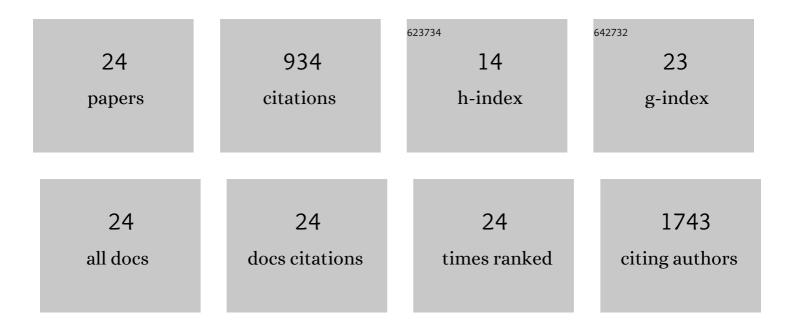
## Maud Gorbet

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5617049/publications.pdf Version: 2024-02-01



#	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 blood–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 glycol–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 Hydrogel–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

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#	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