

Adrian Boyd

List of Publications by Year in Descending Order

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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.

28

papers

709

citations

15

h-index

26

g-index

31

ext. papers

799

ext. citations

4.8

avg, IF

4.05

L-index

#	Paper	IF	Citations
28	Direct monitoring of single-cell response to biomaterials by Raman spectroscopy. <i>Journal of Materials Science: Materials in Medicine</i> , 2021 , 32, 148	4.5	0
27	The Direct 3D Printing of Functional PEEK/Hydroxyapatite Composites via a Fused Filament Fabrication Approach. <i>Polymers</i> , 2021 , 13,	4.5	13
26	Effects of strontium-substitution in sputter deposited calcium phosphate coatings on the rate of corrosion of magnesium alloys. <i>Surface and Coatings Technology</i> , 2021 , 421, 127446	4.4	5
25	The Surface Characterisation of Fused Filament Fabricated (FFF) 3D Printed PEEK/Hydroxyapatite Composites. <i>Polymers</i> , 2021 , 13,	4.5	2
24	The Surface Characterisation of Polyetheretherketone (PEEK) Modified via the Direct Sputter Deposition of Calcium Phosphate Thin Films. <i>Coatings</i> , 2020 , 10, 1088	2.9	8
23	Controlling Fluid Diffusion and Release through Mixed-Molecular-Weight Poly(ethylene) Glycol Diacrylate (PEGDA) Hydrogels. <i>Materials</i> , 2019 , 12,	3.5	10
22	The effect of fibre sizing on the modification of basalt fibre surface in preparation for bonding to polypropylene. <i>Applied Surface Science</i> , 2019 , 475, 435-445	6.7	17
21	Comparative study of surface properties of Mg-substituted hydroxyapatite bioceramic microspheres. <i>Journal of the European Ceramic Society</i> , 2018 , 38, 761-768	6	10
20	Osteoblastic differentiation of periodontal ligament stem cells on non-stoichiometric calcium phosphate and titanium surfaces. <i>Journal of Biomedical Materials Research - Part A</i> , 2017 , 105, 1692-1702	5.4	10
19	The deposition of strontium and zinc Co-substituted hydroxyapatite coatings. <i>Journal of Materials Science: Materials in Medicine</i> , 2017 , 28, 51	4.5	54
18	Strontium and zinc co-substituted nanophase hydroxyapatite. <i>Ceramics International</i> , 2017 , 43, 12070-12078	4.7	36
17	Strontium-substituted hydroxyapatite coatings deposited via a co-deposition sputter technique. <i>Materials Science and Engineering C</i> , 2015 , 46, 290-300	8.3	118
16	The deposition of strontium-substituted hydroxyapatite coatings. <i>Journal of Materials Science: Materials in Medicine</i> , 2015 , 26, 65	4.5	31
15	The influence of target stoichiometry on early cell adhesion of co-sputtered calcium-phosphate surfaces. <i>Journal of Materials Science: Materials in Medicine</i> , 2013 , 24, 2845-61	4.5	9
14	Titania nanotube porosity controls dissolution rate of sputter deposited calcium phosphate (CaP) thin film coatings. <i>RSC Advances</i> , 2013 , 3, 11263	3.7	9
13	Osteoblast-like cell response to calcium phosphate coating chemistry and morphology on etched silicon surfaces. <i>Journal of Materials Science: Materials in Medicine</i> , 2012 , 23, 835-51	4.5	10
12	Assessment of an osteoblast-like cell line as a model for human primary osteoblasts using Raman spectroscopy. <i>Analyst, The</i> , 2012 , 137, 1559-69	5	34

11	Sputter deposited bioceramic coatings: surface characterisation and initial protein adsorption studies using surface-MALDI-MS. <i>Journal of Materials Science: Materials in Medicine</i> , 2011 , 22, 71-84	4.5	19
10	Raman spectroscopy of primary bovine aortic endothelial cells: a comparison of single cell and cell cluster analysis. <i>Journal of Materials Science: Materials in Medicine</i> , 2011 , 22, 1923-30	4.5	21
9	Raman spectroscopic monitoring of the osteogenic differentiation of human mesenchymal stem cells. <i>Analyst, The</i> , 2011 , 136, 2471-81	5	50
8	Monitoring cellular behaviour using Raman spectroscopy for tissue engineering and regenerative medicine applications. <i>Journal of Materials Science: Materials in Medicine</i> , 2010 , 21, 2317-24	4.5	20
7	Influence of surface topography on osteoblast response to fibronectin coated calcium phosphate thin films. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010 , 78, 283-90	6	33
6	Surface modification of poly(epsilon-caprolactone) using a dielectric barrier discharge in atmospheric pressure glow discharge mode. <i>Acta Biomaterialia</i> , 2009 , 5, 2025-32	10.8	37
5	Effect of nanoscale topography on fibronectin adsorption to sputter deposited calcium phosphate thin films. <i>International Journal of Nano and Biomaterials</i> , 2008 , 1, 280	0.2	4
4	Characterisation of calcium phosphate/titanium dioxide hybrid coatings. <i>Journal of Materials Science: Materials in Medicine</i> , 2008 , 19, 485-98	4.5	22
3	Sputter deposition of calcium phosphate/titanium dioxide hybrid thin films. <i>Materials Science and Engineering C</i> , 2008 , 28, 228-236	8.3	40
2	Surface characterisation of the evolving nature of radio frequency (RF) magnetron sputter deposited calcium phosphate thin films after exposure to physiological solution. <i>Surface and Coatings Technology</i> , 2006 , 200, 6002-6013	4.4	76
1	THE INFLUENCE OF SUBSTRATE MORPHOLOGY ON THE STRUCTURE AND COMPOSITION OF RF SPUTTER DEPOSITED CALCIUM PHOSPHATE THIN FILMS 1999 ,		6