Russell J Crawford

List of Publications by Year in descending order

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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	Bacterial Extracellular Polysaccharides Involved in Biofilm Formation. Molecules, 2009, 14, 2535-2554.	3.8	859
2	Antibacterial surfaces: the quest for a new generation of biomaterials. Trends in Biotechnology, 2013, 31, 295-304.	9.3	805
3	Natural Bactericidal Surfaces: Mechanical Rupture of Pseudomonas aeruginosa Cells by Cicada Wings. Small, 2012, 8, 2489-2494.	10.0	742
4	Bactericidal activity of black silicon. Nature Communications, 2013, 4, 2838.	12.8	731
5	Plastic Degradation and Its Environmental Implications with Special Reference to Poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock	4.5	587
6	Biophysical Model of Bacterial Cell Interactions with Nanopatterned Cicada Wing Surfaces. Biophysical Journal, 2013, 104, 835-840.	0.5	496
7	The influence of nano-scale surface roughness on bacterial adhesion to ultrafine-grained titanium. Biomaterials, 2010, 31, 3674-3683.	11.4	379
8	Bacterial Retention on Superhydrophobic Titanium Surfaces Fabricated by Femtosecond Laser Ablation. Langmuir, 2011, 27, 3012-3019.	3.5	366
9	Graphene Induces Formation of Pores That Kill Spherical and Rod-Shaped Bacteria. ACS Nano, 2015, 9, 8458-8467.	14.6	322
10	Surface topographical factors influencing bacterial attachment. Advances in Colloid and Interface Science, 2012, 179-182, 142-149.	14.7	285
11	Selective bactericidal activity of nanopatterned superhydrophobic cicada Psaltoda claripennis wing surfaces. Applied Microbiology and Biotechnology, 2013, 97, 9257-9262.	3.6	270
12	Nano-structured antimicrobial surfaces: From nature to synthetic analogues. Journal of Colloid and Interface Science, 2017, 508, 603-616.	9.4	268
13	Mechano-bactericidal actions of nanostructured surfaces. Nature Reviews Microbiology, 2021, 19, 8-22.	28.6	264
14	Plasma-assisted surface modification of organic biopolymers to prevent bacterial attachment. Acta Biomaterialia, 2011, 7, 2015-2028.	8.3	254
15	Antibacterial titanium nano-patterned arrays inspired by dragonfly wings. Scientific Reports, 2015, 5, 16817.	3.3	235
16	Escherichia coli, Pseudomonas aeruginosa, and Staphylococcus aureus Attachment Patterns on Glass Surfaces with Nanoscale Roughness. Current Microbiology, 2009, 58, 268-273.	2.2	220
17	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
18	Antibacterial Liquid Metals: Biofilm Treatment via Magnetic Activation. ACS Nano, 2020, 14, 802-817.	14.6	198

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19	Antimicrobial Metal Nanomaterials: From Passive to Stimuliâ€Activated Applications. Advanced Science, 2020, 7, 1902913.	11.2	192
20	The influence of particle size and contact angle in mineral flotation. International Journal of Mineral Processing, 1988, 23, 1-24.	2.6	187
21	Impact of Nanoscale Roughness of Titanium Thin Film Surfaces on Bacterial Retention. Langmuir, 2010, 26, 1973-1982.	3.5	177
22	Impact of nanoâ€topography on bacterial attachment. Biotechnology Journal, 2008, 3, 536-544.	3.5	166
23	Nanostructure of the Ionic Liquidâ€“Graphite Stern Layer. ACS Nano, 2015, 9, 7608-7620.	14.6	156
24	Liquid metal-based synthesis of high performance monolayer SnS piezoelectric nanogenerators. Nature Communications, 2020, 11, 3449.	12.8	128
25	Adsorption and coprecipitation of single heavy metal ions onto the hydrated oxides of iron and chromium. Langmuir, 1993, 9, 3050-3056.	3.5	120
26	Bacterial-nanostructure interactions: The role of cell elasticity and adhesion forces. Journal of Colloid and Interface Science, 2019, 546, 192-210.	9.4	120
27	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
28	Adsorbed and near surface structure of ionic liquids at a solid interface. Physical Chemistry Chemical Physics, 2013, 15, 3320.	2.8	114
29	Poly(ethylene terephthalate) Polymer Surfaces as a Substrate for Bacterial Attachment and Biofilm Formation. Microbes and Environments, 2009, 24, 39-42.	1.6	110
30	Wettability of natural superhydrophobic surfaces. Advances in Colloid and Interface Science, 2014, 210, 58-64.	14.7	105
31	The nature of inherent bactericidal activity: insights from the nanotopology of three species of dragonfly. Nanoscale, 2016, 8, 6527-6534.	5.6	104
32	Antibacterial Action of Nanoparticles by Lethal Stretching of Bacterial Cell Membranes. Advanced Materials, 2020, 32, e2005679.	21.0	102
33	Effect of ultrafine-grained titanium surfaces on adhesion of bacteria. Applied Microbiology and Biotechnology, 2009, 83, 925-937.	3.6	100
34	â€œRace for the Surfaceâ€• Eukaryotic Cells Can Win. ACS Applied Materials & Interfaces, 2016, 8, 22025-22031.	8.0	95
35	Ion structure controls ionic liquid near-surface and interfacial nanostructure. Chemical Science, 2015, 6, 527-536.	7.4	93
36	Do bacteria differentiate between degrees of nanoscale surface roughness?. Biotechnology Journal, 2011, 6, 1103-1114.	3.5	86

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37	Bacterial Extracellular Polysaccharides. Advances in Experimental Medicine and Biology, 2011, 715, 213-226.	1.6	79
38	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
39	Differential attraction and repulsion of Staphylococcus aureus and Pseudomonas aeruginosa on molecularly smooth titanium films. Scientific Reports, 2011, 1, 165.	3.3	76
40	Specific Electromagnetic Effects of Microwave Radiation on Escherichia coli. Applied and Environmental Microbiology, 2011, 77, 3017-3022.	3.1	74
41	Adsorbed and near-surface structure of ionic liquids determines nanoscale friction. Chemical Communications, 2013, 49, 6797.	4.1	71
42	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
43	Subtle Variations in Surface Properties of Black Silicon Surfaces Influence the Degree of Bactericidal Efficiency. Nano-Micro Letters, 2018, 10, 36.	27.0	68
44	Roughness Parameters for Standard Description of Surface Nanoarchitecture. Scanning, 2012, 34, 257-263.	1.5	65
45	Multi-directional electrodeposited gold nanospikes for antibacterial surface applications. Nanoscale Advances, 2019, 1, 203-212.	4.6	65
46	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
47	Plasma-Enhanced Synthesis of Bioactive Polymeric Coatings from Monoterpene Alcohols: A Combined Experimental and Theoretical Study. Biomacromolecules, 2010, 11, 2016-2026.	5.4	63
48	Antipathogenic properties and applications of low-dimensional materials. Nature Communications, 2021, 12, 3897.	12.8	63
49	The Effect of Polyterpenol Thin Film Surfaces on Bacterial Viability and Adhesion. Polymers, 2011, 3, 388-404.	4.5	62
50	Molecular Organization of the Nanoscale Surface Structures of the Dragonfly Hemianax papuensis Wing Epicuticle. PLoS ONE, 2013, 8, e67893.	2.5	61
51	Polycrystalline Diamond Coating of Additively Manufactured Titanium for Biomedical Applications. ACS Applied Materials & Interfaces, 2018, 10, 8474-8484.	8.0	61
52	Engineering the Interface: Nanodiamond Coating on 3D-Printed Titanium Promotes Mammalian Cell Growth and Inhibits Staphylococcus aureus Colonization. ACS Applied Materials & Interfaces, 2019, 11, 24588-24597.	8.0	60
53	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
54	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

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55	Antibacterial Properties of Graphene Oxideâ€“Copper Oxide Nanoparticle Nanocomposites. ACS Applied Bio Materials, 2019, 2, 5687-5696.	4.6	57
56	Review of the specific effects of microwave radiation on bacterial cells. Applied Microbiology and Biotechnology, 2012, 96, 319-325.	3.6	55
57	Spatial Variations and Temporal Metastability of the Self-Cleaning and Superhydrophobic Properties of Damselfly Wings. Langmuir, 2012, 28, 17404-17409.	3.5	55
58	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
59	Tunable morphological changes of asymmetric titanium nanosheets with bactericidal properties. Journal of Colloid and Interface Science, 2020, 560, 572-580.	9.4	51
60	Mechanical inactivation of Staphylococcus aureus and Pseudomonas aeruginosa by titanium substrata with hierarchical surface structures. Materialia, 2019, 5, 100197.	2.7	50
61	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
62	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
63	A bactericidal microfluidic device constructed using nano-textured black silicon. RSC Advances, 2016, 6, 26300-26306.	3.6	44
64	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
65	Adsorption of aqueous heavy metals onto carbonaceous substrates. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1999, 155, 63-68.	4.7	42
66	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
67	The influence of nanoscopically thin silver films on bacterial viability and attachment. Applied Microbiology and Biotechnology, 2011, 91, 1149-1157.	3.6	40
68	The Structural Diversity of Carbohydrate Antigens of Selected Gram-Negative Marine Bacteria. Marine Drugs, 2011, 9, 1914-1954.	4.6	40
69	Marinobacter salarius sp. nov. and Marinobacter similis sp. nov., Isolated from Sea Water. PLoS ONE, 2014, 9, e106514.	2.5	39
70	Outsmarting superbugs: bactericidal activity of nanostructured titanium surfaces against methicillin- and gentamicin-resistantStaphylococcus aureusATCC 33592. Journal of Materials Chemistry B, 2019, 7, 4424-4431.	5.8	39
71	Cobalt-Directed Assembly of Antibodies onto Metalâ€“Phenolic Networks for Enhanced Particle Targeting. Nano Letters, 2020, 20, 2660-2666.	9.1	39
72	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

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73	Alteromonas australica sp. nov., isolated from the Tasman Sea. Antonie Van Leeuwenhoek, 2013, 103, 877-884.	1.7	37
74	Metal ion adsorption at the ionic liquidâ€“mica interface. Nanoscale, 2016, 8, 906-914.	5.6	36
75	Significant Enhancement of Antimicrobial Activity in Oxygen-Deficient Zinc Oxide Nanowires. ACS Applied Bio Materials, 2020, 3, 2997-3004.	4.6	36
76	Staleya guttiformis attachment on poly(tert-butylmethacrylate) polymeric surfaces. Micron, 2008, 39, 1197-1204.	2.2	35
77	Role of topological scale in the differential fouling of Pseudomonas aeruginosa and Staphylococcus aureus bacterial cells on wrinkled gold-coated polystyrene surfaces. Nanoscale, 2018, 10, 5089-5096.	5.6	35
78	Molecular Resolution in situ Imaging of Spontaneous Graphene Exfoliation. Journal of Physical Chemistry Letters, 2016, 7, 3118-3122.	4.6	34
79	Simulations of Protein Adsorption on Nanostructured Surfaces. Scientific Reports, 2019, 9, 4694.	3.3	34
80	The Fate of Osteoblast-Like MG-63 Cells on Pre-Infected Bactericidal Nanostructured Titanium Surfaces. Materials, 2019, 12, 1575.	2.9	33
81	The wetting behaviour of several organic liquids in water on coal surfaces. Fuel, 1996, 75, 238-242.	6.4	31
82	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
83	The use of nanomaterials for the mitigation of pathogenic biofilm formation. Methods in Microbiology, 2019, , 61-92.	0.8	31
84	Broad-spectrum treatment of bacterial biofilms using magneto-responsive liquid metal particles. Journal of Materials Chemistry B, 2020, 8, 10776-10787.	5.8	31
85	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
86	The Effect of Coatings and Nerve Growth Factor on Attachment and Differentiation of Pheochromocytoma Cells. Materials, 2018, 11, 60.	2.9	30
87	Effect of titanium surface topography on plasma deposition of antibacterial polymer coatings. Applied Surface Science, 2020, 521, 146375.	6.1	29
88	Contact angles on particles and plates. Colloids and Surfaces, 1987, 27, 57-64.	0.9	28
89	18â€‰GHz electromagnetic field induces permeability of Gram-positive cocci. Scientific Reports, 2015, 5, 10980.	3.3	28
90	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

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91	Towards antiviral polymer composites to combat COVIDâ€19 transmission. Nano Select, 2021, 2, 2061-2071.	3.7	28
92	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
93	Adsorption of Human Plasma Albumin and Fibronectin onto Nanostructured Black Silicon Surfaces. Langmuir, 2016, 32, 10744-10751.	3.5	27
94	Antifungal versus antibacterial defence of insect wings. Journal of Colloid and Interface Science, 2021, 603, 886-897.	9.4	27
95	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
96	The Bioeffects Resulting from Prokaryotic Cells and Yeast Being Exposed to an 18 GHz Electromagnetic Field. PLoS ONE, 2016, 11, e0158135.	2.5	26
97	The idiosyncratic self-cleaning cycle of bacteria on regularly arrayed mechano-bactericidal nanostructures. Nanoscale, 2019, 11, 16455-16462.	5.6	26
98	The effect of adsorbed and non-adsorbed additives on the stability of coal-water suspensions. Fuel, 1996, 75, 443-452.	6.4	24
99	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
100	Conformationally tuned antibacterial oligomers target the peptidoglycan of Gram-positive bacteria. Journal of Colloid and Interface Science, 2020, 580, 850-862.	9.4	24
101	Broad-Spectrum Solvent-free Layered Black Phosphorus as a Rapid Action Antimicrobial. ACS Applied Materials & Interfaces, 2021, 13, 17340-17352.	8.0	24
102	Probing and pressing surfaces of hepatitis C virus-like particles. Journal of Colloid and Interface Science, 2019, 545, 259-268.	9.4	23
103	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
104	Deep eutectic solvents as cryoprotective agents for mammalian cells. Journal of Materials Chemistry B, 2022, 10, 4546-4560.	5.8	22
105	Antibacterial compounds from Planchonia careya leaf extracts. Journal of Ethnopharmacology, 2008, 116, 554-560.	4.1	21
106	A New Sterilization Technique of Bovine Pericardial Biomaterial Using Microwave Radiation. Tissue Engineering - Part C: Methods, 2009, 15, 445-454.	2.1	20
107	Removal of aqueous toxic Hg(II) by functionalized mesoporous silica materials. Journal of Chemical Technology and Biotechnology, 2012, 87, 1473-1479.	3.2	20
108	PC 12 Pheochromocytoma Cell Response to Super High Frequency Terahertz Radiation from Synchrotron Source. Cancers, 2019, 11, 162.	3.7	20

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109	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
110	Metallic biomaterials: types and advanced applications. , 2014, , 121-147.		19
111	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
112	Interactions between Liquid Metal Droplets and Bacterial, Fungal, and Mammalian Cells. Advanced Materials Interfaces, 2022, 9, .	3.7	19
113	Interaction of Giant Unilamellar Vesicles with the Surface Nanostructures on Dragonfly Wings. Langmuir, 2019, 35, 2422-2430.	3.5	18
114	Nanopillar Polymer Films as Antibacterial Packaging Materials. ACS Applied Nano Materials, 2022, 5, 2578-2591.	5.0	18
115	Nanoscale Surface Roughness Influences Candida albicans Biofilm Formation. ACS Applied Bio Materials, 2020, 3, 8581-8591.	4.6	15
116	Near surface properties of mixtures of propylammonium nitrate with n-alkanols 1. Nanostructure. Physical Chemistry Chemical Physics, 2015, 17, 26621-26628.	2.8	14
117	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
118	Pheochromocytoma (PC12) Cell Response on Mechanobactericidal Titanium Surfaces. Materials, 2018, 11, 605.	2.9	14
119	The role of surface thermodynamic properties in the agglomeration of coals. Fuel, 1992, 71, 935-939.	6.4	13
120	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
121	Three-Dimensional Organization of Self-Encapsulating Gluconobacter oxydans Bacterial Cells. ACS Omega, 2017, 2, 8099-8107.	3.5	13
122	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
123	Acylated flavonoid tetraglycoside from Planchonia careya leaves. Phytochemistry Letters, 2008, 1, 99-102.	1.2	12
124	Highly selective trapping of enteropathogenic E. coli on Fabryâ€“PÃ©rot sensor mirrors. Biosensors and Bioelectronics, 2012, 35, 369-375.	10.1	12
125	Wing wettability of Odonata species as a function of quantity of epicuticular waxes. Vibrational Spectroscopy, 2014, 75, 173-177.	2.2	12
126	Micro- to nano-scale chemical and mechanical mapping of antimicrobial-resistant fungal biofilms. Nanoscale, 2020, 12, 19888-19904.	5.6	12

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127	Three-Dimensional Hierarchical Wrinkles on Polymer Films: From Chaotic to Ordered Antimicrobial Topographies. Trends in Biotechnology, 2020, 38, 558-571.	9.3	12
128	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
129	Nano-structured surfaces control bacterial attachment. , 2008, , .		10
130	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
131	Thalassospira australica sp. nov. isolated from sea water. Antonie Van Leeuwenhoek, 2016, 109, 1091-1100.	1.7	10
132	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
133	Surface Architecture Influences the Rigidity of Candida albicans Cells. Nanomaterials, 2022, 12, 567.	4.1	10
134	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
135	Impact of particle nanotopology on water transport through hydrophobic soils. Journal of Colloid and Interface Science, 2015, 460, 61-70.	9.4	8
136	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
137	Draft Genome Sequences of Marinobacter similis A3d10 ^T and Marinobacter salarius R9SW1 ^T. Genome Announcements, 2014, 2, .	0.8	7
138	Three-dimensional visualization of nanostructured surfaces and bacterial attachment using AutodeskÂ® MayaÂ®. Scientific Reports, 2015, 4, 4228.	3.3	6
139	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
140	Cd(II) sorption onto chemically modified Australian coals. Fuel, 2005, 84, 1653-1653.	6.4	5
141	Designing Antibacterial Surfaces for Biomedical Implants. , 2015, , 89-111.		5
142	The Evolution of Silica Nanoparticle-polyester Coatings on Surfaces Exposed to Sunlight. Journal of Visualized Experiments, 2016, , .	0.3	4
143	Influence of Amorphous, Carbonâ€Derived Wrinkled Surface Topologies on the Colonization of Pseudomonas aeruginosa Bacteria. Advanced Materials Interfaces, 2019, 6, 1801890.	3.7	4
144	Three-dimensional reconstruction of surface nanoarchitecture from two-dimensional datasets. AMB Express, 2014, 4, 3.	3.0	3

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145	Biological Interactions with Superhydrophobic Surfaces. , 2015, , 151-160.		3
146	Natural Superhydrophobic Surfaces. , 2015, , 7-25.		3
147	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
148	Natural Antibacterial Surfaces. , 2015, , 9-26.		3
149	Bacterial Attachment Response on Titanium Surfaces with Nanometric Topographic Features. , 2010, , 41-45.		3
150	Bacterial attachment response to nanostructured titanium surfaces. , 2010, , .		2
151	Genome Sequence of "Thalassospira australica" NP3b2T Isolated from St. Kilda Beach, Tasman Sea. Genome Announcements, 2014, 2, .	0.8	2
152	Introduction to biomaterials and implantable device design. , 2014, , 1-31.		2
153	Bacterial patterning at the three-phase line of contact with microtextured alkanes. Biofouling, 2015, 31, 297-307.	2.2	2
154	The Design of Superhydrophobic Surfaces. , 2015, , 27-49.		2
155	Study of melanin localization in the mature maleCalopteryx haemorrhoidalisdamselfly wings. Journal of Synchrotron Radiation, 2018, 25, 874-877.	2.4	1
156	Introduction to Antibacterial Surfaces. , 2015, , 1-8.		1
157	Australian Colloid and Surface Science in 2007. Australian Journal of Chemistry, 2007, 60, 627.	0.9	0
158	Modifications to surface chemistry and nanotopography of poly(ethylene terephthalate) by marine bacteria. , 2010, , .		0
159	Bacterial interactions with optical fibre surfaces. , 2010, , .		0
160	Metallic Superhydrophobic Surfaces. , 2015, , 87-111.		0
161	Wrinkled Topologies: Influence of Amorphous, Carbonâ€Đerived Wrinkled Surface Topologies on the Colonization of Pseudomonas aeruginosa Bacteria (Adv. Mater. Interfaces 7/2019). Advanced Materials Interfaces, 2019, 6, 1970044.	3.7	0
162	Comparative Genomics of Pathogens. , 2010, , 73-91.		0