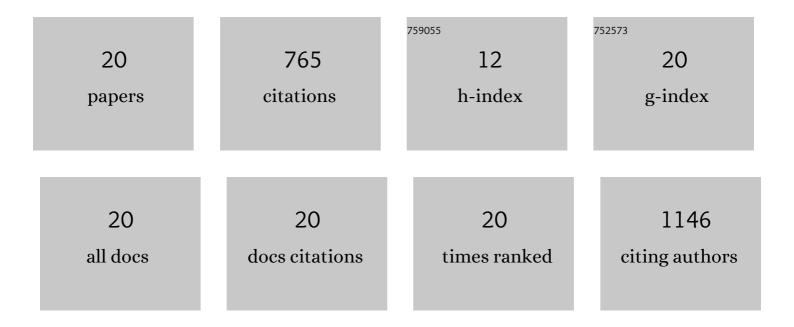
Roman Heuberger

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Reduced thrombogenicity of surface-treated Nitinol implants steered by altered protein adsorption. Acta Biomaterialia, 2022, 137, 331-345.	4.1	13
2	PEEK as a replacement for CoCrMo in knee prostheses: Pin-on-disc wear test of PEEK-on-polyethylene articulations. Biotribology, 2021, 27, 100189.	0.9	6
3	Shear resistance and composition of polyethylene protuberances from hip-simulating pin-on-disc wear tests. Biotribology, 2020, 23, 100139.	0.9	7
4	Grafting of calcium chelating functionalities onto PLA monofilament fiber surfaces. Biointerphases, 2020, 15, 011006.	0.6	2
5	Influence of UV irradiation and cold atmospheric pressure plasma on zirconia surfaces: an in vitro study. International Journal of Oral and Maxillofacial Implants, 2019, 34, 329-336.	0.6	20
6	Changes in surface characteristics of titanium and zirconia after surface treatment with ultraviolet light or nonâ€ŧhermal plasma. European Journal of Oral Sciences, 2018, 126, 126-134.	0.7	57
7	Photofunctionalization and non-thermal plasma activation of titanium surfaces. Clinical Oral Investigations, 2018, 22, 1045-1054.	1.4	46
8	Low metallic wear of dynamic intraligamentary stabilization. Tribology International, 2017, 109, 217-221.	3.0	1
9	Characterization and distribution of mechanically competent mineralized tissue in micropores of β-tricalcium phosphate bone substitutes. Materials Today, 2017, 20, 106-115.	8.3	81
10	Particles and Ions Generated in Total Hip Joint Prostheses: In Vitro Wear Test Results of UHMWPE and XLPE Acetabular Components. Tribology Letters, 2017, 65, 1.	1.2	7
11	Development of a Synthetic Synovial Fluid for Tribological Testing. Lubricants, 2015, 3, 664-686.	1.2	67
12	Effect of oxide layer modification of CoCr stent alloys on blood activation and endothelial behavior. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2015, 103, 629-640.	1.6	23
13	Chemical Functionalization of Bioceramics To Enhance Endothelial Cells Adhesion for Tissue Engineering. Journal of Medicinal Chemistry, 2012, 55, 7988-7997.	2.9	21
14	Micro- and nanostructured polymer substrates for biomedical applications. Proceedings of SPIE, 2012,	0.8	12
15	Acid and alkali etching of grit blasted zirconia: Impact on adhesion and osteogenic differentiation of MG63 cells in vitro. Dental Materials Journal, 2012, 31, 1097-1102.	0.8	10
16	Nanoparticle Synthesis and Growth in a Continuous Plasma Reactor from Organosilicon Precursors. Plasma Processes and Polymers, 2012, 9, 119-134.	1.6	20
17	Printability of calcium phosphate powders for three-dimensional printing of tissue engineering scaffolds. Acta Biomaterialia, 2012, 8, 373-385.	4.1	193
18	Reactivity of alkylated phosphorothionates with steel: a tribological and surfaceâ€analytical study. Lubrication Science, 2008, 20, 79-102.	0.9	27

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#	Article	IF	CITATIONS
19	XPS study of the influence of temperature on ZnDTP tribofilm composition. Tribology Letters, 2007, 25, 185-196.	1.2	97
20	Pressure Dependence of ZnDTP Tribochemical Film Formation: A Combinatorial Approach. Tribology Letters, 2007, 28, 209-222.	1.2	55