

# Martin Stolz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2745318/publications.pdf>

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8  
papers

1,116  
citations

1163117

8  
h-index

1588992

8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

1557  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic Elastic Modulus of Porcine Articular Cartilage Determined at Two Different Levels of Tissue Organization by Indentation-Type Atomic Force Microscopy. <i>Biophysical Journal</i> , 2004, 86, 3269-3283.	0.5	424
2	Early detection of aging cartilage and osteoarthritis in mice and patient samples using atomic force microscopy. <i>Nature Nanotechnology</i> , 2009, 4, 186-192.	31.5	391
3	Micro- and Nanomechanical Analysis of Articular Cartilage by Indentation-Type Atomic Force Microscopy: Validation with Gel-Microfiber Composite. <i>Biophysical Journal</i> , 2010, 98, 2731-2740.	0.5	154
4	Supramolecular Organization of Collagen Fibrils in Healthy and Osteoarthritic Human Knee and Hip Joint Cartilage. <i>PLoS ONE</i> , 2016, 11, e0163552.	2.5	65
5	Nanofibrous poly(3-hydroxybutyrate)/poly(3-hydroxyoctanoate) scaffolds provide a functional microenvironment for cartilage repair. <i>Journal of Biomaterials Applications</i> , 2016, 31, 77-91.	2.4	47
6	Aspirin-loaded P(3HO)/P(3HB) blend films: potential materials for biodegradable drug-eluting stents. <i>Bioinspired, Biomimetic and Nanobiomaterials</i> , 2013, 2, 141-153.	0.9	13
7	Calibration of colloidal probes with atomic force microscopy for micromechanical assessment. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 85, 225-236.	3.1	13
8	Genipin crosslinked chitosan/PEO nanofibrous scaffolds exhibiting an improved microenvironment for the regeneration of articular cartilage. <i>Journal of Biomaterials Applications</i> , 2021, 36, 503-516.	2.4	9