Maud Gorbet

List of Publications by Year
in descending order

24 papers	934 citations	623734 14 h-index	642732 23 g-index
24 all docs	24 docs citations	24 times ranked	1743 citing authors

#	Article	IF	Citations
1	Endotoxin: The uninvited guest. Biomaterials, 2005, 26, 6811-6817.	11.4	330
2	The blood compatibility challenge. Part 3: Material associated activation of blood cascades and cells. Acta Biomaterialia, 2019, 94, 25-32.	8.3	81
3	Stirred, shaken, or stagnant: What goes on at the bloodâ€"biomaterial interface. Blood Reviews, 2017, 31, 11-21.	5.7	64
4	Medical devices on chips. Nature Biomedical Engineering, 2017, 1, .	22.5	53
5	Leukocyte activation and leukocyte procoagulant activities after blood contact with polystyrene and polyethylene glycolâ€"immobilized polystyrene beads. Translational Research, 2001, 137, 345-355.	2.3	52
6	Corneal epithelial cells exposed to shear stress show altered cytoskeleton and migratory behaviour. PLoS ONE, 2017, 12, e0178981.	2.5	45
7	Cell responses to metallic nanostructure arrays with complex geometries. Biomaterials, 2014, 35, 9363-9371.	11.4	37
8	The Noninflammatory Phenotype of Neutrophils From the Closed-Eye Environment: A Flow Cytometry Analysis of Receptor Expression. , 2015, 56, 4582.		34
9	Development of a Curved, Stratified, In Vitro Model to Assess Ocular Biocompatibility. PLoS ONE, 2014, 9, e96448.	2.5	33
10	Extended Latanoprost Release from Commercial Contact Lenses: In Vitro Studies Using Corneal Models. PLoS ONE, 2014, 9, e106653.	2.5	28
11	One-Pot Covalent Grafting of Gelatin on Poly(Vinyl Alcohol) Hydrogel to Enhance Endothelialization and Hemocompatibility for Synthetic Vascular Graft Applications. ACS Applied Bio Materials, 2020, 3, 693-703.	4.6	26
12	The effect of shear on inÂvitro platelet and leukocyte material-induced activation. Journal of Biomaterials Applications, 2013, 28, 407-415.	2.4	25
13	Human corneal epithelial cell response to substrate stiffness. Acta Biomaterialia, 2015, 11, 324-332.	8.3	24
14	Human Corneal Epithelial Cell Shedding and Fluorescein Staining in Response to Silicone Hydrogel Lenses and Contact Lens Disinfecting Solutions. Current Eye Research, 2014, 39, 245-256.	1.5	21
15	BloodSurf 2017: News from the blood-biomaterial frontier. Acta Biomaterialia, 2019, 87, 55-60.	8.3	21
16	Bayesian-based deconvolution fluorescence microscopy using dynamically updated nonstationary expectation estimates. Scientific Reports, 2015, 5, 10849.	3.3	13
17	The Impact of Silicone Hydrogelâ€"Solution Combinations on Corneal Epithelial Cells. Eye and Contact Lens, 2013, 39, 42-47.	1.6	10
18	Design and Development of an In Vitro Tear Replenishment System. Annals of Biomedical Engineering, 2014, 42, 1923-1931.	2.5	8

#	Article	IF	Citations
19	Coculture with intraocular lens material-activated macrophages induces an inflammatory phenotype in lens epithelial cells. Journal of Biomaterials Applications, 2015, 29, 1119-1132.	2.4	6
20	Impact of contact lens wear on epithelial alterations in keratoconus. Journal of Optometry, 2021, 14, 37-43.	1.3	6
21	Investigating the Effect of Blood Sample Volume in the Chandler Loop Model: Theoretical and Experimental Analysis. Cardiovascular Engineering and Technology, 2014, 5, 133-144.	1.6	5
22	The Effect of Closed-Eye Tear Film Conditions on Blood-Isolated Neutrophils, In Vitro. Ocular Immunology and Inflammation, 2018, 26, 706-716.	1.8	5
23	The Differential Reactive Oxygen Species Production of Tear Neutrophils in Response to Various Stimuli In Vitro. International Journal of Molecular Sciences, 2021, 22, 12899.	4.1	4
24	Investigation of the response of tear-film neutrophils to interleukin 8 and their sensitivity to centrifugation, fixation, and incubation. Scientific Reports, 2020, 10, 19690.	3.3	3