Nicola M Everitt

List of Publications by Year
in descending order

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38 papers	2,860 citations	361413 20 h-index	315739 38 g-index
39 all docs	39 docs citations	39 times ranked	2872 citing authors

#	Article	IF	Citations
1	Recombinant human collagen/chitosan-based soft hydrogels as biomaterials for soft tissue engineering. Materials Science and Engineering C, 2021, 121, 111846.	7.3	34
2	Using type III recombinant human collagen to construct a series of highly porous scaffolds for tissue regeneration. Colloids and Surfaces B: Biointerfaces, 2021, 208, 112139.	5.0	13
3	Organic Solar Cells Parameters Extraction and Characterization Techniques. Polymers, 2021, 13, 3224.	4.5	3
4	Valorisation of shrimp and rice straw waste into food packaging applications. Ain Shams Engineering Journal, 2020, 11, 1219-1226.	6.1	34
5	A cost-effective, analytical method for measuring metabolic load of mitochondria. Metabolism Open, 2019, 4, 100020.	2.9	6
6	Finite indentation of highly curved elastic shells. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2018, 474, 20170482.	2.1	5
7	The use of decellularised animal tissue to study disseminating cancer cells. Journal of Cell Science, 2018, 132, .	2.0	4
8	Mechanical Behavior Optimization of Chitosan Extracted from Shrimp Shells as a Sustainable Material for Shopping Bags. Journal of Functional Biomaterials, 2018, 9, 37.	4.4	7
9	Selective laser melting of aluminum alloys. MRS Bulletin, 2017, 42, 311-319.	3.5	88
10	Comparison of glutaraldehyde and procyanidin cross-linked scaffolds for soft tissue engineering. Materials Science and Engineering C, 2017, 80, 263-273.	7.3	38
11	The microstructure and mechanical properties of selectively laser melted AlSi10Mg: The effect of a conventional T6-like heat treatment. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2016, 667, 139-146.	5.6	478
12	Improving the fatigue behaviour of a selectively laser melted aluminium alloy: Influence of heat treatment and surface quality. Materials and Design, 2016, 104, 174-182.	7.0	240
13	On the formation of AlSi10Mg single tracks and layers in selective laser melting: Microstructure and nano-mechanical properties. Journal of Materials Processing Technology, 2016, 230, 88-98.	6.3	248
14	Nanoindentation Shows Uniform Local Mechanical Properties Across Melt Pools And Layers Produced By Selective Laser Melting Of AlSi 10Mg Alloy. Advanced Materials Letters, 2016, 7, 13-16.	0.6	15
15	Nano-hardness and microstructure of selective laser melted AlSi10Mg scan tracks. Proceedings of SPIE, 2015, , .	0.8	5
16	On the Precipitation Hardening of Selective Laser Melted AlSi10Mg. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2015, 46, 3337-3341.	2.2	220
17	Reducing porosity in AlSi10Mg parts processed by selective laser melting. Additive Manufacturing, 2014, 1-4, 77-86.	3.0	608
18	Low molecular weight Neutral Boron Dipyrromethene (Bodipy) dyads for fluorescence-based neural imaging. Journal of Molecular Structure, 2014, 1065-1066, 10-15.	3.6	3

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19	Looking for Links between Natural Fibresâ€™ Structures and Their Physical Properties. Conference Papers in Materials Science, 2013, 2013, 1-10.	0.1	14
20	A biomechanical model of anther opening reveals the roles of dehydration and secondary thickening. New Phytologist, 2012, 196, 1030-1037.	7.3	42
21	Mechanical properties of epidermal cells of whole living roots ofArabidopsis thaliana: An atomic force microscopy study. Physical Review E, 2012, 85, 021916.	2.1	54
22	High temperature nanoindentation â€“ the importance of isothermal contact. Philosophical Magazine, 2011, 91, 1221-1244.	1.6	65
23	A low-cost automated focusing system for time-lapse microscopy. Measurement Science and Technology, 2009, 20, 027003.	2.6	10
24	Characterisation of fretting-induced wear debris for Ti-6Al-4 V. Wear, 2009, 267, 283-291.	3.1	76
25	Cell adhesion and mechanical properties of a flexible scaffold for cardiac tissue engineering. Acta Biomaterialia, 2007, 3, 457-462.	8.3	99
26	Zonal release of proteins within tissue engineering scaffolds. Journal of Materials Science: Materials in Medicine, 2006, 17, 1049-1056.	3.6	37
27	Knoop microhardness anisotropy of the ovine radius. Journal of Biomechanics, 2000, 33, 1551-1557.	2.1	16
28	Microhardness anisotropy of lamellar bone. Journal of Biomechanics, 1997, 30, 1059-1061.	2.1	26
29	CVD diamond-coated fibres. Diamond and Related Materials, 1995, 4, 794-797.	3.9	35
30	In-situ mass spectrometric study of the gas-phase species involved in CVD of diamond as a function of filament temperature. Diamond and Related Materials, 1995, 4, 770-774.	3.9	30
31	Friction measurements on hot filament CVD diamond films deposited on etched tungsten carbide surfaces. Diamond and Related Materials, 1995, 4, 730-734.	3.9	13
32	Preparation of solid and hollow diamond fibres and the potential for diamond fibre metal matrix composites. Journal of Materials Science Letters, 1994, 13, 247-249.	0.5	17
33	CVD diamond growth on germanium for IR window applications. Diamond and Related Materials, 1994, 3, 939-941.	3.9	4
34	Thin film diamond by chemical vapour deposition methods. Chemical Society Reviews, 1994, 23, 21.	38.1	192
35	Comparison of two models of thin diamond film microhardness data to predict the hardness of CVD diamond. Diamond and Related Materials, 1994, 3, 783-786.	3.9	3
36	CVD diamond wires and tubes. Diamond and Related Materials, 1994, 3, 810-813.	3.9	47

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37	Deposition of diamond films on sapphire: studies of interfacial properties and patterning techniques. Diamond and Related Materials, 1994, 3, 1375-1380.	3.9	11
38	Diamond deposition in a hot-filament reactor using different hydrocarbon precursor gases. Applied Surface Science, 1993, 68, 299-305.	6.1	17