Morten Foss

List of Publications by Year
in descending order

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38	2,911	249298	355658
papers	citations	26 h-index	38 g-index

38	38	38	4965
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Post-treatments of polydopamine coatings influence cellular response. Colloids and Surfaces B: Biointerfaces, 2021, 207, 111972.	2.5	15
2	Synthesis of Nanoâ€•and Microâ€Scale Topographies by Combining Colloidal Lithography and Glancing Angle Deposition (GLAD). Advanced Engineering Materials, 2015, 17, 8-13.	1.6	8
3	Control of proliferation and osteogenic differentiation of human dental-pulp-derived stem cells by distinct surface structures. Acta Biomaterialia, 2014, 10, 641-650.	4.1	51
4	Whole-Genome Expression Analysis of Human Mesenchymal Stromal Cells Exposed to Ultrasmooth Tantalum vs. Titanium Oxide Surfaces. Cellular and Molecular Bioengineering, 2013, 6, 199-209.	1.0	4
5	Free radicals generated by tantalum implants antagonize the cytotoxic effect of doxorubicin. International Journal of Pharmaceutics, 2013, 448, 214-220.	2.6	6
6	Guidance of stem cell fate on 2D patterned surfaces. Biomaterials, 2012, 33, 6626-6633.	5.7	154
7	Interfacial Fibrin Polymerization and Fibrillation Kinetics Is Influenced by Nanoscale Roughness and Fibrinogen-Fibrin Cleavage in Solution. Journal of Physical Chemistry C, 2011, 115, 13617-13623.	1.5	10
8	Cell shape and spreading of stromal (mesenchymal) stem cells cultured on fibronectin coated gold and hydroxyapatite surfaces. Colloids and Surfaces B: Biointerfaces, 2011, 84, 18-25.	2.5	41
9	A Combinatorial Library of Microâ€Topographies and Chemical Compositions for Tailored Surface Wettability. Advanced Engineering Materials, 2011, 13, 516-524.	1.6	3
10	Osteopontin functionalization of hydroxyapatite nanoparticles in a PDLLA matrix promotes bone formation. Journal of Biomedical Materials Research - Part A, 2011, 99A, 94-101.	2.1	44
11	Nanoscale topography reduces fibroblast growth, focal adhesion size and migration-related gene expression on platinum surfaces. Colloids and Surfaces B: Biointerfaces, 2011, 85, 189-197.	2.5	60
12	Growth characteristics of inclined columns produced by Glancing Angle Deposition (GLAD) and colloidal lithography. Applied Surface Science, 2011, 257, 2226-2230.	3.1	26
13	The adsorption characteristics of osteopontin on hydroxyapatite and gold. Materials Science and Engineering C, 2011, 31, 514-522.	3.8	4
14	Interaction of human mesenchymal stem cells with osteopontin coated hydroxyapatite surfaces. Colloids and Surfaces B: Biointerfaces, 2010, 75, 186-193.	2.5	38
15	Influence of nanoscale surface topography on protein adsorption and cellular response. Nano Today, 2010, 5, 66-78.	6.2	514
16	Hydroxyapatite nanoparticles in polyâ€<scp>D</scp>,<scp>L</scp>â€lactic acid coatings on porous titanium implants conducts bone formation. Journal of Biomedical Materials Research - Part A, 2010, 95A, 665-672.	2.1	36
17	Synthesis of Functional Nanomaterials via Colloidal Mask Templating and Glancing Angle Deposition (GLAD). Advanced Engineering Materials, 2010, 12, 899-905.	1.6	18
18	A combinatorial screening of human fibroblast responses on micro-structured surfaces. Biomaterials, 2010, 31, 9182-9191.	5.7	70

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19	Fibronectin Adsorption, Cell Adhesion, and Proliferation on Nanostructured Tantalum Surfaces. ACS Nano, 2010, 4, 2874-2882.	7.3	163
20	Responses of fibroblasts and glial cells to nanostructured platinum surfaces. Nanotechnology, 2009, 20, 385103.	1.3	42
21	The use of combinatorial topographical libraries for the screening of enhanced osteogenic expression and mineralization. Biomaterials, 2009, 30, 2015-2022.	5.7	117
22	Enhanced Surface Activation of Fibronectin upon Adsorption on Hydroxyapatite. Langmuir, 2009, 25, 2971-2978.	1.6	74
23	Influence of Nanoroughness and Detailed Surface Morphology on Structural Properties and Water-Coupling Capabilities of Surface-Bound Fibrinogen Films. Journal of Physical Chemistry C, 2009, 113, 4406-4412.	1.5	37
24	Extracellular matrix remodelling during cell adhesion monitored by the quartz crystal microbalance. Biomaterials, 2008, 29, 2581-2587.	5.7	59
25	Bovine serum albumin adsorption on nano-rough platinum surfaces studied by QCM-D. Colloids and Surfaces B: Biointerfaces, 2008, 66, 53-59.	2.5	140
26	Investigation of particleâ€functionalized tissue engineering scaffolds using Xâ€ray tomographic microscopy. Biotechnology and Bioengineering, 2008, 100, 820-829.	1.7	6
27	Fibronectin adsorption on gold, Ti-, and Ta-oxide investigated by QCM-D and RSA modelling. Journal of Colloid and Interface Science, 2008, 320, 110-116.	5.0	73
28	Fibronectin Adsorption on Tantalum: The Influence of Nanoroughness. Journal of Physical Chemistry B, 2008, 112, 8241-8249.	1.2	102
29	Influence of surface roughness on quartz crystal microbalance measurements in liquids. Journal of Applied Physics, 2007, 101, 114502.	1.1	35
30	Enhancement of Protein Adsorption Induced by Surface Roughness. Langmuir, 2006, 22, 10885-10888.	1.6	503
31	Nanostructure of the neurocentral growth plate: Insight from scanning small angle X-ray scattering, atomic force microscopy and scanning electron microscopy. Bone, 2006, 39, 530-541.	1.4	19
32	Monitoring cell adhesion on tantalum and oxidised polystyrene using a quartz crystal microbalance with dissipation. Biomaterials, 2006, 27, 4529-4537.	5.7	101
33	QCM-D studies of attachment and differential spreading of pre-osteoblastic cells on Ta and Cr surfaces. Biomaterials, 2006, 27, 1346-1354.	5.7	97
34	Adsorption of fibrinogen on tantalum oxide, titanium oxide and gold studied by the QCM-D technique. Colloids and Surfaces B: Biointerfaces, 2005, 43, 208-215.	2.5	107
35	Sulfur induced Cu4 tetramers on Cu(111). Surface Science, 1997, 388, 5-14.	0.8	54
36	Sulfur chemisorption on Ni(111): The clock structure of the (5âˆš3Ã—2)S phase. Physical Review B, 1994, 50, 8950-8953.	1.1	41

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37	Deuterium-induced restructuring of Cu(100). Chemical Physics Letters, 1993, 215, 535-540.	1.2	20
38	X-ray diffraction investigation of the sulphur induced 4 Ã— 1 reconstruction of Ni(110). Surface Science, 1993, 296, 283-290.	0.8	19