acinetobacter pittii isolated from Turkey in 2006. <i>Journal of Antimicrobial Chemotherapy</i> , 2014 , 69, 3437-8	5.1	17
46	Low-level laser therapy supported teeth extractions of two patients receiving IV zoledronate. <i>Lasers in Medical Science</i> , 2011 , 26, 569-75	3.1	16
45	A novel fungal pathogen under the spotlight--Acremonium spp. associated fungaemia in an immunocompetent host. <i>Mycoses</i> , 2011 , 54, 78-80	5.2	15

44	Community-acquired pneumonia in adults: Highlighting missed opportunities for vaccination. <i>European Journal of Internal Medicine</i> , 2017 , 37, 13-18	3.9	14
43	Emerging problem pathogens: A review of resistance patterns over time. <i>International Journal of Infectious Diseases</i> , 2006 , 10, S3-S8	10.5	14
42	Dual Role of in Antibiotic Resistance and Virulence in <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	11
41	A randomized, double-blind, placebo-controlled phase III clinical trial to evaluate the efficacy and safety of SARS-CoV-2 vaccine (inactivated, Vero cell): a structured summary of a study protocol for a randomised controlled trial. <i>Trials</i> , 2021 , 22, 276	2.8	11
40	Extended spectrum β lactamase producing enterobacteriaceae: carbapenem sparing options. <i>Expert Review of Anti-Infective Therapy</i> , 2019 , 17, 969-981	5.5	10
39	Pharmacokinetics of liposomal amphotericin B in neutropenic cancer patients. <i>International Journal of Pharmaceutics</i> , 2001 , 213, 153-61	6.5	9
38	Clinical efficacy of β lactam/ β lactamase inhibitor combinations for the treatment of bloodstream infection due to extended-spectrum β lactamase-producing Enterobacteriaceae in haematological patients with neutropaenia: a study protocol for a retrospective observational study (BICAR). <i>BMJ Open</i> , 2017 , 7, e013268	3	8
37	A multidisciplinary team approach to the management of patients with suspected or diagnosed invasive fungal disease. <i>Journal of Antimicrobial Chemotherapy</i> , 2013 , 68 Suppl 3, iii25-33	5.1	8
36	Geographical variation in therapy for bloodstream infections due to multidrug-resistant Enterobacteriaceae: a post-hoc analysis of the INCREMENT study. <i>International Journal of Antimicrobial Agents</i> , 2017 , 50, 664-672	14.3	8
35	Bacteremic and non-bacteremic pneumonia caused by <i>Acinetobacter baumannii</i> in ICUs of South China: A Clinical and Microbiological Study. <i>Scientific Reports</i> , 2017 , 7, 15279	4.9	8
34	Predictors of short-term outcome of spontaneous bacterial peritonitis in Turkish cirrhotic patients. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2005 , 20, 657-60	4	8
33	Prospective Evaluation of Infection Episodes in Cancer Patients in a Tertiary Care Academic Center: Microbiological Features and Risk Factors for Mortality. <i>Turkish Journal of Haematology</i> , 2016 , 33, 311-319	6.9	8
32	Outcome of noncritical COVID-19 patients with early hospitalization and early antiviral treatment outside the ICU. <i>Turkish Journal of Medical Sciences</i> , 2021 , 51, 411-420	2.7	8
31	Antibacterial Resistance in Patients with Hematopoietic Stem Cell Transplantation. <i>Mediterranean Journal of Hematology and Infectious Diseases</i> , 2017 , 9, e2017002	3.2	8
30	Reducing the impact of carbapenem-resistant Enterobacteriaceae on vulnerable patient groups: what can be done?. <i>Current Opinion in Infectious Diseases</i> , 2016 , 29, 555-560	5.4	7
29	Fungaemia due to rare yeasts in a tertiary care university centre within 18 years. <i>Mycoses</i> , 2020 , 63, 488-493	4.3	6
28	Treatment of invasive infections due to rare or emerging yeasts and moulds. <i>Expert Opinion on Pharmacotherapy</i> , 2006 , 7, 1181-90	4	6
27	Nosocomial bloodstream infections in a Turkish university hospital: study of Gram-negative bacilli and their sensitivity patterns. <i>International Journal of Antimicrobial Agents</i> , 2001 , 17, 477-81	14.3	6

26	Antimicrobial Stewardship in Hematological Patients at the intensive care unit: a global cross-sectional survey from the Nine-i Investigators Network. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2020 , 39, 385-392	5.3	6
25	An overview on severe infections in Europe. <i>Intensive Care Medicine</i> , 2017 , 43, 686-689	14.5	5
24	Etiology and prevalence of ESBLs in adult community-onset urinary tract infections in East China: A prospective multicenter study. <i>Journal of Infection</i> , 2021 , 83, 175-181	18.9	5
23	GRACE and the development of an education and training curriculum. <i>Clinical Microbiology and Infection</i> , 2012 , 18, E308-13	9.5	4
22	The Place and the Efficacy of Infectious Disease Consultations in the Hospitals. <i>Infectious Diseases in Clinical Practice</i> , 2012 , 20, 131-136	0.2	4
21	Recommendations for Risk Categorization and Prophylaxis of Invasive Fungal Diseases in Hematological Malignancies: A Critical Review of Evidence and Expert Opinion (TEO-4). <i>Turkish Journal of Haematology</i> , 2015 , 32, 100-17	0.9	4
20	Understanding resistance in Pseudomonas. <i>Intensive Care Medicine</i> , 2020 , 46, 350-352	14.5	3
19	The Role of Colistin in the Era of New β -Lactam/ β -Lactamase Inhibitor Combinations.. <i>Antibiotics</i> , 2022 , 11,	4.9	3
18	Impact of antibiotic resistance on outcomes of neutropenic cancer patients with bacteraemia (IRONIC study): study protocol of a retrospective multicentre international study. <i>BMJ Open</i> , 2019 , 9, e025744	3	2
17	Reply to Rhodes et al. <i>Clinical Infectious Diseases</i> , 2014 , 59, 907-8	11.6	2
16	The features of infectious diseases departments and anti-infective practices in France and Turkey: a cross-sectional study. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2014 , 33, 1591-9	5.3	2
15	Clinical research in the lay press: irresponsible journalism raises a huge dose of doubt. <i>Clinical Infectious Diseases</i> , 2006 , 43, 1031-9	11.6	2
14	Characteristics and outcomes of carbapenemase harbouring carbapenem-resistant <i>Klebsiella</i> spp. bloodstream infections: a multicentre prospective cohort study in an OXA-48 endemic setting.. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2022 , 1	5.3	2
13	Neuroinvasive Listeriosis: Could Petechial Hemorrhages be a Diagnostic Clue?. <i>Neurologist</i> , 2018 , 23, 86-91	1.6	1
12	Occupational risk of hepatitis B and C infections in urologists. <i>Urologia Internationalis</i> , 1998 , 61, 206-9	1.9	1
11	Gram-Negative Infections. <i>Hematologic Malignancies</i> , 2021 , 161-179	0	1
10	CoronaVac efficacy data from Turkey - AuthorsTrepley. <i>Lancet, The</i> , 2021 , 398, 1874	40	1
9	Pulmonary nocardiosis caused by <i>Nocardia</i> abscessus mimicking pulmonary thromboembolism in a patient with atypical anti-glomerular basement membrane glomerulonephritis. <i>Tuberkuloz Ve Toraks</i> , 2021 , 69, 237-241	0.8	1

8	Expect the unexpected: fungemia caused by uncommon <i>Candida</i> species in a Turkish University Hospital. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021 , 40, 1539-1545	5.3	1
7	A retrospective observational cohort study of the clinical epidemiology of bloodstream infections due to carbapenem-resistant <i>Klebsiella pneumoniae</i> in an OXA-48 endemic setting.. <i>International Journal of Antimicrobial Agents</i> , 2022 , 106554	14.3	1
6	Effect of Combination Antibiotic Empirical Therapy on Mortality in Neutropenic Cancer Patients with Pneumonia.. <i>Microorganisms</i> , 2022 , 10,	4.9	1
5	Antimicrobial Stewardship in Hematology Patients 2017 , 205-217		
4	Comparative In Vitro Activity of Sparfloxacin against Gram-Positive Cocci. <i>Drugs</i> , 1993 , 45, 199-200	12.1	
3	Microbiological Background 2015 , 63-87		
2	Factors associated with severe lung disease in an adult population with cystic fibrosis: a single-center experience. <i>Turkish Journal of Medical Sciences</i> , 2020 , 50, 945-952	2.7	
1	Is there still a room for improvement in antimicrobial use in a setting where use of broad-spectrum antibiotics require approval of an infectious diseases physician?. <i>Infection Control and Hospital Epidemiology</i> , 2022 , 1-3	2	