

Tom Coenye

List of Publications by Year in descending order

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Version: 2024-02-01

334
papers

27,671
citations

10070

75
h-index

8627

151
g-index

343
all docs

343
docs citations

343
times ranked

30511
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Rothia mucilaginosa</i> is an anti-inflammatory bacterium in the respiratory tract of patients with chronic lung disease. <i>European Respiratory Journal</i> , 2022, 59, 2101293.	3.1	60
2	Organic Acids and Their Salts Potentiate the Activity of Selected Antibiotics against <i>Pseudomonas aeruginosa</i> Biofilms Grown in a Synthetic Cystic Fibrosis Sputum Medium. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, AAC0187521.	1.4	9
3	The role of biofilm formation in the pathogenesis and antimicrobial susceptibility of <i>Cutibacterium acnes</i> . <i>Biofilm</i> , 2022, 4, 100063.	1.5	31
4	The CovRS Environmental Sensor Directly Controls the ComRS Signaling System To Orchestrate Competence Bimodality in <i>Salivarius Streptococci</i> . <i>MBio</i> , 2022, 13, e0312521.	1.8	7
5	The anti-virulence activity of the non-mevalonate pathway inhibitor FR900098 towards <i>Burkholderia cenocepacia</i> is maintained during experimental evolution. <i>Microbiology (United Kingdom)</i> , 2022, 168, .	0.7	4
6	Pellicle Biofilm Formation in <i>Burkholderia cenocepacia</i> J2315 is Epigenetically Regulated through WspH, a Hybrid Two-Component System Kinase-Response Regulator. <i>Journal of Bacteriology</i> , 2022, 204, e0001722.	1.0	4
7	The Role of Abdominal Drain Cultures in Managing Abdominal Infections. <i>Antibiotics</i> , 2022, 11, 697.	1.5	4
8	Microbial diversity and antimicrobial susceptibility in endotracheal tube biofilms recovered from mechanically ventilated COVID-19 patients. <i>Biofilm</i> , 2022, 4, 100079.	1.5	9
9	Biological activity and antimicrobial property of Cu/a-C:H nanocomposites and nanolayered coatings on titanium substrates. <i>Materials Science and Engineering C</i> , 2021, 119, 111513.	3.8	19
10	Induction of antibiotic specialized metabolism by co-culturing in a collection of phyllosphere bacteria. <i>Environmental Microbiology</i> , 2021, 23, 2132-2151.	1.8	12
11	<i>Burkholderia</i> Bacteria Produce Multiple Potentially Novel Molecules that Inhibit Carbapenem-Resistant Gram-Negative Bacterial Pathogens. <i>Antibiotics</i> , 2021, 10, 147.	1.5	12
12	Piezoelectric hybrid scaffolds mineralized with calcium carbonate for tissue engineering: Analysis of local enzyme and small-molecule drug delivery, cell response and antibacterial performance. <i>Materials Science and Engineering C</i> , 2021, 122, 111909.	3.8	22
13	Detection of cytosine methylation in <i>Burkholderia cenocepacia</i> by single-molecule real-time sequencing and whole-genome bisulfite sequencing. <i>Microbiology (United Kingdom)</i> , 2021, 167, .	0.7	4
14	Porphyryns produced by acneic <i>Cutibacterium acnes</i> strains activate the inflammasome by inducing K ⁺ leakage. <i>IScience</i> , 2021, 24, 102575.	1.9	22
15	Colloidal silver combating pathogenic <i>Pseudomonas aeruginosa</i> and MRSA in chronic rhinosinusitis. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 202, 111675.	2.5	17
16	The Quorum-Sensing Inhibitor Furanone C-30 Rapidly Loses Its Tobramycin-Potentiating Activity against <i>Pseudomonas aeruginosa</i> Biofilms during Experimental Evolution. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0041321.	1.4	15
17	Model system parameters influence the sodium hypochlorite susceptibility of endodontic biofilms. <i>International Endodontic Journal</i> , 2021, 54, 1557-1570.	2.3	15
18	Antistaphylococcal Activity of the FtsZ Inhibitor C109. <i>Pathogens</i> , 2021, 10, 886.	1.2	5

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19	Interlaboratory study for the evaluation of three microtiter plate-based biofilm quantification methods. <i>Scientific Reports</i> , 2021, 11, 13779.	1.6	24
20	The cystic fibrosis lung microenvironment alters antibiotic activity: causes and effects. <i>European Respiratory Review</i> , 2021, 30, 210055.	3.0	28
21	Pillar[5]arene-Based Polycationic Glyco[2]rotaxanes Designed as <i>Pseudomonas aeruginosa</i> Antibiofilm Agents. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 14728-14744.	2.9	11
22	Dynamic Constitutional Frameworks as Antibacterial and Antibiofilm Agents. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22505-22512.	7.2	14
23	Biosynthesis of Ditropolonyl Sulfide, an Antibacterial Compound Produced by <i>Burkholderia cepacia</i> Complex Strain R-12632. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0116921.	1.4	4
24	Dynamic Constitutional Frameworks as Antibacterial and Antibiofilm Agents. <i>Angewandte Chemie</i> , 2021, 133, 22679-22686.	1.6	0
25	Do results obtained with RNA-sequencing require independent verification?. <i>Biofilm</i> , 2021, 3, 100043.	1.5	75
26	Antibacterial activity of a porous silver doped TiO ₂ coating on titanium substrates synthesized by plasma electrolytic oxidation. <i>Applied Surface Science</i> , 2020, 500, 144235.	3.1	95
27	Interplay between host-microbe and microbe-microbe interactions in cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2020, 19, S47-S53.	0.3	24
28	PEGylated mucus-penetrating nanocrystals for lung delivery of a new FtsZ inhibitor against <i>Burkholderia cenocepacia</i> infection. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 23, 102113.	1.7	32
29	The future of biofilm research – Report on the 2019 Biofilm Bash™. <i>Biofilm</i> , 2020, 2, 100012.	1.5	29
30	Minimum information guideline for spectrophotometric and fluorometric methods to assess biofilm formation in microplates. <i>Biofilm</i> , 2020, 2, 100010.	1.5	50
31	Bacterial Interference With Lactate Dehydrogenase Assay Leads to an Underestimation of Cytotoxicity. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 494.	1.8	12
32	<i>Cutibacterium acnes</i> Phylotype I and II Strains Interact Differently With Human Skin Cells. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 575164.	1.8	12
33	Does the mode of dispersion determine the properties of dispersed <i>Pseudomonas aeruginosa</i> biofilm cells?. <i>International Journal of Antimicrobial Agents</i> , 2020, 56, 106194.	1.1	7
34	Low iron-induced small RNA BrrF regulates central metabolism and oxidative stress responses in <i>Burkholderia cenocepacia</i> . <i>PLoS ONE</i> , 2020, 15, e0236405.	1.1	11
35	First Report of Candidemia Clonal Outbreak Caused by Emerging Fluconazole-Resistant <i>Candida parapsilosis</i> Isolates Harboring Y132F and/or Y132F+K143R in Turkey. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	57
36	<i>Burkholderia cepacia</i> Complex Taxon K: Where to Split?. <i>Frontiers in Microbiology</i> , 2020, 11, 1594.	1.5	35

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37	Synergistic Antimicrobial Activity of Supplemented Medical-Grade Honey against <i>Pseudomonas aeruginosa</i> Biofilm Formation and Eradication. <i>Antibiotics</i> , 2020, 9, 866.	1.5	29
38	Investigation of Ag/a-C:H Nanocomposite Coatings on Titanium for Orthopedic Applications. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 23655-23666.	4.0	24
39	Biofilm dispersion: The key to biofilm eradication or opening Pandora's box?. <i>Biofilm</i> , 2020, 2, 100027.	1.5	76
40	Non-leaching, Highly Biocompatible Nanocellulose Surfaces That Efficiently Resist Fouling by Bacteria in an Artificial Dermis Model. <i>ACS Applied Bio Materials</i> , 2020, 3, 4095-4108.	2.3	12
41	Fabrication of Microporous Coatings on Titanium Implants with Improved Mechanical, Antibacterial, and Cell-Interactive Properties. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 30155-30169.	4.0	27
42	Antibiotic susceptibility of cystic fibrosis lung microbiome members in a multispecies biofilm. <i>Biofilm</i> , 2020, 2, 100031.	1.5	20
43	Complete Genome Sequence of <i>Pseudomonas aeruginosa</i> Strain AA2 (LMG 27630), an Early Isolate Recovered from the Airway of a German Cystic Fibrosis Patient. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	1
44	Identification of the Molecular Determinants Involved in Antimicrobial Activity of Pseudodesmin A, a Cyclic Lipopeptide From the Viscosin Group. <i>Frontiers in Microbiology</i> , 2020, 11, 646.	1.5	16
45	RhlR-Regulated Acyl-Homoserine Lactone Quorum Sensing in a Cystic Fibrosis Isolate of <i>Pseudomonas aeruginosa</i> . <i>MBio</i> , 2020, 11, .	1.8	59
46	DNA Methylation Epigenetically Regulates Gene Expression in <i>Burkholderia cenocepacia</i> and Controls Biofilm Formation, Cell Aggregation, and Motility. <i>MSphere</i> , 2020, 5, .	1.3	13
47	Improving antibiotics' penetration and efficiency for treating biofilm infections by laser-induced vapor nanobubbles. , 2020, , .		0
48	Title is missing!. , 2020, 15, e0236405.		0
49	Title is missing!. , 2020, 15, e0236405.		0
50	Title is missing!. , 2020, 15, e0236405.		0
51	Title is missing!. , 2020, 15, e0236405.		0
52	Title is missing!. , 2020, 15, e0236405.		0
53	Title is missing!. , 2020, 15, e0236405.		0
54	Influence of the Aliphatic Side Chain on the Near Atmospheric Pressure Plasma Polymerization of 2-Alkyl-2-oxazolines for Biomedical Applications. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 31356-31366.	4.0	17

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55	Laser-induced vapor nanobubbles improve diffusion in biofilms of antimicrobial agents for wound care. <i>Biofilm</i> , 2019, 1, 100004.	1.5	20
56	Biofilm: Introducing a new journal for the broad biofilm field. <i>Biofilm</i> , 2019, 1, 100003.	1.5	0
57	The role of small proteins in <i>Burkholderia cenocepacia</i> J2315 biofilm formation, persistence and intracellular growth. <i>Biofilm</i> , 2019, 1, 100001.	1.5	7
58	In vitro evolution of <i>Pseudomonas aeruginosa</i> AA2 biofilms in the presence of cystic fibrosis lung microbiome members. <i>Scientific Reports</i> , 2019, 9, 12859.	1.6	29
59	Various Evolutionary Trajectories Lead to Loss of the Tobramycin-Potentiating Activity of the Quorum-Sensing Inhibitor Baicalin Hydrate in <i>Burkholderia cenocepacia</i> Biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	14
60	Uncoupling virulence and biocontrol. <i>Nature Microbiology</i> , 2019, 4, 908-909.	5.9	3
61	Antimicrobial Tolerance and Metabolic Adaptations in Microbial Biofilms. <i>Trends in Microbiology</i> , 2019, 27, 850-863.	3.5	166
62	Lipid-Based Quaternary Ammonium Sophorolipid Amphiphiles with Antimicrobial and Transfection Activities. <i>ChemSusChem</i> , 2019, 12, 3642-3653.	3.6	18
63	Exploring Light-Sensitive Nanocarriers for Simultaneous Triggered Antibiotic Release and Disruption of Biofilms Upon Generation of Laser-Induced Vapor Nanobubbles. <i>Pharmaceutics</i> , 2019, 11, 201.	2.0	26
64	Host metabolites stimulate the bacterial proton motive force to enhance the activity of aminoglycoside antibiotics. <i>PLoS Pathogens</i> , 2019, 15, e1007697.	2.1	44
65	The Antimicrobial Peptide lin-SB056-1 and Its Dendrimeric Derivative Prevent <i>Pseudomonas aeruginosa</i> Biofilm Formation in Physiologically Relevant Models of Chronic Infections. <i>Frontiers in Microbiology</i> , 2019, 10, 198.	1.5	30
66	Influence of the lung microbiome on antibiotic susceptibility of cystic fibrosis pathogens. <i>European Respiratory Review</i> , 2019, 28, 190041.	3.0	48
67	Combined Use of the Ab105-2 ϕ CI Lytic Mutant Phage and Different Antibiotics in Clinical Isolates of Multi-Resistant <i>Acinetobacter baumannii</i> . <i>Microorganisms</i> , 2019, 7, 556.	1.6	33
68	Pectin-bioactive glass self-gelling, injectable composites with high antibacterial activity. <i>Carbohydrate Polymers</i> , 2019, 205, 427-436.	5.1	39
69	Biofilm model systems for root canal disinfection: a literature review. <i>International Endodontic Journal</i> , 2019, 52, 604-628.	2.3	108
70	Small RNA NcS27 co-regulates utilization of carbon sources in <i>Burkholderia cenocepacia</i> J2315. <i>Microbiology (United Kingdom)</i> , 2019, 165, 1135-1150.	0.7	4
71	Subtle selectivity in a pheromone sensor triumvirate desynchronizes competence and predation in a human gut commensal. <i>ELife</i> , 2019, 8, .	2.8	6
72	Circuitry Rewiring Directly Couples Competence to Predation in the Gut Dweller <i>Streptococcus salivarius</i> . <i>Cell Reports</i> , 2018, 22, 1627-1638.	2.9	40

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73	Developing an in vitro artificial sebum model to study <i>Propionibacterium acnes</i> biofilms. <i>Anaerobe</i> , 2018, 49, 21-29.	1.0	28
74	Novel injectable gellan gum hydrogel composites incorporating Zn- and Sr-enriched bioactive glass microparticles: High-resolution X-ray microcomputed tomography, antibacterial and in vitro testing. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 1313-1326.	1.3	31
75	Chitosan functionalized poly- ϵ -caprolactone electrospun fibers and 3D printed scaffolds as antibacterial materials for tissue engineering applications. <i>Carbohydrate Polymers</i> , 2018, 191, 127-135.	5.1	52
76	Biogenic selenium nanoparticles synthesized by <i>Stenotrophomonas maltophilia</i> Se⁰² loose antibacterial and antibiofilm efficacy as a result of the progressive alteration of their organic coating layer. <i>Microbial Biotechnology</i> , 2018, 11, 1037-1047.	2.0	30
77	Influence of three-dimensional lung epithelial cells and interspecies interactions on antibiotic efficacy against <i>Mycobacterium abscessus</i> and <i>Pseudomonas aeruginosa</i> . <i>Pathogens and Disease</i> , 2018, 76, .	0.8	9
78	Should standardized susceptibility testing for microbial biofilms be introduced in clinical practice?. <i>Clinical Microbiology and Infection</i> , 2018, 24, 570-572.	2.8	54
79	Targeting the Nonmevalonate Pathway in <i>Burkholderia cenocepacia</i> Increases Susceptibility to Certain β -Lactam Antibiotics. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	9
80	The Small RNA ncS35 Regulates Growth in <i>Burkholderia cenocepacia</i> J2315. <i>MSphere</i> , 2018, 3, .	1.3	16
81	Whey Protein Complexes with Green Tea Polyphenols: Antimicrobial, Osteoblast-Stimulatory, and Antioxidant Activities. <i>Cells Tissues Organs</i> , 2018, 206, 106-118.	1.3	15
82	In memoriam—Mark E. Shirtliff (1969—2018). <i>Pathogens and Disease</i> , 2018, 76, .	0.8	0
83	Laser-induced vapour nanobubbles improve drug diffusion and efficiency in bacterial biofilms. <i>Nature Communications</i> , 2018, 9, 4518.	5.8	113
84	Synthesis and Biological Evaluation of Bolaamphiphilic Sophorolipids. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 8992-9005.	3.2	20
85	Detection and quantification of <i>Enterococcus faecalis</i> RNPP-type quorum sensing peptides in bacterial culture media by UHPLC-MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 160, 55-63.	1.4	8
86	Covalent Whey Protein—Rosmarinic Acid Interactions: A Comparison of Alkaline and Enzymatic Modifications on Physicochemical, Antioxidative, and Antibacterial Properties. <i>Journal of Food Science</i> , 2018, 83, 2092-2100.	1.5	49
87	Methodologies for in vitro and in vivo evaluation of efficacy of antifungal and antibiofilm agents and surface coatings against fungal biofilms. <i>Microbial Cell</i> , 2018, 5, 300-326.	1.4	81
88	Editorial: Cross-disciplinary biofilm research—an introduction to the fourth thematic issue on biofilms. <i>Pathogens and Disease</i> , 2018, 76, .	0.8	0
89	Coumarin Reduces Virulence and Biofilm Formation in <i>Pseudomonas aeruginosa</i> by Affecting Quorum Sensing, Type III Secretion and C-di-GMP Levels. <i>Frontiers in Microbiology</i> , 2018, 9, 1952.	1.5	59
90	Decreased susceptibility of <i>Streptococcus anginosus</i> to vancomycin in a multispecies biofilm is due to increased thickness of the cell wall. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 2323-2330.	1.3	27

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91	Elucidation of the mechanism behind the potentiating activity of baicalin against Burkholderia cenocepacia biofilms. PLoS ONE, 2018, 13, e0190533.	1.1	19
92	Three-dimensional lung epithelial cells potentiate aminoglycoside efficacy by enhancing intracellular pH in Pseudomonas aeruginosa. , 2018, , .		0
93	Influence of bacteria from the COPD lung microbiome on cigarette smoke-induced pro-inflammatory responses of three-dimensional lung epithelial cell cultures. , 2018, , .		0
94	Effect of laser-activated irrigation on biofilms in artificial root canals. International Endodontic Journal, 2017, 50, 472-479.	2.3	51
95	Composites of gellan gum hydrogel enzymatically mineralized with calcium-zinc phosphate for bone regeneration with antibacterial activity. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 1610-1618.	1.3	23
96	Screening a repurposing library for potentiators of antibiotics against Staphylococcus aureus biofilms. International Journal of Antimicrobial Agents, 2017, 49, 315-320.	1.1	25
97	Synthesis of N-Methylated Pseudodesmin A Analogues: on the Structural Importance of N-H Hydrogen Bonds. ChemistrySelect, 2017, 2, 640-644.	0.7	4
98	The Role of Reactive Oxygen Species in Antibiotic-Mediated Killing of Bacteria. Trends in Microbiology, 2017, 25, 456-466.	3.5	395
99	Antimicrobial efficacy against Pseudomonas aeruginosa biofilm formation in a three-dimensional lung epithelial model and the influence of fetal bovine serum. Scientific Reports, 2017, 7, 43321.	1.6	62
100	Ca:Mg:Zn:CO ₃ and Ca:Mg:CO ₃ tri- and bi-elemental carbonate microparticles for novel injectable self-gelling hydrogel-microparticle composites for tissue regeneration. Biomedical Materials (Bristol), 2017, 12, 025015.	1.7	11
101	A Topical Hydrogel with Deferiprone and Gallium-Protoporphyrin Targets Bacterial Iron Metabolism and Has Antibiofilm Activity. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	58
102	Optimization and characterization of a murine lung infection model for the evaluation of novel therapeutics against Burkholderia cenocepacia. Journal of Microbiological Methods, 2017, 139, 181-188.	0.7	2
103	Taking the Silver Bullet Colloidal Silver Particles for the Topical Treatment of Biofilm-Related Infections. ACS Applied Materials & Interfaces, 2017, 9, 21631-21638.	4.0	43
104	Titanium surface functionalization with coatings of chitosan and polyphenol-rich plant extracts. Materials Letters, 2017, 196, 213-216.	1.3	19
105	Membrane Interactions of Natural Cyclic Lipodepsipeptides of the Viscosin Group. Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 331-339.	1.4	34
106	Functionality of whey proteins covalently modified by allyl isothiocyanate. Part 1 physicochemical and antibacterial properties of native and modified whey proteins at pH 2 to 7. Food Hydrocolloids, 2017, 65, 130-143.	5.6	41
107	Community Composition Determines Activity of Antibiotics against Multispecies Biofilms. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	43
108	Thermoplastic polyurethane-based intravaginal rings for prophylaxis and treatment of (recurrent) bacterial vaginosis. International Journal of Pharmaceutics, 2017, 529, 218-226.	2.6	29

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109	Novel Potentiators for Vancomycin in the Treatment of Biofilm-Related MRSA Infections via a Mix and Match Approach. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 38-42.	1.3	14
110	Novel hamamelitannin analogues for the treatment of biofilm related MRSA infectionsâ€“A scaffold hopping approach. <i>European Journal of Medicinal Chemistry</i> , 2017, 127, 757-770.	2.6	27
111	Critical review on biofilm methods. <i>Critical Reviews in Microbiology</i> , 2017, 43, 313-351.	2.7	693
112	Identification of small RNAs abundant in <i>Burkholderia cenocepacia</i> biofilms reveal putative regulators with a potential role in carbon and iron metabolism. <i>Scientific Reports</i> , 2017, 7, 15665.	1.6	16
113	Innovative approaches to treat <i>Staphylococcus aureus</i> biofilm-related infections. <i>Essays in Biochemistry</i> , 2017, 61, 61-70.	2.1	29
114	Deferiprone and Gallium-Protoporphyrin Have the Capacity to Potentiate the Activity of Antibiotics in <i>Staphylococcus aureus</i> Small Colony Variants. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 280.	1.8	47
115	Metabolic activity, urease production, antibiotic resistance and virulence in dual species biofilms of <i>Staphylococcus epidermidis</i> and <i>Staphylococcus aureus</i> . <i>PLoS ONE</i> , 2017, 12, e0172700.	1.1	20
116	Developing selective media for quantification of multispecies biofilms following antibiotic treatment. <i>PLoS ONE</i> , 2017, 12, e0187540.	1.1	23
117	Evaluation of combination therapy for <i>Burkholderia cenocepacia</i> lung infection in different in vitro and in vivo models. <i>PLoS ONE</i> , 2017, 12, e0172723.	1.1	17
118	Pitfalls associated with evaluating enzymatic quorum quenching activity: the case of MomL and its effect on <i>Pseudomonas aeruginosa</i> and <i>Acinetobacter baumannii</i> biofilms. <i>PeerJ</i> , 2017, 5, e3251.	0.9	31
119	Orthopaedic device-related infection: current and future interventions for improved prevention and treatment. <i>EFORT Open Reviews</i> , 2016, 1, 89-99.	1.8	131
120	The Role of Reactive Oxygen Species in Antibiotic-Induced Cell Death in <i>Burkholderia cepacia</i> Complex Bacteria. <i>PLoS ONE</i> , 2016, 11, e0159837.	1.1	81
121	Dressings Loaded with Cyclodextrinâ€“Hamamelitannin Complexes Increase <i>Staphylococcus aureus</i> Susceptibility Toward Antibiotics Both in Single as well as in Mixed Biofilm Communities. <i>Macromolecular Bioscience</i> , 2016, 16, 859-869.	2.1	60
122	Hamamelitannin Analogues that Modulate Quorum Sensing as Potentiators of Antibiotics against <i>Staphylococcus aureus</i> . <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6551-6555.	7.2	48
123	Effect of β -Lactamase inhibitors on in vitro activity of β -Lactam antibiotics against <i>Burkholderia cepacia</i> complex species. <i>Antimicrobial Resistance and Infection Control</i> , 2016, 5, 44.	1.5	23
124	Drinking activity and microparticle size selection in early post-hatching axenic European sea bass (<i>Dicentrarchus labrax</i> L.) larvae. <i>Aquaculture</i> , 2016, 463, 37-42.	1.7	5
125	<i>Burkholderia</i> : an update on taxonomy and biotechnological potential as antibiotic producers. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 5215-5229.	1.7	222
126	Design, synthesis and biological evaluation of novel hamamelitannin analogues as potentiators for vancomycin in the treatment of biofilm related <i>Staphylococcus aureus</i> infections. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 4563-4575.	1.4	13

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127	Enrichment of enzymatically mineralized gellan gum hydrogels with phlorotannin-rich <i>Ecklonia cava</i> extract Seanol [®] to endow antibacterial properties and promote mineralization. <i>Biomedical Materials (Bristol)</i> , 2016, 11, 045015.	1.7	21
128	Editorial: The complexity of microbial biofilm research – an introduction to the third thematic issue on biofilms. <i>Pathogens and Disease</i> , 2016, 74, ftw053.	0.8	5
129	Antimicrobial Drug Efflux Pumps in <i>Burkholderia</i> . , 2016, , 417-438.		1
130	The Quorum Sensing Inhibitor Hamamelitannin Increases Antibiotic Susceptibility of <i>Staphylococcus aureus</i> Biofilms by Affecting Peptidoglycan Biosynthesis and eDNA Release. <i>Scientific Reports</i> , 2016, 6, 20321.	1.6	138
131	Stimulation of superoxide production increases fungicidal action of miconazole against <i>Candida albicans</i> biofilms. <i>Scientific Reports</i> , 2016, 6, 27463.	1.6	25
132	Discovery of new diketopiperazines inhibiting <i>Burkholderia cenocepacia</i> quorum sensing in vitro and in vivo. <i>Scientific Reports</i> , 2016, 6, 32487.	1.6	46
133	Hamamelitannin Analogues that Modulate Quorum Sensing as Potentiators of Antibiotics against <i>Staphylococcus aureus</i> . <i>Angewandte Chemie</i> , 2016, 128, 6661-6665.	1.6	2
134	The Role of Efflux and Physiological Adaptation in Biofilm Tolerance and Resistance. <i>Journal of Biological Chemistry</i> , 2016, 291, 12565-12572.	1.6	71
135	Sophorolipid Amine Oxide Production by a Combination of Fermentation Scale-up and Chemical Modification. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 7273-7281.	1.8	20
136	A Microplate-Based System as In Vitro Model of Biofilm Growth and Quantification. <i>Methods in Molecular Biology</i> , 2016, 1333, 53-66.	0.4	28
137	Genome-wide transcription start site profiling in biofilm-grown <i>Burkholderia cenocepacia</i> J2315. <i>BMC Genomics</i> , 2015, 16, 775.	1.2	33
138	Biofilm formation of <i>ica</i> operon-positive <i>Staphylococcus epidermidis</i> from different sources. <i>Apmis</i> , 2015, 123, 1081-1089.	0.9	8
139	D-Enantiomeric Peptides that Eradicate Wild-Type and Multidrug-Resistant Biofilms and Protect against Lethal <i>Pseudomonas aeruginosa</i> Infections. <i>Chemistry and Biology</i> , 2015, 22, 196-205.	6.2	268
140	Genome analysis of <i>Flaviramulus ichthyoenteri</i> Th78T in the family <i>Flavobacteriaceae</i> : insights into its quorum quenching property and potential roles in fish intestine. <i>BMC Genomics</i> , 2015, 16, 38.	1.2	22
141	An <i>Aspergillus flavus</i> secondary metabolic gene cluster containing a hybrid PKS-NRPS is necessary for synthesis of the 2-pyridones, leporins. <i>Fungal Genetics and Biology</i> , 2015, 81, 88-97.	0.9	67
142	Antimicrobial nano-silver non-woven polyethylene terephthalate fabric via an atmospheric pressure plasma deposition process. <i>Scientific Reports</i> , 2015, 5, 10138.	1.6	80
143	Antimicrobial resistance and population structure of <i>Staphylococcus epidermidis</i> recovered from animals and humans. <i>Veterinary Microbiology</i> , 2015, 178, 105-113.	0.8	19
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