

# Pengfei Duan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4654900/publications.pdf>

Version: 2024-02-01

10  
papers

187  
citations

1478505

6  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

379  
citing authors

#	ARTICLE	IF	CITATIONS
1	Finite Element Analysis of the Nanomechanics of Hard Coatings on a Soft Polymer Substrate by a Spherical Indenter. <i>Advances in Polymer Technology</i> , 2020, 2020, 1-11.	1.7	3
2	Rheological Characterization of Agarose and Poloxamer 407 (P407) Based Hydrogels. <i>MRS Advances</i> , 2018, 3, 1719-1724.	0.9	6
3	Nanostructured titanium surfaces exhibit recalcitrance towards <i>Staphylococcus epidermidis</i> biofilm formation. <i>Scientific Reports</i> , 2018, 8, 1071.	3.3	97
4	How cell culture conditions affect the microstructure and nanomechanical properties of extracellular matrix formed by immortalized human mesenchymal stem cells: An experimental and modelling study. <i>Materials Science and Engineering C</i> , 2018, 89, 149-159.	7.3	15
5	Finite element modeling of nanoindentation response of elastic fiber-matrix composites. <i>Journal of Materials Research</i> , 2018, 33, 2494-2503.	2.6	9
6	Modelling the Nanomechanical Responses of Biofilms Grown on the Indenter Probe. <i>Processes</i> , 2018, 6, 84.	2.8	6
7	Rheological Characterization of Alginate Based Hydrogels for Tissue Engineering. <i>MRS Advances</i> , 2017, 2, 1309-1314.	0.9	22
8	Modelling the nanomechanical response of a micro particle-matrix system for nanoindentation tests. <i>Nanotechnology</i> , 2016, 27, 195703.	2.6	6
9	Nanomechanical and microstructure analysis of extracellular matrix layer of immortalized cell line Y201 from human mesenchymal stem cells. <i>Surface and Coatings Technology</i> , 2015, 284, 417-421.	4.8	9
10	Modeling the nanomechanical responses of biopolymer composites during the nanoindentation. <i>Thin Solid Films</i> , 2015, 596, 277-281.	1.8	14