

Vassilis Karageorgiou

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24
papers

8,709
citations

15
h-index

24
g-index

24
ext. papers

9,408
ext. citations

7.4
avg, IF

6.11
L-index

#	Paper	IF	Citations
24	Porosity of 3D biomaterial scaffolds and osteogenesis. <i>Biomaterials</i> , 2005 , 26, 5474-91	15.6	4445
23	The inflammatory responses to silk films in vitro and in vivo. <i>Biomaterials</i> , 2005 , 26, 147-55	15.6	636
22	Human bone marrow stromal cell responses on electrospun silk fibroin mats. <i>Biomaterials</i> , 2004 , 25, 1039-47	15.6	537
21	Water-Stable Silk Films with Reduced Sheet Content. <i>Advanced Functional Materials</i> , 2005 , 15, 1241-1247	15.6	487
20	Macrophage responses to silk. <i>Biomaterials</i> , 2003 , 24, 3079-85	15.6	445
19	Bone tissue engineering using human mesenchymal stem cells: effects of scaffold material and medium flow. <i>Annals of Biomedical Engineering</i> , 2004 , 32, 112-22	4.7	421
18	Engineering bone-like tissue in vitro using human bone marrow stem cells and silk scaffolds. <i>Journal of Biomedical Materials Research Part B</i> , 2004 , 71, 25-34		277
17	Human bone marrow stromal cell and ligament fibroblast responses on RGD-modified silk fibers. <i>Journal of Biomedical Materials Research Part B</i> , 2003 , 67, 559-70		274
16	Engineering cartilage-like tissue using human mesenchymal stem cells and silk protein scaffolds. <i>Biotechnology and Bioengineering</i> , 2004 , 88, 379-91	4.9	262
15	Bone morphogenetic protein-2 decorated silk fibroin films induce osteogenic differentiation of human bone marrow stromal cells. <i>Journal of Biomedical Materials Research Part B</i> , 2004 , 71, 528-37		258
14	Porous silk fibroin 3-D scaffolds for delivery of bone morphogenetic protein-2 in vitro and in vivo. <i>Journal of Biomedical Materials Research - Part A</i> , 2006 , 78, 324-34	5.4	185
13	RGD-functionalized bioengineered spider dragline silk biomaterial. <i>Biomacromolecules</i> , 2006 , 7, 3139-45	6.9	170
12	BMP-silk composite matrices heal critically sized femoral defects. <i>Bone</i> , 2007 , 41, 247-55	4.7	132
11	In vivo evidence of oral vaccination with PLGA nanoparticles containing the immunostimulant monophosphoryl lipid A. <i>Biomaterials</i> , 2011 , 32, 4052-7	15.6	111
10	Silk Fibroin Nanoparticles for Drug Delivery: Effect of Bovine Serum Albumin and Magnetic Nanoparticles Addition on Drug Encapsulation and Release. <i>Separations</i> , 2018 , 5, 25	3.1	19
9	In Vitro Digestion of caseinate and Tween 20 Emulsions. <i>Food Biophysics</i> , 2019 , 14, 60-68	3.2	11
8	Preparation of model starch complex hydrogels. <i>Food Hydrocolloids</i> , 2019 , 96, 365-372	10.6	10

7	Production of spray-dried starch molecular inclusion complexes on an industrial scale. <i>Food and Bioproducts Processing</i> , 2019 , 116, 186-195	4.9	9
6	Nanocarrier Aided Nasal Vaccination: An Experimental and Computational Approach. <i>Industrial & Engineering Chemistry Research</i> , 2011 , 50, 590-601	3.9	9
5	Parametric analysis of the spray drying process for the production of starch molecular inclusion complexes with fatty acids. <i>Drying Technology</i> , 2021 , 39, 580-595	2.6	4
4	Local Dynamics During the Mixing of Saliva with a Model Colloidal Food. <i>Food Biophysics</i> , 2017 , 12, 433-438	3.8	3
3	Spontaneous Oleofoams from Water-in-Oil Emulsions. <i>JAACS, Journal of the American Oil Chemists Society</i> , 2020 , 97, 243-252	1.8	2
2	Physical properties of starch-paracetamol molecular inclusion complexes produced by the spray drying process on an industrial scale. <i>Drying Technology</i> , 2020 , 1-18	2.6	2
1	Functional Characteristics and Physical Properties of Spray Dried Starch Inclusion Complexes with Drugs. <i>Starch/Staerke</i> , 2100176	2.3	0