Russell J Crawford

List of Publications by Year
in descending order

162 papers	13,213 citations	30070 54 h-index	23533 111 g-index
165 all docs	165 docs citations	165 times ranked	14131 citing authors

#	Article	IF	Citations
1	Illuminating the biochemical interaction of antimicrobial few-layer black phosphorus with microbial cells using synchrotron macro-ATR-FTIR. Journal of Materials Chemistry B, 2022, 10, 7527-7539.	5.8	8
2	Interactions between Liquid Metal Droplets and Bacterial, Fungal, and Mammalian Cells. Advanced Materials Interfaces, 2022, 9, .	3.7	19
3	Surface Architecture Influences the Rigidity of Candida albicans Cells. Nanomaterials, 2022, 12, 567.	4.1	10
4	Nanopillar Polymer Films as Antibacterial Packaging Materials. ACS Applied Nano Materials, 2022, 5, 2578-2591.	5.0	18
5	Deep eutectic solvents as cryoprotective agents for mammalian cells. Journal of Materials Chemistry B, 2022, 10, 4546-4560.	5.8	22
6	Mechano-bactericidal actions of nanostructured surfaces. Nature Reviews Microbiology, 2021, 19, 8-22.	28.6	264
7	Translocation of silica nanospheres through giant unilamellar vesicles (GUVs) induced by a high frequency electromagnetic field. RSC Advances, 2021, 11, 31408-31420.	3.6	3
8	Broad-Spectrum Solvent-free Layered Black Phosphorus as a Rapid Action Antimicrobial. ACS Applied Materials & Interfaces, 2021, 13, 17340-17352.	8.0	24
9	Towards antiviral polymer composites to combat COVIDâ€19 transmission. Nano Select, 2021, 2, 2061-2071.	3.7	28
10	Analysis of Pathogenic Bacterial and Yeast Biofilms Using the Combination of Synchrotron ATR-FTIR Microspectroscopy and Chemometric Approaches. Molecules, 2021, 26, 3890.	3.8	28
11	Antipathogenic properties and applications of low-dimensional materials. Nature Communications, 2021, 12, 3897.	12.8	63
12	Antifungal versus antibacterial defence of insect wings. Journal of Colloid and Interface Science, 2021, 603, 886-897.	9.4	27
13	Tunable morphological changes of asymmetric titanium nanosheets with bactericidal properties. Journal of Colloid and Interface Science, 2020, 560, 572-580.	9.4	51
14	Facile Route of Fabricating Long-Term Microbicidal Silver Nanoparticle Clusters against Shiga Toxin-Producing Escherichia coli O157:H7 and Candida auris. Coatings, 2020, 10, 28.	2.6	10
15	Antibacterial Liquid Metals: Biofilm Treatment <i>via</i> Magnetic Activation. ACS Nano, 2020, 14, 802-817.	14.6	198
16	Broad-spectrum treatment of bacterial biofilms using magneto-responsive liquid metal particles. Journal of Materials Chemistry B, 2020, 8, 10776-10787.	5.8	31
17	Conformationally tuned antibacterial oligomers target the peptidoglycan of Gram-positive bacteria. Journal of Colloid and Interface Science, 2020, 580, 850-862.	9.4	24
18	Antibacterial Action of Nanoparticles by Lethal Stretching of Bacterial Cell Membranes. Advanced Materials, 2020, 32, e2005679.	21.0	102

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19	Micro- to nano-scale chemical and mechanical mapping of antimicrobial-resistant fungal biofilms. Nanoscale, 2020, 12, 19888-19904.	5.6	12
20	Nanoscale Surface Roughness Influences <i>Candida albicans</i> Biofilm Formation. ACS Applied Bio Materials, 2020, 3, 8581-8591.	4.6	15
21	The multi-faceted mechano-bactericidal mechanism of nanostructured surfaces. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 12598-12605.	7.1	119
22	Cobalt-Directed Assembly of Antibodies onto Metalâ€“Phenolic Networks for Enhanced Particle Targeting. Nano Letters, 2020, 20, 2660-2666.	9.1	39
23	Significant Enhancement of Antimicrobial Activity in Oxygen-Deficient Zinc Oxide Nanowires. ACS Applied Bio Materials, 2020, 3, 2997-3004.	4.6	36
24	Liquid metal-based synthesis of high performance monolayer SnS piezoelectric nanogenerators. Nature Communications, 2020, 11, 3449.	12.8	128
25	Three-Dimensional Hierarchical Wrinkles on Polymer Films: From Chaotic to Ordered Antimicrobial Topographies. Trends in Biotechnology, 2020, 38, 558-571.	9.3	12
26	Antimicrobial Metal Nanomaterials: From Passive to Stimuliâ€Activated Applications. Advanced Science, 2020, 7, 1902913.	11.2	192
27	Effect of titanium surface topography on plasma deposition of antibacterial polymer coatings. Applied Surface Science, 2020, 521, 146375.	6.1	29
28	Multi-directional electrodeposited gold nanospikes for antibacterial surface applications. Nanoscale Advances, 2019, 1, 203-212.	4.6	65
29	The idiosyncratic self-cleaning cycle of bacteria on regularly arrayed mechano-bactericidal nanostructures. Nanoscale, 2019, 11, 16455-16462.	5.6	26
30	Interaction of Giant Unilamellar Vesicles with the Surface Nanostructures on Dragonfly Wings. Langmuir, 2019, 35, 2422-2430.	3.5	18
31	PC 12 Pheochromocytoma Cell Response to Super High Frequency Terahertz Radiation from Synchrotron Source. Cancers, 2019, 11, 162.	3.7	20
32	Engineering the Interface: Nanodiamond Coating on 3D-Printed Titanium Promotes Mammalian Cell Growth and Inhibits <i>Staphylococcus aureus</i> Colonization. ACS Applied Materials & Interfaces, 2019, 11, 24588-24597.	8.0	60
33	Outsmarting superbugs: bactericidal activity of nanostructured titanium surfaces against methicillin- and gentamicin-resistant<i>Staphylococcus aureus</i>ATCC 33592. Journal of Materials Chemistry B, 2019, 7, 4424-4431.	5.8	39
34	The use of nanomaterials for the mitigation of pathogenic biofilm formation. Methods in Microbiology, 2019, , 61-92.	0.8	31
35	The Fate of Osteoblast-Like MG-63 Cells on Pre-Infected Bactericidal Nanostructured Titanium Surfaces. Materials, 2019, 12, 1575.	2.9	33
36	Wrinkled Topologies: Influence of Amorphous, Carbonâ€Derived Wrinkled Surface Topologies on the Colonization of <i>Pseudomonas aeruginosa</i> Bacteria (Adv. Mater. Interfaces 7/2019). Advanced Materials Interfaces, 2019, 6, 1970044.	3.7	0

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37	Bacterial-nanostructure interactions: The role of cell elasticity and adhesion forces. Journal of Colloid and Interface Science, 2019, 546, 192-210.	9.4	120
38	Simulations of Protein Adsorption on Nanostructured Surfaces. Scientific Reports, 2019, 9, 4694.	3.3	34
39	Probing and pressing surfaces of hepatitis C virus-like particles. Journal of Colloid and Interface Science, 2019, 545, 259-268.	9.4	23
40	Influence of Amorphous, Carbonâ€Derived Wrinkled Surface Topologies on the Colonization of Pseudomonas aeruginosa Bacteria. Advanced Materials Interfaces, 2019, 6, 1801890.	3.7	4
41	Antibacterial Properties of Graphene Oxideâ€“Copper Oxide Nanoparticle Nanocomposites. ACS Applied Bio Materials, 2019, 2, 5687-5696.	4.6	57
42	Polymerization-Induced Phase Segregation and Self-Assembly of Siloxane Additives to Provide Thermoset Coatings with a Defined Surface Topology and Biocidal and Self-Cleaning Properties. Nanomaterials, 2019, 9, 1610.	4.1	6
43	Mechanical inactivation of Staphylococcus aureus and Pseudomonas aeruginosa by titanium substrata with hierarchical surface structures. Materialia, 2019, 5, 100197.	2.7	50
44	Imaging the air-water interface: Characterising biomimetic and natural hydrophobic surfaces using in situ atomic force microscopy. Journal of Colloid and Interface Science, 2019, 536, 363-371.	9.4	20
45	Polycrystalline Diamond Coating of Additively Manufactured Titanium for Biomedical Applications. ACS Applied Materials & Interfaces, 2018, 10, 8474-8484.	8.0	61
46	Role of topological scale in the differential fouling of <i>Pseudomonas aeruginosa</i> and <i>Staphylococcus aureus</i> bacterial cells on wrinkled gold-coated polystyrene surfaces. Nanoscale, 2018, 10, 5089-5096.	5.6	35
47	Subtle Variations in Surface Properties of Black Silicon Surfaces Influence the Degree of Bactericidal Efficiency. Nano-Micro Letters, 2018, 10, 36.	27.0	68
48	Study of melanin localization in the mature male<i>Calopteryx haemorrhoidalis</i>damselfly wings. Journal of Synchrotron Radiation, 2018, 25, 874-877.	2.4	1
49	Exposure to high-frequency electromagnetic field triggers rapid uptake of large nanosphere clusters by pheochromocytoma cells. International Journal of Nanomedicine, 2018, Volume 13, 8429-8442.	6.7	14
50	The Effect of Coatings and Nerve Growth Factor on Attachment and Differentiation of Pheochromocytoma Cells. Materials, 2018, 11, 60.	2.9	30
51	Pheochromocytoma (PC12) Cell Response on Mechanobactericidal Titanium Surfaces. Materials, 2018, 11, 605.	2.9	14
52	Pillars of Life: Is There a Relationship between Lifestyle Factors and the Surface Characteristics of Dragonfly Wings?. ACS Omega, 2018, 3, 6039-6046.	3.5	19
53	The susceptibility of Staphylococcus aureus CIP 65.8 and Pseudomonas aeruginosa ATCC 9721 cells to the bactericidal action of nanostructured Calopteryx haemorrhoidalis damselfly wing surfaces. Applied Microbiology and Biotechnology, 2017, 101, 4683-4690.	3.6	71
54	Three-Dimensional Organization of Self-Encapsulating <i>Gluconobacter oxydans</i> Bacterial Cells. ACS Omega, 2017, 2, 8099-8107.	3.5	13

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55	Nano-structured antimicrobial surfaces: From nature to synthetic analogues. Journal of Colloid and Interface Science, 2017, 508, 603-616.	9.4	268
56	Bactericidal activity of self-assembled palmitic and stearic fatty acid crystals on highly ordered pyrolytic graphite. Acta Biomaterialia, 2017, 59, 148-157.	8.3	42
57	Synchrotron macro ATR-FTIR microspectroscopic analysis of silica nanoparticle-embedded polyester coated steel surfaces subjected to prolonged UV and humidity exposure. PLoS ONE, 2017, 12, e0188345.	2.5	13
58	The Bioeffects Resulting from Prokaryotic Cells and Yeast Being Exposed to an 18 GHz Electromagnetic Field. PLoS ONE, 2016, 11, e0158135.	2.5	26
59	Thalassospira australica sp. nov. isolated from sea water. Antonie Van Leeuwenhoek, 2016, 109, 1091-1100.	1.7	10
60	A bactericidal microfluidic device constructed using nano-textured black silicon. RSC Advances, 2016, 6, 26300-26306.	3.6	44
61	Adsorption of Human Plasma Albumin and Fibronectin onto Nanostructured Black Silicon Surfaces. Langmuir, 2016, 32, 10744-10751.	3.5	27
62	â€œRace for the Surfaceâ€• Eukaryotic Cells Can Win. ACS Applied Materials & Interfaces, 2016, 8, 22025-22031.	8.0	95
63	Molecular Resolution in situ Imaging of Spontaneous Graphene Exfoliation. Journal of Physical Chemistry Letters, 2016, 7, 3118-3122.	4.6	34
64	The Evolution of Silica Nanoparticle-polyester Coatings on Surfaces Exposed to Sunlight. Journal of Visualized Experiments, 2016, , .	0.3	4
65	Metal ion adsorption at the ionic liquidâ€“mica interface. Nanoscale, 2016, 8, 906-914.	5.6	36
66	The nature of inherent bactericidal activity: insights from the nanotopology of three species of dragonfly. Nanoscale, 2016, 8, 6527-6534.	5.6	104
67	Antibacterial titanium nano-patterned arrays inspired by dragonfly wings. Scientific Reports, 2015, 5, 16817.	3.3	235
68	18â€‰GHz electromagnetic field induces permeability of Gram-positive cocci. Scientific Reports, 2015, 5, 10980.	3.3	28
69	Ion structure controls ionic liquid near-surface and interfacial nanostructure. Chemical Science, 2015, 6, 527-536.	7.4	93
70	Bacterial patterning at the three-phase line of contact with microtextured alkanes. Biofouling, 2015, 31, 297-307.	2.2	2
71	Nanostructure of the Ionic Liquidâ€“Graphite Stern Layer. ACS Nano, 2015, 9, 7608-7620.	14.6	156
72	Metallic Superhydrophobic Surfaces. , 2015, , 87-111.		0

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73	Biological Interactions with Superhydrophobic Surfaces. , 2015, , 151-160.		3
74	Natural Superhydrophobic Surfaces. , 2015, , 7-25.		3
75	The Design of Superhydrophobic Surfaces. , 2015, , 27-49.		2
76	Three-dimensional visualization of nanostructured surfaces and bacterial attachment using AutodeskÂ® MayaÂ®. Scientific Reports, 2015, 4, 4228.	3.3	6
77	Graphene Induces Formation of Pores That Kill Spherical and Rod-Shaped Bacteria. ACS Nano, 2015, 9, 8458-8467.	14.6	322
78	Ecophysiological diversity of a novel member of the genus Alteromonas, and description of Alteromonas mediterranea sp. nov.. Antonie Van Leeuwenhoek, 2015, 107, 119-132.	1.7	44
79	Self-organised nanoarchitecture of titanium surfaces influences the attachment of Staphylococcus aureus and Pseudomonas aeruginosa bacteria. Applied Microbiology and Biotechnology, 2015, 99, 6831-6840.	3.6	22
80	The role of metal ion-ligand interactions during divalent metal ion adsorption. Journal of Colloid and Interface Science, 2015, 454, 20-26.	9.4	28
81	Fabrication of a platform to isolate the influences of surface nanotopography from chemistry on bacterial attachment and growth. Biointerphases, 2015, 10, 011002.	1.6	8
82	Near surface properties of mixtures of propylammonium nitrate with n-alkanols 1. Nanostructure. Physical Chemistry Chemical Physics, 2015, 17, 26621-26628.	2.8	14
83	Impact of particle nanotopology on water transport through hydrophobic soils. Journal of Colloid and Interface Science, 2015, 460, 61-70.	9.4	8
84	Natural Antibacterial Surfaces. , 2015, , 9-26.		3
85	Designing Antibacterial Surfaces for Biomedical Implants. , 2015, , 89-111.		5
86	Introduction to Antibacterial Surfaces. , 2015, , 1-8.		1
87	Marinobacter salarius sp. nov. and Marinobacter similis sp. nov., Isolated from Sea Water. PLoS ONE, 2014, 9, e106514.	2.5	39
88	Genome Sequence of "Thalassospira australica" NP3b2T Isolated from St. Kilda Beach, Tasman Sea. Genome Announcements, 2014, 2, .	0.8	2
89	Wing wettability of Odonata species as a function of quantity of epicuticular waxes. Vibrational Spectroscopy, 2014, 75, 173-177.	2.2	12
90	Draft Genome Sequences of Marinobacter similis A3d10 ^T and Marinobacter salarius R9SW1 ^T. Genome Announcements, 2014, 2, .	0.8	7

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91	Natural Insect and Plant Micro-/Nanostructsured Surfaces: An Excellent Selection of Valuable Templates with Superhydrophobic and Self-Cleaning Properties. Molecules, 2014, 19, 13614-13630.	3.8	59
92	Three-dimensional reconstruction of surface nanoarchitecture from two-dimensional datasets. AMB Express, 2014, 4, 3.	3.0	3
93	Wettability of natural superhydrophobic surfaces. Advances in Colloid and Interface Science, 2014, 210, 58-64.	14.7	105
94	Introduction to biomaterials and implantable device design. , 2014, , 1-31.		2
95	Metallic biomaterials: types and advanced applications. , 2014, , 121-147.		19
96	3-Dimensional atomic scale structure of the ionic liquidâ€"graphite interface elucidated by AM-AFM and quantum chemical simulations. Nanoscale, 2014, 6, 8100-8106.	5.6	78
97	Nanotopography as a trigger for the microscale, autogenous and passive lysis of erythrocytes. Journal of Materials Chemistry B, 2014, 2, 2819-2826.	5.8	45
98	Preparation of sinapinaldehyde modified mesoporous silica materials and their application in selective extraction of trace Pb(II). International Journal of Environmental Analytical Chemistry, 2013, 93, 1274-1285.	3.3	10
99	Bactericidal activity of black silicon. Nature Communications, 2013, 4, 2838.	12.8	731
100	Plastic Degradation and Its Environmental Implications with Special Reference to Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	4.5	587
101	Selective bactericidal activity of nanopatterned superhydrophobic cicada Psaltoda claripennis wing surfaces. Applied Microbiology and Biotechnology, 2013, 97, 9257-9262.	3.6	270
102	Updating the taxonomic toolbox: classification of Alteromonas spp. using multilocus phylogenetic analysis and MALDI-TOF mass spectrometry. Antonie Van Leeuwenhoek, 2013, 103, 265-275.	1.7	13
103	Biophysical Model of Bacterial Cell Interactions with Nanopatterned Cicada Wing Surfaces. Biophysical Journal, 2013, 104, 835-840.	0.5	496
104	Adsorbed and near surface structure of ionic liquids at a solid interface. Physical Chemistry Chemical Physics, 2013, 15, 3320.	2.8	114
105	Antibacterial surfaces: the quest for a new generation of biomaterials. Trends in Biotechnology, 2013, 31, 295-304.	9.3	805
106	Dual role of outer epicuticular lipids in determining the wettability of dragonfly wings. Colloids and Surfaces B: Biointerfaces, 2013, 106, 126-134.	5.0	64
107	Adsorbed and near-surface structure of ionic liquids determines nanoscale friction. Chemical Communications, 2013, 49, 6797.	4.1	71
108	Alteromonas australica sp. nov., isolated from the Tasman Sea. Antonie Van Leeuwenhoek, 2013, 103, 877-884.	1.7	37

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109	High-spatial-resolution mapping of superhydrophobic cicada wing surface chemistry using infrared microspectroscopy and infrared imaging at two synchrotron beamlines. Journal of Synchrotron Radiation, 2013, 20, 482-489.	2.4	24
110	Molecular Organization of the Nanoscale Surface Structures of the Dragonfly Hemianax papuensis Wing Epicuticle. PLoS ONE, 2013, 8, e67893.	2.5	61
111	Surface topographical factors influencing bacterial attachment. Advances in Colloid and Interface Science, 2012, 179-182, 142-149.	14.7	285
112	Review of the specific effects of microwave radiation on bacterial cells. Applied Microbiology and Biotechnology, 2012, 96, 319-325.	3.6	55
113	Spatial Variations and Temporal Metastability of the Self-Cleaning and Superhydrophobic Properties of Damselfly Wings. Langmuir, 2012, 28, 17404-17409.	3.5	55
114	Roughness Parameters for Standard Description of Surface Nanoarchitecture. Scanning, 2012, 34, 257-263.	1.5	65
115	Natural Bactericidal Surfaces: Mechanical Rupture of <i>Pseudomonas aeruginosa</i> Cells by Cicada Wings. Small, 2012, 8, 2489-2494.	10.0	742
116	Removal of aqueous toxic Hg(II) by functionalized mesoporous silica materials. Journal of Chemical Technology and Biotechnology, 2012, 87, 1473-1479.	3.2	20
117	Efficient surface modification of biomaterial to prevent biofilm formation and the attachment of microorganisms. Applied Microbiology and Biotechnology, 2012, 95, 299-311.	3.6	198
118	Highly selective trapping of enteropathogenic E. coli on Fabryâ€“PÃ©rot sensor mirrors. Biosensors and Bioelectronics, 2012, 35, 369-375.	10.1	12
119	Bacterial Extracellular Polysaccharides. Advances in Experimental Medicine and Biology, 2011, 715, 213-226.	1.6	79
120	Bacterial Retention on Superhydrophobic Titanium Surfaces Fabricated by Femtosecond Laser Ablation. Langmuir, 2011, 27, 3012-3019.	3.5	366
121	Physico-mechanical characterisation of cells using atomic force microscopy â€" Current research and methodologies. Journal of Microbiological Methods, 2011, 86, 131-139.	1.6	59
122	Do bacteria differentiate between degrees of nanoscale surface roughness?. Biotechnology Journal, 2011, 6, 1103-1114.	3.5	86
123	The influence of nanoscopically thin silver films on bacterial viability and attachment. Applied Microbiology and Biotechnology, 2011, 91, 1149-1157.	3.6	40
124	Plasma-assisted surface modification of organic biopolymers to prevent bacterial attachment. Acta Biomaterialia, 2011, 7, 2015-2028.	8.3	254
125	Differential attraction and repulsion of Staphylococcus aureus and Pseudomonas aeruginosa on molecularly smooth titanium films. Scientific Reports, 2011, 1, 165.	3.3	76
126	Specific Electromagnetic Effects of Microwave Radiation on Escherichia coli. Applied and Environmental Microbiology, 2011, 77, 3017-3022.	3.1	74

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127	The Effect of Polyterpenol Thin Film Surfaces on Bacterial Viability and Adhesion. Polymers, 2011, 3, 388-404.	4.5	62
128	The Structural Diversity of Carbohydrate Antigens of Selected Gram-Negative Marine Bacteria. Marine Drugs, 2011, 9, 1914-1954.	4.6	40
129	The influence of nano-scale surface roughness on bacterial adhesion to ultrafine-grained titanium. Biomaterials, 2010, 31, 3674-3683.	11.4	379
130	Winogradskyella exilis sp. nov., isolated from the starfish Stellaster equestris, and emended description of the genus Winogradskyella. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 1577-1580.	1.7	38
131	Celeribacter neptunius gen. nov., sp. nov., a new member of the class Alphaproteobacteria. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 1620-1625.	1.7	30
132	Impact of Nanoscale Roughness of Titanium Thin Film Surfaces on Bacterial Retention. Langmuir, 2010, 26, 1973-1982.	3.5	177
133	Plasma-Enhanced Synthesis of Bioactive Polymeric Coatings from Monoterpene Alcohols: A Combined Experimental and Theoretical Study. Biomacromolecules, 2010, 11, 2016-2026.	5.4	63
134	Bacterial attachment response to nanostructured titanium surfaces. , 2010, , .		2
135	Modifications to surface chemistry and nanotopography of poly(ethylene terephthalate) by marine bacteria. , 2010, , .		0
136	Granulosicoccus coccoides sp. nov., isolated from leaves of seagrass (Zostera marina). International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 972-976.	1.7	54
137	Bacterial interactions with optical fibre surfaces. , 2010, , .		0
138	Bacterial Attachment Response on Titanium Surfaces with Nanometric Topographic Features. , 2010, , 41-45.		3
139	Comparative Genomics of Pathogens. , 2010, , 73-91.		0
140	Pseudomonas brassicacearum subsp. neoaurantiaca subsp. nov., orange-pigmented bacteria isolated from soil and the rhizosphere of agricultural plants. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 2476-2481.	1.7	26
141	A New Sterilization Technique of Bovine Pericardial Biomaterial Using Microwave Radiation. Tissue Engineering - Part C: Methods, 2009, 15, 445-454.	2.1	20
142	Effect of ultrafine-grained titanium surfaces on adhesion of bacteria. Applied Microbiology and Biotechnology, 2009, 83, 925-937.	3.6	100
143	Escherichia coli, Pseudomonas aeruginosa, and Staphylococcus aureus Attachment Patterns on Glass Surfaces with Nanoscale Roughness. Current Microbiology, 2009, 58, 268-273.	2.2	220
144	Bacterial Extracellular Polysaccharides Involved in Biofilm Formation. Molecules, 2009, 14, 2535-2554.	3.8	859

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145	Poly(ethylene terephthalate) Polymer Surfaces as a Substrate for Bacterial Attachment and Biofilm Formation. Microbes and Environments, 2009, 24, 39-42.	1.6	110
146	Acylated flavonoid tetraglycoside from Planchonia careya leaves. Phytochemistry Letters, 2008, 1, 99-102.	1.2	12
147	Staleya guttiformis attachment on poly(tert-butylmethacrylate) polymeric surfaces. Micron, 2008, 39, 1197-1204.	2.2	35
148	Impact of nanoâ€topography on bacterial attachment. Biotechnology Journal, 2008, 3, 536-544.	3.5	166
149	Antibacterial compounds from Planchonia careya leaf extracts. Journal of Ethnopharmacology, 2008, 116, 554-560.	4.1	21
150	Nano-structured surfaces control bacterial attachment. , 2008, , .		10
151	Australian Colloid and Surface Science in 2007. Australian Journal of Chemistry, 2007, 60, 627.	0.9	0
152	Cd(II) sorption onto chemically modified Australian coals. Fuel, 2005, 84, 1653-1653.	6.4	5
153	Cd(II) binding by particulate low-rank coals in aqueous media: sorption characteristics and NICAâ€"Donnan models. Journal of Colloid and Interface Science, 2004, 278, 291-298.	9.4	10
154	Adsorption of aqueous heavy metals onto carbonaceous substrates. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1999, 155, 63-68.	4.7	42
155	Adsorption and coprecipitation of heavy metals from ammoniacal solutions using hydrous metal oxides. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1997, 126, 167-179.	4.7	31
156	The Zeta Potential of Iron and Chromium Hydrous Oxides during Adsorption and Coprecipitation of Aqueous Heavy Metals. Journal of Colloid and Interface Science, 1996, 181, 561-570.	9.4	42
157	The wetting behaviour of several organic liquids in water on coal surfaces. Fuel, 1996, 75, 238-242.	6.4	31
158	The effect of adsorbed and non-adsorbed additives on the stability of coal-water suspensions. Fuel, 1996, 75, 443-452.	6.4	24
159	Adsorption and coprecipitation of single heavy metal ions onto the hydrated oxides of iron and chromium. Langmuir, 1993, 9, 3050-3056.	3.5	120
160	The role of surface thermodynamic properties in the agglomeration of coals. Fuel, 1992, 71, 935-939.	6.4	13
161	The influence of particle size and contact angle in mineral flotation. International Journal of Mineral Processing, 1988, 23, 1-24.	2.6	187
162	Contact angles on particles and plates. Colloids and Surfaces, 1987, 27, 57-64.	0.9	28