

# Paul Stoodley

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

249  
papers

23,510  
citations

70  
h-index

151  
g-index

278  
ext. papers

26,732  
ext. citations

5.3  
avg, IF

7.03  
L-index

#	Paper	IF	Citations
249	Cadaverine Is a Switch in the Lysine Degradation Pathway in Biofilm Identified by Untargeted Metabolomics.. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2022</b> , 12, 833269	5.9	0
248	Mapping Bacterial Biofilm on Features of Orthopedic Implants In Vitro.. <i>Microorganisms</i> , <b>2022</b> , 10,	4.9	2
247	Rapid Aggregation of Staphylococcus aureus in Synovial Fluid Is Influenced by Synovial Fluid Concentration, Viscosity, and Fluid Dynamics, with Evidence of Polymer Bridging.. <i>MBio</i> , <b>2022</b> , e0023622	7.8	0
246	Z-form extracellular DNA is a structural component of the bacterial biofilm matrix. <i>Cell</i> , <b>2021</b> , 184, 5740-5758.e17	57.58	17
245	Arginine Induced Biofilm Detachment Using a Novel Rotating-Disc Rheometry Method. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2021</b> , 11, 784388	5.9	0
244	Exploration of the Pharmacodynamics for Biofilm Eradication by Tobramycin. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2021</b> , AAC0137121	5.9	
243	Synovial Fluid Mediated Aggregation of Clinical Strains of Four Enterobacterial Species. <i>Advances in Experimental Medicine and Biology</i> , <b>2021</b> , 1323, 81-90	3.6	1
242	Elution Kinetics from Antibiotic-Loaded Calcium Sulfate Beads, Antibiotic-Loaded Polymethacrylate Spacers, and a Powdered Antibiotic Bolus for Surgical Site Infections in a Novel In Vitro Draining Knee Model. <i>Antibiotics</i> , <b>2021</b> , 10,	4.9	2
241	Mycobacterium abscessus biofilms have viscoelastic properties which may contribute to their recalcitrance in chronic pulmonary infections. <i>Scientific Reports</i> , <b>2021</b> , 11, 5020	4.9	2
240	biofilm killing beyond the spacer by antibiotic-loaded calcium sulfate beads: an in vitro study. <i>Journal of Bone and Joint Infection</i> , <b>2021</b> , 6, 119-129	2.7	3
239	A rapid benchtop method to assess biofilm on marine fouling control coatings. <i>Biofouling</i> , <b>2021</b> , 37, 452-464	4.64	1
238	Bacterial toxins in musculoskeletal infections. <i>Journal of Orthopaedic Research</i> , <b>2021</b> , 39, 240-250	3.8	5
237	Laser tongue debridement for oral malodor-A novel approach to halitosis. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , <b>2021</b> , 42, 102458	2.8	2
236	Adjuvant antibiotic-loaded bone cement: Concerns with current use and research to make it work. <i>Journal of Orthopaedic Research</i> , <b>2021</b> , 39, 227-239	3.8	25
235	Mechano-bactericidal actions of nanostructured surfaces. <i>Nature Reviews Microbiology</i> , <b>2021</b> , 19, 8-22	22.2	98
234	Who put the film in biofilm? The migration of a term from wastewater engineering to medicine and beyond. <i>Npj Biofilms and Microbiomes</i> , <b>2021</b> , 7, 10	8.2	25
233	Biofilm formation in periprosthetic joint infections. <i>Annals of Joint</i> , <b>2021</b> , 6,	0.8	3

232	Antibiotic loaded Etricalcium phosphate/calcium sulfate for antimicrobial potency, prevention and killing efficacy of Pseudomonas aeruginosa and Staphylococcus aureus biofilms. <i>Scientific Reports</i> , <b>2021</b> , 11, 1446	4.9	2
231	Static versus dynamic medical images: The role of cue utilization in diagnostic performance. <i>Applied Cognitive Psychology</i> , <b>2021</b> , 35, 1284-1296	2.1	
230	Synovial Fluid-Induced Aggregation Occurs across Staphylococcus aureus Clinical Isolates and is Mechanistically Independent of Attached Biofilm Formation. <i>Microbiology Spectrum</i> , <b>2021</b> , 9, e0026721	8.9	1
229	Host blood proteins as bridging ligand in bacterial aggregation as well as anchor point for adhesion in the molecular pathogenesis of Staphylococcus aureus infections. <i>Micron</i> , <b>2021</b> , 150, 103137	2.3	1
228	The many antibiotic resistance and tolerance strategies of. <i>Biofilm</i> , <b>2021</b> , 3, 100056	5.9	9
227	Novel Aminoglycoside-Tolerant Phoenix Colony Variants of Pseudomonas aeruginosa. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2020</b> , 64,	5.9	7
226	Printed Electroceutical Dressings for the Inhibition of Biofilms and Treatment of Chronic Wounds. <i>Journal of Microelectromechanical Systems</i> , <b>2020</b> , 29, 918-923	2.5	3
225	Ultrastructure imaging of Pseudomonas aeruginosa lawn biofilms and eradication of the tobramycin-resistant variants under in vitro electroceutical treatment. <i>Scientific Reports</i> , <b>2020</b> , 10, 9879	4.9	6
224	Biofilms, Biomaterials, and Device-Related Infections <b>2020</b> , 823-840		3
223	Evaluation of Peptide-Based Probes toward Diagnostic Imaging of Bacterial Biofilm-Associated Infections. <i>ACS Infectious Diseases</i> , <b>2020</b> , 6, 2086-2098	5.5	6
222	Computational and Experimental Investigation of Biofilm Disruption Dynamics Induced by High-Velocity Gas Jet Impingement. <i>MBio</i> , <b>2020</b> , 11,	7.8	2
221	What can an echocardiographer see in briefly presented stimuli? Perceptual expertise in dynamic search. <i>Cognitive Research: Principles and Implications</i> , <b>2020</b> , 5, 30	2.7	2
220	Individual differences in echocardiography: Cue utilisation relates to visual object recognition ability.. <i>Journal of Vision</i> , <b>2020</b> , 20, 139	0.4	
219	Antibacterial Action: Antibacterial Action of Nanoparticles by Lethal Stretching of Bacterial Cell Membranes (Adv. Mater. 52/2020). <i>Advanced Materials</i> , <b>2020</b> , 32, 2070389	24	1
218	The future of biofilm research - Report on the 2019 Biofilm Bash <i>Biofilm</i> , <b>2020</b> , 2, 100012	5.9	17
217	Biofilm mechanics: Implications in infection and survival. <i>Biofilm</i> , <b>2020</b> , 2, 100017	5.9	36
216	The efficacy of topical agents used in wounds for managing chronic biofilm infections: A systematic review. <i>Journal of Infection</i> , <b>2020</b> , 80, 261-270	18.9	15
215	Minimum information guideline for spectrophotometric and fluorometric methods to assess biofilm formation in microplates. <i>Biofilm</i> , <b>2020</b> , 2, 100010	5.9	31

214	Sensing the unreachable: challenges and opportunities in biofilm detection. <i>Current Opinion in Biotechnology</i> , <b>2020</b> , 64, 79-84	11.4	28
213	Staphylococcus aureus Aggregates on Orthopedic Materials under Varying Levels of Shear Stress. <i>Applied and Environmental Microbiology</i> , <b>2020</b> , 86,	4.8	4
212	Individual differences in echocardiography: Visual object recognition ability predicts cue utilization. <i>Applied Cognitive Psychology</i> , <b>2020</b> , 34, 1369-1378	2.1	3
211	Use of an oxygen planar optode to assess the effect of high velocity microsprays on oxygen penetration in a human dental biofilms in-vitro. <i>BMC Oral Health</i> , <b>2020</b> , 20, 230	3.7	6
210	Investigation of synovial fluid induced Staphylococcus aureus aggregate development and its impact on surface attachment and biofilm formation. <i>PLoS ONE</i> , <b>2020</b> , 15, e0231791	3.7	18
209	Infection in Arthroplasty: The Basic Science of Bacterial Biofilms in Its Pathogenesis, Diagnosis, Treatment, and Prevention. <i>Instructional Course Lectures</i> , <b>2020</b> , 69, 229-242	1.3	2
208	Investigation of synovial fluid induced Staphylococcus aureus aggregate development and its impact on surface attachment and biofilm formation <b>2020</b> , 15, e0231791		
207	Investigation of synovial fluid induced Staphylococcus aureus aggregate development and its impact on surface attachment and biofilm formation <b>2020</b> , 15, e0231791		
206	Investigation of synovial fluid induced Staphylococcus aureus aggregate development and its impact on surface attachment and biofilm formation <b>2020</b> , 15, e0231791		
205	Investigation of synovial fluid induced Staphylococcus aureus aggregate development and its impact on surface attachment and biofilm formation <b>2020</b> , 15, e0231791		
204	2018 international consensus meeting on musculoskeletal infection: Summary from the biofilm workgroup and consensus on biofilm related musculoskeletal infections. <i>Journal of Orthopaedic Research</i> , <b>2019</b> , 37, 1007-1017	3.8	67
203	Mapping bacterial biofilms on recovered orthopaedic implants by a novel agar candle dip method. <i>Apmis</i> , <b>2019</b> , 127, 123-130	3.4	3
202	Evaluation of bacterial presence on lead X-ray aprons utilised in the operating room via IBIS and standard culture methods. <i>Journal of Infection Prevention</i> , <b>2019</b> , 20, 191-196	1.1	4
201	Bacterial DNA is associated with tunnel widening in failed ACL reconstructions. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2019</b> , 27, 3490-3497	5.5	3
200	A marine biofilm flow cell for in situ determination of drag and biofilm structure. <i>Ocean Engineering</i> , <b>2019</b> , 178, 59-65	3.9	0
199	Electroceutical Treatment of Pseudomonas aeruginosa Biofilms. <i>Scientific Reports</i> , <b>2019</b> , 9, 2008	4.9	18
198	Mathematical modeling of dispersal phenomenon in biofilms. <i>Mathematical Biosciences</i> , <b>2019</b> , 307, 70-83.9		13
197	The extracellular DNA lattice of bacterial biofilms is structurally related to Holliday junction recombination intermediates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 25068-25077	11.5	36

196	CORR Insights □ : Is Implant Coating With Tyrosol- and Antibiotic-loaded Hydrogel Effective in Reducing Cutibacterium (Propionibacterium) acnes Biofilm Formation? A Preliminary In Vitro Study. <i>Clinical Orthopaedics and Related Research</i> , <b>2019</b> , 477, 1747-1749	2.2	
195	Complete Killing of Agar Lawn Biofilms by Systematic Spacing of Antibiotic-Loaded Calcium Sulfate Beads. <i>Materials</i> , <b>2019</b> , 12,	3.5	6
194	and Impact Cell Envelope Biogenesis, the Biofilm Matrix, and Biofilm Biophysical Properties. <i>Journal of Bacteriology</i> , <b>2019</b> , 201,	3.5	12
193	Reduction in Pseudomonas aeruginosa and Staphylococcus aureus biofilms from implant materials in a diffusion dominated environment. <i>Journal of Orthopaedic Research</i> , <b>2018</b> , 36, 3081-3085	3.8	7
192	Targeting intracellular Staphylococcus aureus to lower recurrence of orthopaedic infection. <i>Journal of Orthopaedic Research</i> , <b>2018</b> , 36, 1086-1092	3.8	17
191	A marine biofilm flow cell for in situ screening marine fouling control coatings using optical coherence tomography. <i>Ocean Engineering</i> , <b>2018</b> , 170, 321-328	3.9	7
190	In Vitro Efficacy of Antibiotics Released from Calcium Sulfate Bone Void Filler Beads. <i>Materials</i> , <b>2018</b> , 11,	3.5	15
189	Bacterial Deoxyribonucleic Acid Is Often Present in Failed Revision Anterior Cruciate Ligament Reconstructions. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , <b>2018</b> , 34, 3046-3052	5.4	5
188	Antibiotic loaded calcium sulfate bead and pulse lavage eradicates biofilms on metal implant materials in vitro. <i>Journal of Orthopaedic Research</i> , <b>2018</b> , 36, 2349-2354	3.8	9
187	Computational Investigation of Ripple Dynamics in Biofilms in Flowing Systems. <i>Biophysical Journal</i> , <b>2018</b> , 115, 1393-1400	2.9	2
186	Viscoelastic properties of Pseudomonas aeruginosa variant biofilms. <i>Scientific Reports</i> , <b>2018</b> , 8, 9691	4.9	31
185	The prevalence of biofilms in chronic wounds: a systematic review and meta-analysis of published data. <i>Journal of Wound Care</i> , <b>2017</b> , 26, 20-25	2.2	223
184	Effects of loading concentration, blood and synovial fluid on antibiotic release and anti-biofilm activity of bone cement beads. <i>Journal of Controlled Release</i> , <b>2017</b> , 248, 24-32	11.7	22
183	Cephalosporin-NO-donor prodrug PYRRO-C3D shows □actam-mediated activity against Streptococcus pneumoniae biofilms. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2017</b> , 65, 43-49	5	14
182	Biofilms in orthopedic infections: a review of laboratory methods. <i>Apmis</i> , <b>2017</b> , 125, 418-428	3.4	23
181	Evidence for a biofilm-based treatment strategy in the management of chronic hidradenitis suppurativa. <i>British Journal of Dermatology</i> , <b>2017</b> , 176, 855-856	4	1
180	Prevention of Propionibacterium acnes biofilm formation in prosthetic infections in vitro. <i>Journal of Shoulder and Elbow Surgery</i> , <b>2017</b> , 26, 553-563	4.3	10
179	Consensus guidelines for the identification and treatment of biofilms in chronic nonhealing wounds. <i>Wound Repair and Regeneration</i> , <b>2017</b> , 25, 744-757	3.6	122

178	Targeting microbial biofilms: current and prospective therapeutic strategies. <i>Nature Reviews Microbiology</i> , <b>2017</b> , 15, 740-755	22.2	734
177	Low-Dose Nitric Oxide as Targeted Anti-biofilm Adjunctive Therapy to Treat Chronic <i>Pseudomonas aeruginosa</i> Infection in Cystic Fibrosis. <i>Molecular Therapy</i> , <b>2017</b> , 25, 2104-2116	11.7	106
176	Fluid-driven interfacial instabilities and turbulence in bacterial biofilms. <i>Environmental Microbiology</i> , <b>2017</b> , 19, 4417-4431	5.2	15
175	Approaches to biofilm-associated infections: the need for standardized and relevant biofilm methods for clinical applications. <i>Expert Review of Anti-Infective Therapy</i> , <b>2017</b> , 15, 147-156	5.5	55
174	Detection and Physicochemical Characterization of Membrane Vesicles (MVs) of DSM 17938. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 1040	5.7	48
173	D-methionine interferes with non-typeable <i>Haemophilus influenzae</i> peptidoglycan synthesis during growth and biofilm formation. <i>Microbiology (United Kingdom)</i> , <b>2017</b> , 163, 1093-1104	2.9	5
172	Biofilm prevention of gram-negative bacterial pathogens involved in periprosthetic infection by antibiotic-loaded calcium sulfate beads in vitro. <i>Biomedical Materials (Bristol)</i> , <b>2016</b> , 12, 015002	3.5	12
171	A novel technique using potassium permanganate and reflectance confocal microscopy to image biofilm extracellular polymeric matrix reveals non-eDNA networks in <i>Pseudomonas aeruginosa</i> biofilms. <i>Pathogens and Disease</i> , <b>2016</b> , 74, ftv104	4.2	1
170	High-Velocity Microsprays Enhance Antimicrobial Activity in <i>Streptococcus mutans</i> Biofilms. <i>Journal of Dental Research</i> , <b>2016</b> , 95, 1494-1500	8.1	13
169	16S rRNA analysis provides evidence of biofilms on all components of three infected periprosthetic knees including permanent braided suture. <i>Pathogens and Disease</i> , <b>2016</b> , 74,	4.2	17
168	Biofilms: Flow disrupts communication. <i>Nature Microbiology</i> , <b>2016</b> , 1, 15012	26.6	10
167	CORR Insights(□): Biofilm Antimicrobial Susceptibility Increases With Antimicrobial Exposure Time. <i>Clinical Orthopaedics and Related Research</i> , <b>2016</b> , 474, 1665-7	2.2	1
166	Elution of antibiotics from poly(methyl methacrylate) bone cement after extended implantation does not necessarily clear the infection despite susceptibility of the clinical isolates. <i>Pathogens and Disease</i> , <b>2016</b> , 74, ftv103	4.2	19
165	Low Concentrations of Nitric Oxide Modulate <i>Streptococcus pneumoniae</i> Biofilm Metabolism and Antibiotic Tolerance. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2016</b> , 60, 2456-66	5.9	20
164	<i>Streptococcus mutans</i> biofilm transient viscoelastic fluid behaviour during high-velocity microsprays. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2016</b> , 59, 197-206	4.1	29
163	Development of X-ray micro-focus computed tomography to image and quantify biofilms in central venous catheter models in vitro. <i>Microbiology (United Kingdom)</i> , <b>2016</b> , 162, 1629-1640	2.9	4
162	Predictive Computer Models for Biofilm Detachment Properties in <i>Pseudomonas aeruginosa</i> . <i>MBio</i> , <b>2016</b> , 7,	7.8	9
161	Intracellular residency of <i>Staphylococcus aureus</i> within mast cells in nasal polyps: A novel observation. <i>Journal of Allergy and Clinical Immunology</i> , <b>2015</b> , 135, 1648-51	11.5	28

160	An experimental and computational study of the hydrodynamics of high-velocity water microdrops for interproximal tooth cleaning. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2015</b> , 46, 148-57	4.1	14
159	Viscoelasticity of biofilms and their recalcitrance to mechanical and chemical challenges. <i>FEMS Microbiology Reviews</i> , <b>2015</b> , 39, 234-45	15.1	165
158	Removal of Dental Biofilms with an Ultrasonically Activated Water Stream. <i>Journal of Dental Research</i> , <b>2015</b> , 94, 1303-9	8.1	32
157	Cold water cleaning of brain proteins, biofilm and bone - harnessing an ultrasonically activated stream. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 20574-9	3.6	22
156	Comparing PMMA and calcium sulfate as carriers for the local delivery of antibiotics to infected surgical sites. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2015</b> , 103, 870-7	3.5	71
155	Surface-attached cells, biofilms and biocide susceptibility: implications for hospital cleaning and disinfection. <i>Journal of Hospital Infection</i> , <b>2015</b> , 89, 16-27	6.9	131
154	Antibiotic-loaded synthetic calcium sulfate beads for prevention of bacterial colonization and biofilm formation in periprosthetic infections. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2015</b> , 59, 111-20	5.9	135
153	Cardiac amyloidosis: the value of myocardial strain echocardiography in diagnosis and treatment. <i>Sonography</i> , <b>2015</b> , 2, 32-38	0.3	2
152	Miniaturized rotating disc rheometer test for rapid screening of drag reducing marine coatings. <i>Surface Topography: Metrology and Properties</i> , <b>2015</b> , 3, 034004	1.5	6
151	<i>Helicobacter pylori</i> ATCC 43629/NCTC 11639 Outer Membrane Vesicles (OMVs) from Biofilm and Planktonic Phase Associated with Extracellular DNA (eDNA). <i>Frontiers in Microbiology</i> , <b>2015</b> , 6, 1369	5.7	66
150	Direct demonstration of bacterial biofilms on prosthetic mesh after ventral herniorrhaphy. <i>Surgical Infections</i> , <b>2015</b> , 16, 45-53	2	34
149	Prevention and treatment of <i>Staphylococcus aureus</i> biofilms. <i>Expert Review of Anti-Infective Therapy</i> , <b>2015</b> , 13, 1499-516	5.5	135
148	Antifouling polyurethanes to fight device-related staphylococcal infections: synthesis, characterization, and antibiofilm efficacy. <i>Pathogens and Disease</i> , <b>2014</b> , 70, 401-7	4.2	27
147	Removal of interproximal dental biofilms by high-velocity water microdrops. <i>Journal of Dental Research</i> , <b>2014</b> , 93, 68-73	8.1	29
146	Temporal expression of <i>agrB</i> , <i>cidA</i> , and <i>alsS</i> in the early development of <i>Staphylococcus aureus</i> UAMS-1 biofilm formation and the structural role of extracellular DNA and carbohydrates. <i>Pathogens and Disease</i> , <b>2014</b> , 70, 414-22	4.2	26
145	Biofilms in periprosthetic orthopedic infections. <i>Future Microbiology</i> , <b>2014</b> , 9, 987-1007	2.9	206
144	Extracellular DNA impedes the transport of vancomycin in <i>Staphylococcus epidermidis</i> biofilms preexposed to subinhibitory concentrations of vancomycin. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2014</b> , 58, 7273-82	5.9	72
143	Minimum information about a biofilm experiment (MIABiE): standards for reporting experiments and data on sessile microbial communities living at interfaces. <i>Pathogens and Disease</i> , <b>2014</b> , 70, 250-6	4.2	31

142	A scanning electron microscope characterisation of biofilm on failed craniofacial osteosynthesis miniplates. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , <b>2014</b> , 42, e372-8	3.6	14
141	Death and transfiguration in static <i>Staphylococcus epidermidis</i> cultures. <i>PLoS ONE</i> , <b>2014</b> , 9, e100002	3.7	8
140	Bacterial biofilms on implanted suture material are a cause of surgical site infection. <i>Surgical Infections</i> , <b>2014</b> , 15, 592-600	2	24
139	Imaging bacteria and biofilms on hardware and periprosthetic tissue in orthopedic infections. <i>Methods in Molecular Biology</i> , <b>2014</b> , 1147, 105-26	1.4	18
138	Microbial tribology and disruption of dental plaque bacterial biofilms. <i>Wear</i> , <b>2013</b> , 306, 276-284	3.5	21
137	SLIME THROUGH TIME: THE FOSSIL RECORD OF PROKARYOTE EVOLUTION. <i>Palaios</i> , <b>2013</b> , 28, 1-5	1.6	18
136	Microbial Biofilms <b>2013</b> , 343-372		10
135	On the mechanics of bacterial biofilms on non-dissolvable surgical sutures: a laser scanning confocal microscopy-based finite element study. <i>Acta Biomaterialia</i> , <b>2013</b> , 9, 6641-52	10.8	20
134	Anti-biofilm performance of three natural products against initial bacterial attachment. <i>International Journal of Molecular Sciences</i> , <b>2013</b> , 14, 21757-80	6.3	38
133	Biofilms, Biomaterials, and Device-Related Infections <b>2013</b> , 77-101		4
132	Biofilms, Biomaterials, and Device-Related Infections <b>2013</b> , 565-583		6
131	Bacterial biofilms and periprosthetic infections. <i>Journal of Bone and Joint Surgery - Series A</i> , <b>2013</b> , 95, 2223-9	5.6	11
130	Kinetics and morphology of polymicrobial biofilm formation on polypropylene mesh. <i>FEMS Immunology and Medical Microbiology</i> , <b>2012</b> , 65, 283-90		16
129	Towards diagnostic guidelines for biofilm-associated infections. <i>FEMS Immunology and Medical Microbiology</i> , <b>2012</b> , 65, 127-45		226
128	Salicylic acid-releasing polyurethane acrylate polymers as anti-biofilm urological catheter coatings. <i>Acta Biomaterialia</i> , <b>2012</b> , 8, 1869-80	10.8	79
127	Considering hidradenitis suppurativa as a bacterial biofilm disease. <i>FEMS Immunology and Medical Microbiology</i> , <b>2012</b> , 65, 385-9		54
126	Culture-Negative Infections in Orthopedic Surgery. <i>Springer Series on Biofilms</i> , <b>2012</b> , 17-27		3
125	Towards a New Paradigm in the Diagnosis and Treatment of Orthopedic Infections. <i>Springer Series on Biofilms</i> , <b>2012</b> , 129-139		



124	Laser-generated shockwave for clearing medical device biofilms. <i>Photomedicine and Laser Surgery</i> , <b>2011</b> , 29, 277-82		26
123	Laser disruption and killing of methicillin-resistant <i>Staphylococcus aureus</i> biofilms. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , <b>2011</b> , 32, 198-202	2.8	24
122	The Role of Bacterial Biofilms in Infections of Catheters and Shunts <b>2011</b> , 91-109		4
121	New methods for the detection of orthopedic and other biofilm infections. <i>FEMS Immunology and Medical Microbiology</i> , <b>2011</b> , 61, 133-40		109
120	Characterization of a mixed MRSA/MRSE biofilm in an explanted total ankle arthroplasty. <i>FEMS Immunology and Medical Microbiology</i> , <b>2011</b> , 62, 66-74		80
119	Mechanical effects, antimicrobial efficacy and cytotoxicity of usnic acid as a biofilm prophylaxis in PMMA. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2011</b> , 22, 2773-80	4.5	14
118	Comparative supragenomic analyses among the pathogens <i>Staphylococcus aureus</i> , <i>Streptococcus pneumoniae</i> , and <i>Haemophilus influenzae</i> using a modification of the finite supragenome model. <i>BMC Genomics</i> , <b>2011</b> , 12, 187	4.5	44
117	Advances in Biofilm Mechanics. <i>Springer Series on Biofilms</i> , <b>2011</b> , 111-139		22
116	Orthopaedic biofilm infections. <i>Current Orthopaedic Practice</i> , <b>2011</b> , 22, 558-563	0.4	104
115	Nitric oxide-mediated dispersal and enhanced antibiotic sensitivity in <i>Pseudomonas aeruginosa</i> biofilms from the cystic fibrosis lung. <i>Archives of Disease in Childhood</i> , <b>2011</b> , 96, A45-A45	2.2	5
114	Adenoid reservoir for pathogenic biofilm bacteria. <i>Journal of Clinical Microbiology</i> , <b>2011</b> , 49, 1411-20	9.7	104
113	Assessment of marine biofilm attachment and growth for antifouling surfaces under static and controlled hydrodynamic conditions. <i>Materials Research Society Symposia Proceedings</i> , <b>2011</b> , 1356, 60601		
112	Demonstration of <i>Bacillus cereus</i> in orthopaedic-implant-related infection with use of a multi-primer polymerase chain reaction-mass spectrometric assay: report of two cases. <i>Journal of Bone and Joint Surgery - Series A</i> , <b>2011</b> , 93, e85	5.6	14
111	Bacterial biofilm on monofilament suture and porcine xenograft after inguinal herniorrhaphy. <i>FEMS Immunology and Medical Microbiology</i> , <b>2010</b> , 59, 405-9		17
110	The distributed genome hypothesis as a rubric for understanding evolution in situ during chronic bacterial biofilm infectious processes. <i>FEMS Immunology and Medical Microbiology</i> , <b>2010</b> , 59, 269-79		66
109	Clinical implications of power toothbrushing on fluoride delivery: effects on biofilm plaque metabolism and physiology. <i>International Journal of Dentistry</i> , <b>2010</b> , 2010, 651869	1.9	13
108	Direct demonstration of <i>Staphylococcus</i> biofilm in an external ventricular drain in a patient with a history of recurrent ventriculoperitoneal shunt failure. <i>Pediatric Neurosurgery</i> , <b>2010</b> , 46, 127-32	0.9	32
107	Real-time microsensor measurement of local metabolic activities in ex vivo dental biofilms exposed to sucrose and treated with chlorhexidine. <i>Applied and Environmental Microbiology</i> , <b>2010</b> , 76, 2326-34	4.8	67

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