

Agneta Richter-Dahlfors

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

4,259
citations

201385

27
h-index

143772

57
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68
all docs

68
docs citations

68
times ranked

5315
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Properties Dictating Selective Optotracer Detection of <i>Staphylococcus aureus</i> . <i>ChemBioChem</i> , 2022, 23, .	1.3	5
2	Effect of anticoagulant and platelet inhibition on the risk of bacteremia among patients with acute pyelonephritis: a retrospective cohort study. <i>BMC Infectious Diseases</i> , 2022, 22, .	1.3	0
3	UPEC kidney infection triggers neuro-immune communication leading to modulation of local renal inflammation by splenic IFN γ . <i>PLoS Pathogens</i> , 2021, 17, e1009553.	2.1	2
4	An Organic Electrochemical Transistor to Monitor <i>Salmonella</i> Growth in Real-time. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100961.	1.9	7
5	A semi high-throughput method for real-time monitoring of curli producing <i>Salmonella</i> biofilms on air-solid interfaces. <i>Biofilm</i> , 2021, 3, 100060.	1.5	12
6	Optotracing for selective fluorescence-based detection, visualization and quantification of live <i>S. aureus</i> in real-time. <i>Npj Biofilms and Microbiomes</i> , 2020, 6, 35.	2.9	9
7	A Cinematic View of Tissue Microbiology in the Live Infected Host. , 2020, , 315-324.		0
8	Bacterial Sensing and Biofilm Monitoring for Infection Diagnostics. <i>Macromolecular Bioscience</i> , 2020, 20, e2000129.	2.1	19
9	Nitrate Metabolism Modulates Biosynthesis of Biofilm Components in Uropathogenic <i>Escherichia coli</i> and Acts as a Fitness Factor During Experimental Urinary Tract Infection. <i>Frontiers in Microbiology</i> , 2020, 11, 26.	1.5	26
10	Cellulose from the green macroalgae <i>Ulva lactuca</i> : isolation, characterization, optotracing, and production of cellulose nanofibrils. <i>Cellulose</i> , 2020, 27, 3707-3725.	2.4	91
11	Electrochemical sensing of bacteria via secreted redox active compounds using conducting polymers. <i>Sensors and Actuators B: Chemical</i> , 2019, 297, 126703.	4.0	23
12	A Cinematic View of Tissue Microbiology in the Live Infected Host. <i>Microbiology Spectrum</i> , 2019, 7, .	1.2	0
13	Conjugated Oligo- and Polymers for Bacterial Sensing. <i>Frontiers in Chemistry</i> , 2019, 7, 265.	1.8	13
14	Stereochemical identification of glucans by a donor-acceptor-donor conjugated pentamer enables multi-carbohydrate anatomical mapping in plant tissues. <i>Cellulose</i> , 2019, 26, 4253-4264.	2.4	15
15	High Resolution Intravital Imaging of the Renal Immune Response to Injury and Infection in Mice. <i>Frontiers in Immunology</i> , 2019, 10, 2744.	2.2	11
16	Stereochemical identification of glucans by oligothiophenes enables cellulose anatomical mapping in plant tissues. <i>Scientific Reports</i> , 2018, 8, 3108.	1.6	17
17	Protective vascular coagulation in response to bacterial infection of the kidney is regulated by bacterial lipid A and host CD147. <i>Pathogens and Disease</i> , 2018, 76, .	0.8	17
18	Protective vascular coagulation in response to bacterial infection of the kidney is regulated by bacterial lipid A and host CD147. <i>Pathogens and Disease</i> , 2018, , .	0.8	16

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19	Rapid diagnostic assay for detection of cellulose in urine as biomarker for biofilm-related urinary tract infections. <i>Npj Biofilms and Microbiomes</i> , 2018, 4, 26.	2.9	20
20	Rapid Phenotypic Antibiotic Susceptibility Testing of Uropathogens Using Optical Signal Analysis on the Nanowell Slide. <i>Frontiers in Microbiology</i> , 2018, 9, 1530.	1.5	19
21	A universal platform for selection and high-resolution phenotypic screening of bacterial mutants using the nanowell slide. <i>Lab on A Chip</i> , 2018, 18, 1767-1777.	3.1	6
22	Organic bioelectronics in medicine. <i>Journal of Internal Medicine</i> , 2017, 282, 24-36.	2.7	35
23	Redox-active conducting polymers modulate <i>Salmonella</i> biofilm formation by controlling availability of electron acceptors. <i>Npj Biofilms and Microbiomes</i> , 2017, 3, 19.	2.9	31
24	Electroenhanced Antimicrobial Coating Based on Conjugated Polymers with Covalently Coupled Silver Nanoparticles Prevents <i>Staphylococcus aureus</i> Biofilm Formation. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700435.	3.9	26
25	Integrated Pathophysiology of Pyelonephritis. , 2016, , 503-522.		0
26	Electrochemically triggered release of acetylcholine from scCO ₂ impregnated conductive polymer films evokes intracellular Ca ²⁺ signaling in neurotypic SH-SY5Y cells. <i>Journal of Controlled Release</i> , 2016, 243, 283-290.	4.8	23
27	Real-time optotracing of curli and cellulose in live <i>Salmonella</i> biofilms using luminescent oligothiophenes. <i>Npj Biofilms and Microbiomes</i> , 2016, 2, 16024.	2.9	42
28	Nondestructive, real-time determination and visualization of cellulose, hemicellulose and lignin by luminescent oligothiophenes. <i>Scientific Reports</i> , 2016, 6, 35578.	1.6	34
29	Organic Bioelectronics. , 2016, , 3110-3118.		0
30	Integrated Pathophysiology of Pyelonephritis. <i>Microbiology Spectrum</i> , 2015, 3, .	1.2	4
31	Organic Bioelectronic Tools for Biomedical Applications. <i>Electronics (Switzerland)</i> , 2015, 4, 879-908.	1.8	44
32	Organic bioelectronics in infection. <i>Journal of Materials Chemistry B</i> , 2015, 3, 4979-4992.	2.9	19
33	An organic electronic biomimetic neuron enables auto-regulated neuromodulation. <i>Biosensors and Bioelectronics</i> , 2015, 71, 359-364.	5.3	44
34	Phase angle spectroscopy on transparent conducting polymer electrodes for real-time measurement of epithelial barrier integrity. <i>Journal of Materials Chemistry B</i> , 2015, 3, 4997-5000.	2.9	9
35	Bacterial Nanoscale Cultures for Phenotypic Multiplexed Antibiotic Susceptibility Testing. <i>Journal of Clinical Microbiology</i> , 2014, 52, 3310-3317.	1.8	29
36	Biomimetic Interfaces Reveal Activation Dynamics of Ca ²⁺ Reactive Protein in Local Microenvironments. <i>Advanced Healthcare Materials</i> , 2014, 3, 1733-1738.	3.9	31

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37	Organic bioelectronics for electronic-to-chemical translation in modulation of neuronal signaling and machine-to-brain interfacing. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 4334-4344.	1.1	45
38	Swedish Medical Nanoscience Center at Karolinska Institutet. <i>Nanotechnology Reviews</i> , 2012, 1, .	2.6	0
39	Intravital models of infection lay the foundation for tissue microbiology. <i>Future Microbiology</i> , 2012, 7, 519-533.	1.0	8
40	Tissue microbiology provides a coherent picture of infection. <i>Current Opinion in Microbiology</i> , 2012, 15, 15-22.	2.3	25
41	The biocompatibility and antibacterial properties of collagen-stabilized, photochemically prepared silver nanoparticles. <i>Biomaterials</i> , 2012, 33, 4947-4956.	5.7	200
42	Organic bioelectronics in nanomedicine. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2011, 1810, 276-285.	1.1	112
43	Electronic Control of Cell Detachment Using a Self-Doped Conducting Polymer. <i>Advanced Materials</i> , 2011, 23, 4403-4408.	11.1	107
44	Uropathogenic <i>Escherichia coli</i> P and Type 1 Fimbriae Act in Synergy in a Living Host to Facilitate Renal Colonization Leading to Nephron Obstruction. <i>PLoS Pathogens</i> , 2011, 7, e1001298.	2.1	145
45	Precise Neurotransmitter-Mediated Communication with Neurons In Vitro and In Vivo Using Organic Electronics. <i>Journal of Biomechanical Science and Engineering</i> , 2010, 5, 208-217.	0.1	5
46	Ion bipolar junction transistors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 9929-9932.	3.3	125
47	An organic electronic ion pump to regulate intracellular signaling at high spatiotemporal resolution. , 2009, , .		8
48	Translating Electronic Currents to Precise Acetylcholine-Induced Neuronal Signaling Using an Organic Electrophoretic Delivery Device. <i>Advanced Materials</i> , 2009, 21, 4442-4446.	11.1	110
49	Active Control of Epithelial Cell-Density Gradients Grown Along the Channel of an Organic Electrochemical Transistor. <i>Advanced Materials</i> , 2009, 21, 4379-4382.	11.1	85
50	Electrochemical modulation of epithelia formation using conducting polymers. <i>Biomaterials</i> , 2009, 30, 6257-6264.	5.7	121
51	Organic electronics for precise delivery of neurotransmitters to modulate mammalian sensory function. <i>Nature Materials</i> , 2009, 8, 742-746.	13.3	314
52	Nano-fiber scaffold electrodes based on PEDOT for cell stimulation. <i>Sensors and Actuators B: Chemical</i> , 2009, 142, 451-456.	4.0	110
53	Real-time live imaging to study bacterial infections in vivo. <i>Current Opinion in Microbiology</i> , 2009, 12, 31-36.	2.3	21
54	Electronically controlled pH gradients and proton oscillations. <i>Organic Electronics</i> , 2008, 9, 303-309.	1.4	31

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55	Bacterial infection-mediated mucosal signalling induces local renal ischaemia as a defence against sepsis. Cellular Microbiology, 2008, 10, 1987-1998.	1.1	119
56	Organic Bioelectronics. Advanced Materials, 2007, 19, 3201-3213.	11.1	570
57	Electronic control of Ca ²⁺ signalling in neuronal cells using an organic electronic ion pump. Nature Materials, 2007, 6, 673-679.	13.3	352
58	Real-time studies of the progression of bacterial infections and immediate tissue responses in live animals. Cellular Microbiology, 2007, 9, 413-424.	1.1	95
59	Nanoscale features influence epithelial cell morphology and cytokine production. Biomaterials, 2003, 24, 3427-3436.	5.7	335
60	Structural requirements for TLR4-mediated LPS signalling: a biological role for LPS modifications. Microbes and Infection, 2003, 5, 1057-1063.	1.0	127
61	Induction of innate immune responses by Escherichia coli and purified lipopolysaccharide correlate with organ- and cell-specific expression of Toll-like receptors within the human urinary tract. Cellular Microbiology, 2001, 3, 153-158.	1.1	145
62	Î±-Haemolysin of uropathogenic E. coli induces Ca ²⁺ oscillations in renal epithelial cells. Nature, 2000, 405, 694-697.	13.7	238
63	Dynamic Imaging Technologies to Explore Infectious Processes at the Cellular, Tissue and Organ Level. , 0, , 251-277.		0
64	Membrane-Damaging Toxins: Family of RTX Toxins. , 0, , 203-214.		3