Andrej Trampuz

List of Publications by Year in descending order

206 papers	15,392 citations	30047 54 h-index	19169 118 g-index
231 all docs	231 docs citations	231 times ranked	10302 citing authors

#	Article	IF	Citations
1	The role of biopsy in diagnosing infection after hip and knee arthroplasty: a meta-analysis. Archives of Orthopaedic and Trauma Surgery, 2023, 143, 1779-1792.	1.3	6
2	High Frequency of Low-Virulent Microorganisms Detected by Sonication of Implanted Pulse Generators: So What?. Stereotactic and Functional Neurosurgery, 2022, 100, 8-13.	0.8	4
3	A Nanohookâ€Equipped Bionanocatalyst for Localized Nearâ€Infraredâ€Enhanced Catalytic Bacterial Disinfection. Angewandte Chemie, 2022, 134, e202113833.	1.6	9
4	A Nanohookâ€Equipped Bionanocatalyst for Localized Nearâ€Infraredâ€Enhanced Catalytic Bacterial Disinfection. Angewandte Chemie - International Edition, 2022, 61, .	7.2	38
5	Bacteriophage Therapy as a Treatment Option for Complex Cardiovascular Implant Infection: The German Heart Center Berlin experience. Journal of Heart and Lung Transplantation, 2022, , .	0.3	9
6	Meta-analysis of synovial fluid polymerase chain reaction for diagnosing periprosthetic hip and knee infection. Journal of Orthopaedic Surgery and Research, 2022, 17, 3.	0.9	2
7	Global Publication Trends and Research Hotspots of Revision Hip and Knee Arthroplasty: A 21-Year Bibliometric Approach. Journal of Arthroplasty, 2022, 37, 974-984.	1.5	14
8	Outcome and Failure Analysis of 132 Episodes of Hematogenous Periprosthetic Joint Infectionsâ€”A Cohort Study. Open Forum Infectious Diseases, 2022, 9, ofac094.	0.4	14
9	Clinical evaluation of dithiothreitol in comparison with sonication for biofilm dislodgement in the microbiological diagnosis of periprosthetic joint infection. Diagnostic Microbiology and Infectious Disease, 2022, 103, 115679.	0.8	5
10	Photocatalytic Quantum Dotâ€Armed Bacteriophage for Combating Drugâ€Resistant Bacterial Infection. Advanced Science, 2022, 9, e2105668.	5.6	13
11	A bibliometric analysis of clinical research on fracture-related infection. BioMed Research International, 2022, 2022, 1-15.	0.9	8
12	Outcome Analysis of the Use of CeramentÂ® in Patients with Chronic Osteomyelitis and Corticomedullary Defects. Diagnostics, 2022, 12, 1207.	1.3	9
13	Microbiological Advantages of Open Incisional Biopsies for the Diagnosis of Suspected Periprosthetic Joint Infections. Journal of Clinical Medicine, 2022, 11, 2730.	1.0	1
14	Novel Bacteriophage Specific against Staphylococcus epidermidis and with Antibiofilm Activity. Viruses, 2022, 14, 1340.	1.5	12
15	Preoperative synovial fluid culture poorly predicts the pathogen causing periprosthetic joint infection. Infection, 2021, 49, 427-436.	2.3	29
16	Microbiological analysis of cement spacers in two-stage revision arthroplasty for periprosthetic shoulder infection. Obere Extremitat, 2021, 16, 59-67.	0.4	2
17	The Pertinent Literature of Enhanced Recovery after Surgery Programs: A Bibliometric Approach. Medicina (Lithuania), 2021, 57, 172.	0.8	10
18	Soluble Pecam-1 as a Biomarker in Periprosthetic Joint Infection. Journal of Clinical Medicine, 2021, 10, 612.	1.0	6

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19	Controversy about the Role of Rifampin in Biofilm Infections: Is It Justified?. Antibiotics, 2021, 10, 165.	1.5	23
20	Invited reply to the letter to the editor by McNally et al., 2021. BMC Musculoskeletal Disorders, 2021, 22, 256.	0.8	0
21	The value of conventional radiographs for diagnosing internal fixation-associated infection. BMC Musculoskeletal Disorders, 2021, 22, 411.	0.8	2
22	On the function of biosynthesized cellulose as barrier against bacterial colonization of VAD drivelines. Scientific Reports, 2021, 11, 18776.	1.6	6
23	Diagnostic accuracy of multiplex polymerase chain reaction on tissue biopsies in periprosthetic joint infections. Scientific Reports, 2021, 11, 19487.	1.6	5
24	Antimicrobial Resistance, the COVID-19 Pandemic, and Lessons for the Orthopaedic Community. Journal of Bone and Joint Surgery - Series A, 2021, 103, 4-9.	1.4	8
25	Humeral periosteal spur sign with osteolysis as an early radiographic indicator of low-grade prosthetic shoulder infection. BMJ Case Reports, 2021, 14, .	0.2	0
26	Clinical application of robotic orthopedic surgery: a bibliometric study. BMC Musculoskeletal Disorders, 2021, 22, 968.	0.8	36
27	Bacteriophage Therapy for the Prevention and Treatment of Fracture-Related Infection Caused by Staphylococcus aureus: a Preclinical Study. Microbiology Spectrum, 2021, 9, e0173621.	1.2	15
28	General treatment principles for fracture-related infection: recommendations from an international expert group. Archives of Orthopaedic and Trauma Surgery, 2020, 140, 1013-1027.	1.3	141
29	Twenty common errors in the diagnosis and treatment of periprosthetic joint infection. International Orthopaedics, 2020, 44, 3-14.	0.9	71
30	Treatment of chronic left ventricular assist device infection with local application of bacteriophages. European Journal of Cardio-thoracic Surgery, 2020, 57, 1003-1004.	0.6	30
31	Successful bacteriophage treatment of infection involving cardiac implantable electronic device and aortic graft: a Trojan horse concept. Europace, 2020, 22, 597-597.	0.7	9
32	Diagnosing Fracture-Related Infection: Current Concepts and Recommendations. Journal of Orthopaedic Trauma, 2020, 34, 8-17.	0.7	179
33	Recommendations for Systemic Antimicrobial Therapy in Fracture-Related Infection: A Consensus From an International Expert Group. Journal of Orthopaedic Trauma, 2020, 34, 30-41.	0.7	77
34	Is combining serum interleukin-6 and C-reactive protein a reliable diagnostic tool in periprosthetic joint infections?. Journal of Orthopaedic Surgery and Research, 2020, 15, 450.	0.9	6
35	Bacteriophageâ€“antibiotic combinations against ciprofloxacin/ceftriaxone-resistant Escherichia coli in vitro and in an experimental Galleria mellonella model. International Journal of Antimicrobial Agents, 2020, 56, 106200.	1.1	29
36	Characterization of medical relevant anaerobic microorganisms by isothermal microcalorimetry. Anaerobe, 2020, 66, 102282.	1.0	5

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37	Meta-analysis in periprosthetic joint infection: a global bibliometric analysis. Journal of Orthopaedic Surgery and Research, 2020, 15, 251.	0.9	19
38	Evaluation of Staphylococcal Bacteriophage Sb-1 as an Adjunctive Agent to Antibiotics Against Rifampin-Resistant Staphylococcus aureus Biofilms. Frontiers in Microbiology, 2020, 11, 602057.	1.5	16
39	Spinal implant-associated infections: a prospective multicentre cohort study. International Journal of Antimicrobial Agents, 2020, 56, 106116.	1.1	15
40	Meta-analysis of serum and/or plasma D-dimer in the diagnosis of periprosthetic joint infection. Journal of Orthopaedic Surgery and Research, 2020, 15, 298.	0.9	11
41	Adjunctive Use of Phage Sb-1 in Antibiotics Enhances Inhibitory Biofilm Growth Activity versus Rifampin-Resistant Staphylococcus aureus Strains. Antibiotics, 2020, 9, 749.	1.5	11
42	Outcome of spinal implant-associated infections treated with or without biofilm-active antibiotics: results from a 10-year cohort study. Infection, 2020, 48, 559-568.	2.3	23
43	The global state of clinical research and trends in periprosthetic joint infection: A bibliometric analysis. International Journal of Infectious Diseases, 2020, 96, 696-709.	1.5	30
44	Thermogenic diagnosis of periprosthetic joint infection by microcalorimetry of synovial fluid. BMC Musculoskeletal Disorders, 2020, 21, 345.	0.8	10
45	Infographic: Can the oncology classification system be used for prosthetic joint infection?. Bone and Joint Research, 2020, 9, 77-78.	1.3	11
46	Can the oncology classification system be used for prosthetic joint infection?. Bone and Joint Research, 2020, 9, 79-81.	1.3	15
47	Synovial Fluid d-Lactateâ€"A Novel Pathogen-Specific Biomarker for the Diagnosis of Periprosthetic Joint Infection. Journal of Arthroplasty, 2020, 35, 2223-2229.e2.	1.5	21
48	Antibacterial Efficacy of Two Commercially Available Bacteriophage Formulations, Staphylococcal Bacteriophage and PYO Bacteriophage, Against Methicillin-Resistant Staphylococcus aureus: Prevention and Eradication of Biofilm Formation and Control of a Systemic Infection of Galleria mellonella Larvae. Frontiers in Microbiology, 2020, 11, 110.	1.5	44
49	Replacing one evil with another: Is the fibula really a dispensable spare part available for transfer in patients with medication-related osteonecrosis of the jaws?. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2020, 129, e257-e263.	0.2	3
50	Antimicrobial activity of bioactive glass S53P4 against representative microorganisms causing osteomyelitis â€" Real-time assessment by isothermal microcalorimetry. Colloids and Surfaces B: Biointerfaces, 2020, 189, 110853.	2.5	12
51	Fracture-related infection: current methods for prevention and treatment. Expert Review of Anti-Infective Therapy, 2020, 18, 307-321.	2.0	38
52	Biofilm-active antibiotic treatment improves the outcome of knee periprosthetic joint infection: Results from a 6-year prospective cohort study. International Journal of Antimicrobial Agents, 2020, 55, 105904.	1.1	22
53	Using Bacteriophages as a Trojan Horse to the Killing of Dual-Species Biofilm Formed by Pseudomonas aeruginosa and Methicillin Resistant Staphylococcus aureus. Frontiers in Microbiology, 2020, 11, 695.	1.5	32
54	Value of multiplex PCR for detection of antimicrobial resistance in samples retrieved from patients with orthopaedic infections. BMC Microbiology, 2020, 20, 88.	1.3	7

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55	Improved pre-operative diagnostic accuracy for low-grade prosthetic joint infections using second-generation multiplex Polymerase chain reaction on joint fluid aspirate. International Orthopaedics, 2020, 44, 1629-1637.	0.9	20
56	Comparison of sonication with chemical biofilm dislodgement methods using chelating and reducing agents: Implications for the microbiological diagnosis of implant associated infection. PLoS ONE, 2020, 15, e0231389.	1.1	11
57	Titanium coating with mussel inspired polymer and bio-orthogonal chemistry enhances antimicrobial activity against Staphylococcus aureus. Materials Science and Engineering C, 2020, 116, 111109.	3.8	16
58	Antibiotic treatment of postoperative spinal implant infections. Journal of Spine Surgery, 2020, 6, 785-792.	0.6	10
59	Management of neurosurgical implant-associated infections. Swiss Medical Weekly, 2020, 150, w20208.	0.8	9
60	Title is missing!. , 2020, 15, e0231389.		0
61	Title is missing!. , 2020, 15, e0231389.		0
62	Title is missing!. , 2020, 15, e0231389.		0
63	Title is missing!. , 2020, 15, e0231389.		0
64	Title is missing!. , 2020, 15, e0231389.		0
65	Title is missing!. , 2020, 15, e0231389.		0
66	The worst-case scenario: treatment of periprosthetic femoral fracture with coexistent periprosthetic infectionâ€"a prospective and consecutive clinical study. Archives of Orthopaedic and Trauma Surgery, 2019, 139, 1461-1470.	1.3	12
67	Periprosthetic joint infection: current concepts and outlook. EFORT Open Reviews, 2019, 4, 482-494.	1.8	338
68	Release of different amphotericin B formulations from PMMA bone cements and their activity against Candida biofilm. Colloids and Surfaces B: Biointerfaces, 2019, 183, 110406.	2.5	12
69	Infection after fracture fixation. EFORT Open Reviews, 2019, 4, 468-475.	1.8	44
70	Long-term antimicrobial suppression prevents treatment failure of streptococcal periprosthetic joint infection. Journal of Infection, 2019, 79, 236-244.	1.7	16
71	A case report of cutaneous mucormycosis of the hand after minor trauma in a patient with acute myeloid leukaemia. Trauma Case Reports, 2019, 23, 100221.	0.2	5
72	Diagnosis of peripheral bone and prosthetic joint infections: overview on the consensus documents by the EANM, EBJIS, and ESR (with ESCMID endorsement). European Radiology, 2019, 29, 6425-6438.	2.3	36

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73	Synergistic Activity of Fosfomycin, Ciprofloxacin, and Gentamicin Against Escherichia coli and Pseudomonas aeruginosa Biofilms. Frontiers in Microbiology, 2019, 10, 2522.	1.5	45
74	Thermogenic Characterization and Antifungal Susceptibility of Candida auris by Microcalorimetry. Journal of Fungi (Basel, Switzerland), 2019, 5, 103.	1.5	8
75	Sonication Improves Pathogen Detection in Ventriculoperitoneal Shunt-Associated Infections. Neurosurgery, 2019, 85, 516-523.	0.6	11
76	Consensus document for the diagnosis of prosthetic joint infections: a joint paper by the EANM, EBJIS, and ESR (with ESCMID endorsement). European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 971-988.	3.3	136
77	Consensus document for the diagnosis of peripheral bone infection in adults: a joint paper by the EANM, EBJIS, and ESR (with ESCMID endorsement). European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 957-970.	3.3	74
78	Performance of synovial fluid D-lactate for the diagnosis of periprosthetic joint infection: A prospective observational study. Journal of Infection, 2019, 79, 123-129.	1.7	27
79	Culture of periprosthetic tissue in blood culture bottles for diagnosing periprosthetic joint infection. BMC Musculoskeletal Disorders, 2019, 20, 299.	0.8	15
80	High frequency of low-virulent microorganisms detected by sonication of pedicle screws: a potential cause for implant failure. Journal of Neurosurgery: Spine, 2019, 31, 424-429.	0.9	41
81	In vitro antimicrobial activity against Abiotrophia defectiva and Granulicatella elegans biofilms. Journal of Antimicrobial Chemotherapy, 2019, 74, 2261-2268.	1.3	10
82	Isothermal Microcalorimetry Detects the Presence of Persister Cells in a Staphylococcus aureus Biofilm After Vancomycin Treatment. Frontiers in Microbiology, 2019, 10, 332.	1.5	26
83	Bacteriophages as Adjuvant to Antibiotics for the Treatment of Periprosthetic Joint Infection Caused by Multidrug-Resistant Pseudomonas aeruginosa. Antimicrobial Agents and Chemotherapy, 2019, 64, .	1.4	97
84	Complications of Resection Arthroplasty in Two-Stage Revision for the Treatment of Periprosthetic Hip Joint Infection. Journal of Clinical Medicine, 2019, 8, 2224.	1.0	14
85	Enterococcal periprosthetic joint infection: clinical and microbiological findings from an 8-year retrospective cohort study. BMC Infectious Diseases, 2019, 19, 1083.	1.3	28
86	Outcome of short versus long interval in two-stage exchange for periprosthetic joint infection: a prospective cohort study. Archives of Orthopaedic and Trauma Surgery, 2019, 139, 295-303.	1.3	39
87	Comparison of 99mTc-UBI 29-41, 99mTc-ciprofloxacin, 99mTc-ciprofloxacin dithiocarbamate and 111In-biotin for targeting experimental Staphylococcus aureus and Escherichia coli foreign-body infections: an ex-vivo study. Quarterly Journal of Nuclear Medicine and Molecular Imaging, 2019, 63, 37-47.	0.4	9
88	Encapsulation in Polymeric Microparticles Improves Daptomycin Activity Against Mature Staphylococci Biofilmsâ€"a Thermal and Imaging Study. AAPS PharmSciTech, 2018, 19, 1625-1636.	1.5	16
89	Value of PCR in sonication fluid for the diagnosis of orthopedic hardware-associated infections: Has the molecular era arrived?. Injury, 2018, 49, 806-811.	0.7	37
90	Outcome of hip and knee periprosthetic joint infections caused by pathogens resistant to biofilm-active antibiotics: results from a prospective cohort study. Archives of Orthopaedic and Trauma Surgery, 2018, 138, 635-642.	1.3	56

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91	Alpha Defensin Lateral Flow Test for Diagnosis of Periprosthetic Joint Infection. Journal of Bone and Joint Surgery - Series A, 2018, 100, 742-750.	1.4	144
92	Antibiotic-induced fever in orthopaedic patientsâ€"a diagnostic challenge. International Orthopaedics, 2018, 42, 1775-1781.	0.9	7
93	In vitro anti-biofilm activity of a biphasic gentamicin-loaded calcium sulfate/hydroxyapatite bone graft substitute. Colloids and Surfaces B: Biointerfaces, 2018, 161, 252-260.	2.5	53
94	Synovial fluid multiplex PCR is superior to culture for detection of low-virulent pathogens causing periprosthetic joint infection. Diagnostic Microbiology and Infectious Disease, 2018, 90, 115-119.	0.8	95
95	Meta-analysis of sonicate fluid in blood culture bottles for diagnosing periprosthetic joint infection. Journal of Bone and Joint Infection, 2018, 3, 273-279.	0.6	23
96	Real-Time Antimicrobial Susceptibility Assay of Planktonic and Biofilm Bacteria by Isothermal Microcalorimetry. Advances in Experimental Medicine and Biology, 2018, 1214, 61-77.	0.8	26
97	Bio-Orthogonal Chemistry and Reloadable Biomaterial Enable Local Activation of Antibiotic Prodrugs and Enhance Treatments against Staphylococcus aureus Infections. ACS Central Science, 2018, 4, 1624-1632.	5.3	64
98	Bacteriophage Sb-1 enhances antibiotic activity against biofilm, degrades exopolysaccharide matrix and targets persisters of Staphylococcus aureus. International Journal of Antimicrobial Agents, 2018, 52, 842-853.	1.1	138
99	Multiplex Polymerase Chain Reaction and Microcalorimetry in Synovial Fluid: Can Pathogen-based Detection Assays Improve the Diagnosis of Septic Arthritis?. Journal of Rheumatology, 2018, 45, 1588-1593.	1.0	18
100	Management of Periprosthetic Joint Infection. Hip and Pelvis, 2018, 30, 138-146.	0.6	225
101	Accuracy of Tissue and Sonication Fluid Sampling for the Diagnosis of Fracture-Related Infection: A Systematic Review and Critical Appraisal. Journal of Bone and Joint Infection, 2018, 3, 173-181.	0.6	35
102	Microcalorimetric detection of staphylococcal biofilm growth on various prosthetic biomaterials after exposure to daptomycin. Journal of Orthopaedic Research, 2018, 36, 2809-2816.	1.2	4
103	Infections After Cranial Neurosurgery: Prospective Cohort of 103 Episodes Treated According to a Standardized Algorithm. World Neurosurgery, 2018, 116, e491-e499.	0.7	10
104	Daptomycin-loaded biodegradable thermosensitive hydrogels enhance drug stability and foster bactericidal activity against Staphylococcus aureus. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 130, 260-271.	2.0	34
105	Current perspectives on diagnosis and management of sternal wound infections. Infection and Drug Resistance, 2018, Volume 11, 961-968.	1.1	35
106	Is the Enzyme-linked Immunosorbent Assay More Accurate Than the Lateral Flow Alpha Defensin Test for Diagnosing Periprosthetic Joint Infection?. Clinical Orthopaedics and Related Research, 2018, 476, 1645-1654.	0.7	36
107	Orthopedic implant-associated infections caused by Cutibacterium spp. â€" A remaining diagnostic challenge. PLoS ONE, 2018, 13, e0202639.	1.1	60
108	Real-time assessment of bacteriophage T3-derived antimicrobial activity against planktonic and biofilm-embedded Escherichia coli by isothermal microcalorimetry. Research in Microbiology, 2018, 169, 515-521.	1.0	37

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109	Infections after Anterior Cruciate Ligament Reconstruction: Which Antibiotic after Arthroscopic Debridement?. Journal of Knee Surgery, 2017, 30, 309-313.	0.9	12
110	Hematogenous vertebral osteomyelitis associated with intravascular device-associated infections â€“ A retrospective cohort study. Diagnostic Microbiology and Infectious Disease, 2017, 88, 75-81.	0.8	16
111	Management of infections associated with neurosurgical implanted devices. Expert Review of Anti-Infective Therapy, 2017, 15, 241-255.	2.0	44
112	Detection of Biofilms in Biopsies from Chronic Rhinosinusitis Patients: In Vitro Biofilm Forming Ability and Antimicrobial Susceptibility Testing in Biofilm Mode of Growth of Isolated Bacteria. Advances in Experimental Medicine and Biology, 2017, 1057, 1-27.	0.8	20
113	Synergistic antibiotic activity against planktonic and biofilm-embedded Streptococcus agalactiae, Streptococcus pyogenes and Streptococcus oralis. Journal of Antimicrobial Chemotherapy, 2017, 72, 3085-3092.	1.3	50
114	Inadequacy of Joint Aspiration for Detection of Persistent Periprosthetic Infection During Two-Stage Septic Revision Knee Surgery. Orthopedics, 2017, 40, 231-234.	0.5	33
115	Reduced culture time and improved isolation rate through culture of sonicate fluid in blood culture bottles. Technology and Health Care, 2017, 25, 635-640.	0.5	13
116	Generation of Persister Cells of Pseudomonas aeruginosa and Staphylococcus aureus by Chemical Treatment and Evaluation of Their Susceptibility to Membrane-Targeting Agents. Frontiers in Microbiology, 2017, 8, 1917.	1.5	118
117	Performance of automated multiplex PCR using sonication fluid for diagnosis of periprosthetic joint infection: a prospective cohort. Infection, 2017, 45, 877-884.	2.3	51
118	Propionibacterium: We Found It, Now We Have to Deal with It. Journal of Bone and Joint Surgery - Series A, 2016, 98, e112.	1.4	8
119	Preoperative antibiotic prophylaxis in prosthetic joint infections: not a concern for intraoperative cultures. Diagnostic Microbiology and Infectious Disease, 2016, 86, 442-445.	0.8	36
120	Shoulder periprosthetic joint infection caused by Propionibacterium acnes. Obere Extremitat, 2016, 11, 96-100.	0.4	5
121	Reduced ability to detect surface-related biofilm bacteria after antibiotic exposure under in vitro conditions. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 87, 644-650.	1.2	14
122	Successful treatment of periprosthetic joint infection caused by Granulicatella para-adiacens with prosthesis retention: a case report. BMC Musculoskeletal Disorders, 2016, 17, 156.	0.8	3
123	Polymicrobial vertebral osteomyelitis after oesophageal biopsy: a case report. BMC Infectious Diseases, 2016, 16, 141.	1.3	8
124	A retrospective study of deep sternal wound infections: clinical and microbiological characteristics, treatment, and risk factors for complications. Diagnostic Microbiology and Infectious Disease, 2016, 84, 261-265.	0.8	42
125	Antifungal activity against planktonic and biofilm Candida albicans in an experimental model of foreign-body infection. Journal of Infection, 2016, 72, 386-392.	1.7	14
126	Presence of Biofilms on Polyurethane-Coated Breast Implants: Preliminary Results. Journal of Long-Term Effects of Medical Implants, 2016, 26, 237-243.	0.2	7

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127	Activity of daptomycin- and vancomycin-loaded poly-epsilon-caprolactone microparticles against mature staphylococcal biofilms. International Journal of Nanomedicine, 2015, 10, 4351.	3.3	18
128	Efficacy and safety of high-dose daptomycin (>6mg/kg) for complicated bone and joint infections and implant-associated infections caused by Gram-positive bacteria. International Journal of Antimicrobial Agents, 2015, 46, 480-482.	1.1	10
129	Occurrence and new mutations involved in rifampicin-resistant Propionibacterium acnes strains isolated from biofilm or device-related infections. Anaerobe, 2015, 34, 116-119.	1.0	28
130	Susceptibility testing of Mycobacterium abscessus by isothermal microcalorimetry. Diagnostic Microbiology and Infectious Disease, 2015, 83, 139-143.	0.8	11
131	Staphylococcal biofilm formation on the surface of three different calcium phosphate bone grafts: a qualitative and quantitative in vivo analysis. Journal of Materials Science: Materials in Medicine, 2015, 26, 130.	1.7	18
132	Evaluation of a Novel Tc-99m Labelled Vitamin B12 Derivative for Targeting Escherichia coli and Staphylococcus aureus In Vitro and in an Experimental Foreign-Body Infection Model. Molecular Imaging and Biology, 2015, 17, 829-837.	1.3	15
133	Improved Diagnosis of Orthopedic Implant-Associated Infection by Inoculation of Sonication Fluid into Blood Culture Bottles. Journal of Clinical Microbiology, 2015, 53, 1622-1627.	1.8	122
134	Improvement of the antibacterial activity of daptomycin-loaded polymeric microparticles by Eudragit RL 100: An assessment by isothermal microcalorimetry. International Journal of Pharmaceutics, 2015, 485, 171-182.	2.6	26
135	Activity of bone cement loaded with daptomycin alone or in combination with gentamicin or PEG600 against Staphylococcus epidermidis biofilms. Injury, 2015, 46, 249-253.	0.7	28
136	Role of Bacterial Biofilms in Patients After Reconstructive and Aesthetic Breast Implant Surgery. Journal of Long-Term Effects of Medical Implants, 2014, 24, 131-138.	0.2	18
137	Daptomycin-Associated Eosinophilic Pneumonia in Two Patients with Prosthetic Joint Infection. Surgical Infections, 2014, 15, 834-837.	0.7	12
138	Impact of high prevalence of pseudomonas and polymicrobial gram-negative infections in major sub-/total traumatic amputations on empiric antimicrobial therapy: a retrospective study. World Journal of Emergency Surgery, 2014, 9, 55.	2.1	19
139	Activities of Fosfomycin and Rifampin on Planktonic and Adherent Enterococcus faecalis Strains in an Experimental Foreign-Body Infection Model. Antimicrobial Agents and Chemotherapy, 2014, 58, 1284-1293.	1.4	60
140	Necrotizing Fasciitis After Breast Augmentation. American Journal of Clinical Pathology, 2014, 142, 269-272.	0.4	11
141	High Activity of Fosfomycin and Rifampin against Methicillin-Resistant Staphylococcus aureus Biofilm In Vitro and in an Experimental Foreign-Body Infection Model. Antimicrobial Agents and Chemotherapy, 2014, 58, 2547-2553.	1.4	108
142	Sonication of catheter tips for improved detection of microorganisms on external ventricular drains and ventriculo-peritoneal shunts. Journal of Clinical Neuroscience, 2014, 21, 578-582.	0.8	33
143	Activities of Fluconazole, Caspofungin, Anidulafungin, and Amphotericin B on Planktonic and Biofilm Candida Species Determined by Microcalorimetry. Antimicrobial Agents and Chemotherapy, 2014, 58, 2709-2717.	1.4	49
144	Incremental value of multiplex real-time PCR for the early diagnosis of sepsis in the emergency department. Swiss Medical Weekly, 2014, 144, w13911.	0.8	11

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145	Activity of antifungal combinations against Aspergillus species evaluated by isothermal microcalorimetry. Diagnostic Microbiology and Infectious Disease, 2013, 77, 31-36.	0.8	15
146	Accurate and early diagnosis of orthopedic deviceâ€related infection by microbial heat production and sonication. Journal of Orthopaedic Research, 2013, 31, 1700-1703.	1.2	48
147	Activity of dalbavancin, alone and in combination with rifampicin, against meticillin-resistant Staphylococcus aureus in a foreign-body infection model. International Journal of Antimicrobial Agents, 2013, 42, 220-225.	1.1	55
148	Characteristics of infections associated with external ventricular drains of cerebrospinal fluid. Journal of Infection, 2013, 66, 424-431.	1.7	54
149	Antibiotic-induced modifications of the stiffness of bacterial membranes. Journal of Microbiological Methods, 2013, 93, 80-84.	0.7	46
150	High bacterial load in negative pressure wound therapy (<scp>NPWT</scp>) foams used in the treatment of chronic wounds. Wound Repair and Regeneration, 2013, 21, 677-681.	1.5	56
151	Sonication versus Vortexing of Implants for Diagnosis of Prosthetic Joint Infection. Journal of Clinical Microbiology, 2013, 51, 591-594.	1.8	92
152	In Vitro Activity of Gentamicin-Loaded Bioabsorbable Beads against Different Microorganisms. Materials, 2013, 6, 3284-3293.	1.3	4
153	In vitro emergence of rifampicin resistance in Propionibacterium acnes and molecular characterization of mutations in the rpoB gene. Journal of Antimicrobial Chemotherapy, 2013, 68, 523-528.	1.3	26
154	Activities of Fosfomycin, Tigecycline, Colistin, and Gentamicin against Extended-Spectrum-Î²-Lactamase-Producing Escherichia coli in a Foreign-Body Infection Model. Antimicrobial Agents and Chemotherapy, 2013, 57, 1421-1427.	1.4	108
155	Propionibacterium acnes: An Underestimated Pathogen in Implant-Associated Infections. BioMed Research International, 2013, 2013, 1-10.	0.9	215
156	Microcalorimetry Assay for Rapid Detection of Voriconazole Resistance in Aspergillus fumigatus. Antimicrobial Agents and Chemotherapy, 2013, 57, 5704-5706.	1.4	7
157	Biomaterial-Associated Infection: A Perspective from the Clinic. , 2013, , 3-24.		15
158	Surgical Site Infections (SSIs): Risk Factors and Prevention Strategies. , 2013, , 15-24.		2
159	Diagnosis of Periprosthetic Joint Infections. HIP International, 2012, 22, 9-14.	0.9	18
160	Isothermal Microcalorimetry, a New Tool to Monitor Drug Action against Trypanosoma brucei and Plasmodium falciparum. PLoS Neglected Tropical Diseases, 2012, 6, e1668.	1.3	33
161	Role of Rifampin against Propionibacterium acnes Biofilm In Vitro and in an Experimental Foreign-Body Infection Model. Antimicrobial Agents and Chemotherapy, 2012, 56, 1885-1891.	1.4	164
162	Epidemiology and New Developments in the Diagnosis of Prosthetic Joint Infection. International Journal of Artificial Organs, 2012, 35, 923-934.	0.7	219

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