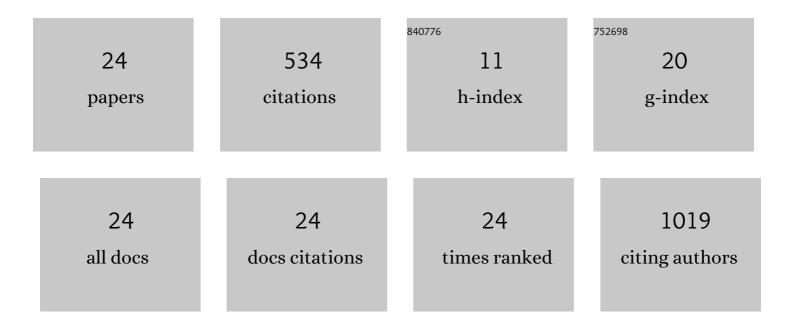
Mats Hulander

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5299388/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Protein-coated nanostructured surfaces affect the adhesion of <i>Escherichia coli</i> . Nanoscale, 2022, 14, 7736-7746.	5.6	11
2	Adhesion of Escherichia Coli to Nanostructured Surfaces and the Role of Type 1 Fimbriae. Nanomaterials, 2020, 10, 2247.	4.1	12
3	Effect of silica nano-spheres on adhesion of oral bacteria and human fibroblasts. Biomaterial Investigations in Dentistry, 2020, 7, 134-145.	1.8	5
4	Complete precipitate dissolution during adiabatic shear localisation in a Ni-based superalloy. Philosophical Magazine Letters, 2020, 100, 561-570.	1.2	7
5	Adsorption of Fibrinogen on Silica Surfaces—The Effect of Attached Nanoparticles. Biomolecules, 2020, 10, 413.	4.0	9
6	Formulation of polyphthalaldehyde microcapsules for immediate UV-light triggered release. Journal of Colloid and Interface Science, 2020, 579, 645-653.	9.4	21
7	Characterization Tools: Atom Probe Tomography for 3D Structural and Chemical Analysis of Individual Proteins (Small 24/2019). Small, 2019, 15, 1970130.	10.0	0
8	Influence of Fibrinogen on Staphylococcus epidermidis Adhesion Can Be Reversed by Tuning Surface Nanotopography. ACS Biomaterials Science and Engineering, 2019, 5, 4323-4330.	5.2	6
9	Atom Probe Tomography for 3D Structural and Chemical Analysis of Individual Proteins. Small, 2019, 15, e1900316.	10.0	13
10	Development of a photon induced drug-delivery implant coating. Materials Science and Engineering C, 2019, 98, 619-627.	7.3	13
11	Curvature-dependent effects of nanotopography on classical immune complement activation. Acta Biomaterialia, 2018, 74, 112-120.	8.3	11
12	The Effect of Iron on Dislocation Evolution in Model and Commercial Zirconium Alloys. , 2018, , 796-822.		3
13	In Situ Gold Nanoparticle Gradient Formation in a 3D Meso―and Macroporous Polymer Matrix. Macromolecular Rapid Communications, 2017, 38, 1700231.	3.9	6
14	The bone-implant interface of dental implants in humans on the atomic scale. Acta Biomaterialia, 2017, 48, 445-450.	8.3	46
15	Toward a Comprehensive Mechanistic Understanding of Hydrogen Uptake in Zirconium Alloys by Combining Atom Probe Analysis With Electronic Structure Calculations. , 2015, , 515-539.		3
16	Oxidation Mechanism in Zircaloy-2—The Effect of SPP Size Distribution. , 2015, , 373-403.		9
17	Role of nanostructured gold surfaces on monocyte activation and Staphylococcus epidermidis biofilm formation. International Journal of Nanomedicine, 2014, 9, 775.	6.7	31
18	Goldâ€Nanoparticleâ€Assisted Selfâ€Assembly of Chemical Gradients with Tunable Subâ€50 nm Molecular Domains. Particle and Particle Systems Characterization, 2014, 31, 209-218.	2.3	19

MATS HULANDER

#	Article	IF	CITATIONS
19	Immune complement activation is attenuated by surface nanotopography. International Journal of Nanomedicine, 2011, 6, 2653.	6.7	70
20	Multi-seasonal barnacle (<i>Balanus improvisus</i>) protection achieved by trace amounts of a macrocyclic lactone (ivermectin) included in rosin-based coatings. Biofouling, 2011, 27, 941-953.	2.2	33
21	Blood Interactions with Noble Metals: Coagulation and Immune Complement Activation. ACS Applied Materials & amp; Interfaces, 2009, 1, 1053-1062.	8.0	38
22	Fibrinogen Adsorption and Conformational Change on Model Polymers: Novel Aspects of Mutual Molecular Rearrangement. Langmuir, 2009, 25, 5602-5608.	3.5	65
23	Rubber additives induce oxidative stress in rainbow trout. Aquatic Toxicology, 2005, 75, 136-143.	4.0	25
24	BIOMARKER RESPONSES AND CHEMICAL ANALYSES IN FISH INDICATE LEAKAGE OF POLYCYCLIC AROMATIC HYDROCARBONS AND OTHER COMPOUNDS FROM CAR TIRE RUBBER. Environmental Toxicology and Chemistry, 2003, 22, 2926.	4.3	78