

Martin Rottman

List of Publications by Year in descending order

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74
papers

4,019
citations

172457

29
h-index

123424

61
g-index

81
all docs

81
docs citations

81
times ranked

5975
citing authors

#	ARTICLE	IF	CITATIONS
1	Surging bloodstream infections and antimicrobial resistance during the first wave of COVID-19: a study in a large multihospital institution in the Paris region. <i>International Journal of Infectious Diseases</i> , 2022, 114, 90-96.	3.3	28
2	Native bone and joint infections caused by extended-spectrum β -lactamase-producing Enterobacterales: experience of a reference centre in the Greater Paris area. <i>International Journal of Antimicrobial Agents</i> , 2022, 59, 106497.	2.5	2
3	Modeling the omicron wave in France in early 2022: Balancing herd immunity with protecting the most vulnerable. <i>Journal of Travel Medicine</i> , 2022, , .	3.0	6
4	A mobile DNA laboratory for forensic science adapted to coronavirus SARS-CoV-2 diagnosis. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021, 40, 197-200.	2.9	8
5	Population pharmacokinetics of lopinavir/ritonavir in Covid-19 patients. <i>European Journal of Clinical Pharmacology</i> , 2021, 77, 389-397.	1.9	15
6	Versatile and flexible microfluidic qPCR test for high-throughput SARS-CoV-2 and cellular response detection in nasopharyngeal swab samples. <i>PLoS ONE</i> , 2021, 16, e0243333.	2.5	14
7	Four-Hour Immunochromatographic Detection of Intestinal Carriage of Carbapenemase-Producing <i>Enterobacteriaceae</i> : a Validation Study. <i>Journal of Clinical Microbiology</i> , 2021, 59, .	3.9	1
8	Treatment of bone and joint infections by ceftazidime/avibactam and ceftolozane/tazobactam: a cohort study. <i>Journal of Global Antimicrobial Resistance</i> , 2021, 25, 282-286.	2.2	7
9	Randomized Cross Over Study Assessing the Efficacy of Non-invasive Stimulation of the Vagus Nerve in Patients With Axial Spondyloarthritis Resistant to Biotherapies: The ESNV-SPA Study Protocol. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 679775.	2.0	1
10	Monocyte distribution width as a biomarker of resistance to corticosteroids in patients with sepsis: the MOCORSEP observational study. <i>Intensive Care Medicine</i> , 2021, 47, 1161-1164.	8.2	5
11	Plasma Biomarkers Screening by Multiplex ELISA Assay in Patients with Advanced Non-Small Cell Lung Cancer Treated with Immune Checkpoint Inhibitors. <i>Cancers</i> , 2021, 13, 97.	3.7	6
12	<i>Cutibacterium acnes</i> clonal complexes display various growth rates in blood culture vials used for diagnosing orthopedic device-related infections. <i>Anaerobe</i> , 2021, 72, 102469.	2.1	1
13	Growth detection of <i>Cutibacterium acnes</i> from orthopaedic implant-associated infections in anaerobic bottles from BACTEC and BacT/ALERT blood culture systems and comparison with conventional culture media. <i>Anaerobe</i> , 2020, 61, 102133.	2.1	18
14	Predictive factors for positive disco-vertebral biopsy culture in pyogenic vertebral osteomyelitis, and impact of fluoroscopic versus scanographic guidance. <i>BMC Infectious Diseases</i> , 2020, 20, 512.	2.9	10
15	Eculizumab as an emergency treatment for adult patients with severe COVID-19 in the intensive care unit: A proof-of-concept study. <i>EClinicalMedicine</i> , 2020, 28, 100590.	7.1	129
16	Case series of carbapenemase-producing Enterobacteriaceae osteomyelitis: Feel it in your bones. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 23, 74-78.	2.2	8
17	Fluorescein Derivatives as Fluorescent Probes for pH Monitoring along Recent Biological Applications. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9217.	4.1	80
18	Measurement of Serum Anti-staphylococcal Antibodies Increases Positive Predictive Value of Preoperative Aspiration for Hip Prosthetic Joint Infection. <i>Clinical Orthopaedics and Related Research</i> , 2020, 478, 2786-2797.	1.5	5

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19	Management of established pressure ulcer infections in spinal cord injury patients. <i>MÃ©decine Et Maladies Infectieuses</i> , 2019, 49, 9-16.	5.0	17
20	Multiplex Antibody Measurement for Post-treatment Follow-up of Staphylococcal Prosthetic Joint Infection: A Diagnostic Pilot Study. <i>Journal of Bone and Joint Infection</i> , 2019, 4, 227-233.	1.5	5
21	Molecular Typing of Multiple Isolates Is Essential to Diagnose Cutibacterium acnes Orthopedic Device-related Infection. <i>Clinical Infectious Diseases</i> , 2019, 68, 1942-1945.	5.8	15
22	Efficacy of ceftoxitin for the treatment of urinary tract infection due to extended-spectrum-beta-lactamase-producing <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> isolates. <i>Therapeutic Advances in Infectious Disease</i> , 2019, 6, 204993611881105.	1.8	6
23	Risk factors for respiratory tract bacterial colonization in adults with neuromuscular or neurological disorders and chronic tracheostomy. <i>Respiratory Medicine</i> , 2019, 152, 32-36.	2.9	11
24	Monomicrobial bone and joint infection due to <i>Corynebacterium striatum</i> : literature review and amoxicillin-rifampin combination as treatment perspective. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2019, 38, 1269-1278.	2.9	16
25	Efficacy of cotrimoxazole (Sulfamethoxazole-Trimethoprim) as a salvage therapy for the treatment of bone and joint infections (BJIs). <i>PLoS ONE</i> , 2019, 14, e0224106.	2.5	7
26	Benefits of Polymerase Chain Reaction Combined With Culture for the Diagnosis of Bone and Joint Infections: A Prospective Test Performance Study. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz511.	0.9	18
27	Case of femoral pseudarthrosis due to <i>Scedosporium apiospermum</i> in an immunocompetent patient with successful conservative treatment and review of literature. <i>Mycoses</i> , 2018, 61, 400-409.	4.0	4
28	In-Host Adaptation of <i>Salmonella enterica</i> Serotype Dublin during Prosthetic Hip Joint Infection. <i>Emerging Infectious Diseases</i> , 2018, 24, 2360-2363.	4.3	6
29	In-Host Adaptation of <i>Salmonella enterica</i> Serotype Dublin during Prosthetic Hip Joint Infection. <i>Emerging Infectious Diseases</i> , 2018, 24, 2360-2363.	4.3	0
30	Ceftolozane/tazobactam for febrile UTI due to multidrug-resistant <i>Pseudomonas aeruginosa</i> in a patient with neurogenic bladder. <i>Spinal Cord Series and Cases</i> , 2017, 3, 17019.	0.6	3
31	Ceftazidime-Avibactam and Aztreonam, an Interesting Strategy To Overcome β -Lactam Resistance Conferred by Metallo- β -Lactamases in Enterobacteriaceae and <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	124
32	Emergence of Plasmid-Mediated Fosfomycin-Resistance Genes among <i>Escherichia coli</i> Isolates, France. <i>Emerging Infectious Diseases</i> , 2017, 23, 1564-1567.	4.3	42
33	The distinct fate of smooth and rough <i>Mycobacterium abscessus</i> variants inside macrophages. <i>Open Biology</i> , 2016, 6, 160185.	3.6	132
34	A Broad-Spectrum Infection Diagnostic that Detects Pathogen-Associated Molecular Patterns (PAMPs) in Whole Blood. <i>EBioMedicine</i> , 2016, 9, 217-227.	6.1	40
35	Multiplex Antibody Detection for Noninvasive Genus-Level Diagnosis of Prosthetic Joint Infection. <i>Journal of Clinical Microbiology</i> , 2016, 54, 1065-1073.	3.9	30
36	Rapid Isolation of <i>Staphylococcus aureus</i> Pathogens from Infected Clinical Samples Using Magnetic Beads Coated with Fc-Mannose Binding Lectin. <i>PLoS ONE</i> , 2016, 11, e0156287.	2.5	30

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37	Comparative Evaluation of Two PCR-Based Methods for Detection of Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA): Xpert MRSA Gen 3 and BD-Max MRSA XT. <i>Journal of Clinical Microbiology</i> , 2015, 53, 1955-1958.	3.9	20
38	Improved treatment of systemic blood infections using antibiotics with extracorporeal opsonin hemoadsorption. <i>Biomaterials</i> , 2015, 67, 382-392.	11.4	65
39	Bacterial phospholipases C as vaccine candidate antigens against cystic fibrosis respiratory pathogens: The <i>Mycobacterium abscessus</i> model. <i>Vaccine</i> , 2015, 33, 2118-2124.	3.8	38
40	<i>Ruminococcus gnavus</i> Total Hip Arthroplasty Infection in a 62-Year-Old Man with Ulcerative Colitis. <i>Journal of Clinical Microbiology</i> , 2015, 53, 1428-1430.	3.9	23
41	<i>Mycobacterium abscessus</i> Phospholipase C Expression Is Induced during Coculture within <i>Amoebae</i> and Enhances <i>M. abscessus</i> Virulence in Mice. <i>Infection and Immunity</i> , 2015, 83, 780-791.	2.2	54
42	Suppression of Surgeons' Bacterial Hand Flora during Surgical Procedures with a New Antimicrobial Surgical Glove. <i>Surgical Infections</i> , 2014, 15, 43-49.	1.4	29
43	An extracorporeal blood-cleansing device for sepsis therapy. <i>Nature Medicine</i> , 2014, 20, 1211-1216.	30.7	254
44	Genetic Analysis of Glycopeptide-Resistant <i>Staphylococcus epidermidis</i> Strains from Bone and Joint Infections. <i>Journal of Clinical Microbiology</i> , 2013, 51, 1014-1019.	3.9	12
45	Robustness of two MALDI-TOF mass spectrometry systems for bacterial identification. <i>Journal of Microbiological Methods</i> , 2012, 89, 133-136.	1.6	89
46	Titanium-Tethered Vancomycin Prevents Resistance to Rifampicin in <i>Staphylococcus aureus</i> in vitro. <i>PLoS ONE</i> , 2012, 7, e52883.	2.5	14
47	Overexpression of proinflammatory TLR-2-signalling lipoproteins in hypervirulent mycobacterial variants. <i>Cellular Microbiology</i> , 2011, 13, 692-704.	2.1	66
48	Diagnosis of prosthetic joint infection by beadmill processing of a periprosthetic specimen. <i>Clinical Microbiology and Infection</i> , 2011, 17, 447-450.	6.0	81
49	Anti-bacterial Function of Mucosal Associated Invariant T Cells. <i>Clinical Immunology</i> , 2010, 135, S34-S35.	3.2	0
50	Spondylodiscitis due to <i>Propionibacterium acnes</i> : report of twenty-nine cases and a review of the literature. <i>Clinical Microbiology and Infection</i> , 2010, 16, 353-358.	6.0	98
51	Identification of clinical coagulase-negative staphylococci, isolated in microbiology laboratories, by matrix-assisted laser desorption/ionization-time of flight mass spectrometry and two automated systems. <i>Clinical Microbiology and Infection</i> , 2010, 16, 998-1004.	6.0	107
52	Antimicrobial activity of mucosal-associated invariant T cells. <i>Nature Immunology</i> , 2010, 11, 701-708.	14.5	828
53	Decreased Susceptibility to Teicoplanin and Vancomycin in Coagulase-Negative Staphylococci Isolated from Orthopedic-Device-Associated Infections. <i>Journal of Clinical Microbiology</i> , 2010, 48, 1428-1431.	3.9	47
54	Specific Distribution within the <i>Enterobacter cloacae</i> Complex of Strains Isolated from Infected Orthopedic Implants. <i>Journal of Clinical Microbiology</i> , 2009, 47, 2489-2495.	3.9	67

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55	Acute Respiratory Failure Involving an R Variant of <i>Mycobacterium abscessus</i> . Journal of Clinical Microbiology, 2009, 47, 271-274.	3.9	125
56	Partial <i>atlE</i> Sequencing of <i>Staphylococcus epidermidis</i> Strains from Prosthetic Joint Infections. Journal of Clinical Microbiology, 2009, 47, 2321-2324.	3.9	6
57	<i>Gardnerella vaginalis</i> Acute Hip Arthritis in a Renal Transplant Recipient. Journal of Clinical Microbiology, 2009, 47, 264-265.	3.9	21
58	Multicenter Study of Prevalence of Nontuberculous Mycobacteria in Patients with Cystic Fibrosis in France. Journal of Clinical Microbiology, 2009, 47, 4124-4128.	3.9	267
59	Non Mycobacterial Virulence Genes in the Genome of the Emerging Pathogen <i>Mycobacterium abscessus</i> . PLoS ONE, 2009, 4, e5660.	2.5	309
60	IFN- γ Mediates the Rejection of Haematopoietic Stem Cells in IFN- γ R1-Deficient Hosts. PLoS Medicine, 2008, 5, e26.	8.4	67
61	Importance of T Cells, Gamma Interferon, and Tumor Necrosis Factor in Immune Control of the Rapid Grower <i>Mycobacterium abscessus</i> in C57BL/6 Mice. Infection and Immunity, 2007, 75, 5898-5907.	2.2	89
62	Hypervirulence of a Rough Variant of the <i>Mycobacterium abscessus</i> Type Strain. Infection and Immunity, 2007, 75, 1055-1058.	2.2	164
63	Control of an ACC-1-producing <i>Klebsiella pneumoniae</i> outbreak in a physical medicine and rehabilitation unit. Journal of Hospital Infection, 2006, 63, 34-38.	2.9	5
64	Polymorphism of the Cell Wall-Anchoring Domain of the Autolysin-Adhesin <i>AtlE</i> and Its Relationship to Sequence Type, as Revealed by Multilocus Sequence Typing of Invasive and Commensal <i>Staphylococcus epidermidis</i> Strains. Journal of Clinical Microbiology, 2006, 44, 1839-1843.	3.9	10
65	Spread of a <i>Klebsiella pneumoniae</i> Strain Producing a Plasmid-Mediated ACC-1 AmpC β -Lactamase in a Teaching Hospital Admitting Disabled Patients. Antimicrobial Agents and Chemotherapy, 2005, 49, 2095-2097.	3.2	30
66	Use of Genotypic Identification by <i>sodA</i> Sequencing in a Prospective Study To Examine the Distribution of Coagulase-Negative <i>Staphylococcus</i> Species among Strains Recovered during Septic Orthopedic Surgery and Evaluate Their Significance. Journal of Clinical Microbiology, 2005, 43, 2952-2954.	3.9	57
67	Measurement of Immunoglobulin G against Mycobacterial Antigen A60 in Patients with Cystic Fibrosis and Lung Infection Due to <i>Mycobacterium abscessus</i> . Clinical Infectious Diseases, 2005, 40, 58-66.	5.8	33
68	Use of <i>sodA</i> sequencing for the identification of clinical isolates of coagulase-negative staphylococci. Clinical Microbiology and Infection, 2004, 10, 939-942.	6.0	28
69	Clinical Microbiology in the Year 2025: Serologic and Host-Oriented Diagnosis. Journal of Clinical Microbiology, 2003, 41, 2268-2268.	3.9	0
70	Chromosomal <i>ampC</i> genes in <i>Enterobacter</i> species other than <i>Enterobacter cloacae</i> , and ancestral association of the ACT-1 plasmid-encoded cephalosporinase to <i>Enterobacter asburiae</i> . FEMS Microbiology Letters, 2002, 210, 87-92.	1.8	41
71	BUT-1: a new member in the chromosomal inducible class C β -lactamases family from a clinical isolate of <i>Buttiauxella</i> sp.. FEMS Microbiology Letters, 2002, 213, 103-111.	1.8	10
72	Diagnosis of <i>Actinobacillus actinomycetemcomitans</i> Infective Endocarditis after Steadily Negative Blood Cultures. Journal of Infection, 2002, 44, 208-210.	3.3	2

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73	Chromosomal ampC genes in Enterobacter species other than Enterobacter cloacae, and ancestral association of the ACT-1 plasmid-encoded cephalosporinase to Enterobacter asburiae. FEMS Microbiology Letters, 2002, 210, 87-92.	1.8	1
74	Clinical Resistance to Amoxicillin of a Gravidic Urinary Tract Infection Caused by Neisseria mucosa. Journal of Infection, 2001, 43, 160-161.	3.3	5