Ana Vidaurre

List of Publications by Year
in descending order

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47	1,008	471061 17	433756 31
papers	citations	h-index	g-index

47	47	47	1639
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Classification Predictive Model for Air Leak Detection in Endoworm Enteroscopy System. Sensors, 2022, 22, 5211.	2.1	0
2	Effectiveness of flip teaching on engineering students' performance in the physics lab. Computers and Education, 2020, 144, 103708.	5.1	26
3	Data set on the effectiveness of flip teaching on engineering students' performance in the physics lab compared to Traditional Methodology. Data in Brief, 2020, 28, 104915.	0.5	10
4	Production and enzymatic degradation of poly(Îµ-caprolactone)/graphene oxide composites. Materials Express, 2020, 10, 866-876.	0.2	6
5	Analysis of the â€˜Endowormâ€™ prototypeâ€™s ability to grip the bowel in in vitro and ex vivo models. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2020, 234, 468-477.	1.0	4
6	Poly(-caprolactone)/graphene oxide composite systems: A comparative study on hydrolytic degradation at extreme pH values. Materials Express, 2020, 10, 892-902.	0.2	5
7	EFFECT OF THE USE OF VIDEOS IN THE PRE-CLASS PREPARATION OF LABORATORY SESSIONS TAUGHT BY FLIP TEACHING. INTED Proceedings, 2020, , .	0.0	0
8	Morphology, Crystallinity, and Molecular Weight of Poly(Îµ-caprolactone)/Graphene Oxide Hybrids. Polymers, 2019, 11, 1099.	2.0	49
9	MEASURING INNOVATION EFFECTIVENESS BY MEANS OF A CONCEPTUAL TEST OF ELECTRICITY AND MAGNETISM. INTED Proceedings, 2019, , .	0.0	0
10	CASE STUDY ON PEER ASSESSMENT PERFORMED BY ENGINEERING FIRST YEAR STUDENTS. , 2019, , .		0
11	PERFORMANCE ANALYSIS BY BEMA OF ELECTRICITY AND MAGNETISM COURSES IN ENGINEERING DEGREES USING FLIP TEACHING METHODOLOGIES. , 2019, , .		0
12	Validation of Student Peer Assessment of Effective Oral Communication in Engineering Degrees. Revista Iberoamericana De Tecnologias Del Aprendizaje, 2018, 13, 11-16.	0.7	3
13	STUDENTSâ€™ PERCEPTION OF AUTO-SCORED ONLINE EXAMS IN BLENDED ASSESSMENT: FEEDBACK FOR IMPROVEMENT. EducaciÃ³n XXI, 2018, 21, .	0.3	2
14	Endoworm: A new semi-autonomous enteroscopy device. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2018, 232, 1137-1143.	1.0	3
15	STUDENTS' OPINION ABOUT A TEACHING MODEL BASED ON TEAM WORK, CONTINUOUS FORMATIVE EVALUATION AND FLIP TEACHING ORGANIZED THROUGH AN E-LEARNING PLATFORM. , 2018, , .		0
16	Fast degrading polymer networks based on carboxymethyl chitosan. Materials Today Communications, 2017, 10, 54-66.	0.9	7
17	Biodegradable chitosan-poly(Æ•caprolactone) dialdehyde copolymer networks for soft tissue engineering. Polymer Degradation and Stability, 2017, 138, 47-54.	2.7	12
18	Kinetic study of thermal degradation of chitosan as a function of deacetylation degree. Carbohydrate Polymers, 2017, 167, 52-58.	5.1	58

#	Article	IF	Citations
19	Synthesis of highly swellable hydrogels of water-soluble carboxymethyl chitosan and poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock	1.6	15
20	Local deformation in a hydrogel induced by an external magnetic field. Journal of Materials Science, 2016, 51, 9979-9990.	1.7	6
21	A comparative study on Poly(Îµ-caprolactone) film degradation at extreme pH values. Polymer Degradation and Stability, 2016, 130, 118-125.	2.7	72
22	POSSIBILITIES FOR COLLABORATIVE WORK: SEVERAL TEACHERS SHARING CLASSROOM SESSIONS. INTED Proceedings, 2016, , .	0.0	0
23	SCREENCAST VIDEOS AS A TOOL TO ENHANCE THE TEACHING OF PHYSICS. EDULEARN Proceedings, 2016, , .	0.0	0
24	Effects of hydroxyapatite filler on long-term hydrolytic degradation ofÂPLLA/PCL porous scaffolds. Polymer Degradation and Stability, 2015, 119, 121-131.	2.7	43
25	Determining the influence of N-acetylation on water sorption in chitosan films. Carbohydrate Polymers, 2015, 133, 110-116.	5.1	27
26	Online exams for blended assessment. Study of different application methodologies. Computers and Education, 2015, 81, 296-303.	5.1	39
27	Effect of neutralization and cross-linking on the thermal degradation of chitosan electrospun membranes. Journal of Thermal Analysis and Calorimetry, 2014, 117, 123-130.	2.0	14
28	Evolution of the properties of a poly(<scp>l</scp>â€lactic acid) scaffold with double porosity during in vitro degradation in a phosphateâ€buffered saline solution. Journal of Applied Polymer Science, 2014, 131, .	1.3	16
29	Study of the degradation of a new PLA braided biomaterial in buffer phosphate saline, basic and acid media, intended for the regeneration of tendons and ligaments. Polymer Degradation and Stability, 2013, 98, 1563-1570.	2.7	51
30	Biomimetic hydroxyapatite coating on pore walls improves osteointegration of poly(<scp>L</scp>â€lactic acid) scaffolds. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2013, 101B, 173-186.	1.6	61
31	Hydrolytic and enzymatic degradation of a poly(Îµ-caprolactone) network. Polymer Degradation and Stability, 2012, 97, 1241-1248.	2.7	137
32	Alkaline degradation study of linear and network poly(Îµ-caprolactone). Journal of Materials Science: Materials in Medicine, 2011, 22, 11-18.	1.7	31
33	Influence of the nature of the porous confining network on the sorption, diffusion and mechanical properties of hydrogel IPNs. European Polymer Journal, 2010, 46, 774-782.	2.6	14
34	Physical characterization of polycaprolactone scaffolds. Journal of Materials Science: Materials in Medicine, 2008, 19, 189-195.	1.7	79
35	Testing theoretical models of magnetic damping using an air track. European Journal of Physics, 2008, 29, 335-343.	0.3	12
36	Influence of Enzymatic Degradation on Physical Properties of Poly(Îµâ€caprolactone) Films and Sponges. Macromolecular Symposia, 2008, 269, 38-46.	0.4	19

#	Article	IF	Citations
37	Polymeric scaffolds with a double pore structure. Journal of Non-Crystalline Solids, 2007, 353, 1095-1100.	1.5	11
38	Characterisation of macroporous poly(methyl methacrylate) coated with plasma-polymerised poly(2-hydroxyethyl acrylate). European Polymer Journal, 2007, 43, 4552-4564.	2.6	35
39	Measuring coupled oscillations using an automated video analysis technique based on image recognition. European Journal of Physics, 2005, 26, 1149-1155.	0.3	26
40	‹title›Using 3D virtual environments to visualize wave interference phenomena‹/title›. , 2004, , .		0
41	Water sorption properties of poly(ethyl acrylate-co-hydroxyethyl methacrylate) macroporous hydrogels. Macromolecular Symposia, 2003, 200, 283-290.	0.4	5
42	Dynamic mechanical properties of polycarbonate and acrylonitrile-butadiene-styrene copolymer blends. Journal of Applied Polymer Science, 2002, 83, 1507-1516.	1.3	21
43	Contribution of digital simulation in visualizing physics processes. Computer Applications in Engineering Education, 2002, 10, 45-49.	2.2	19
44	Digital simulation of wave motion. Computer Applications in Engineering Education, 2002, 10, 161-166.	2.2	7
45	Hydrophilic sponges based on poly(hydroxyethyl acrylate). Journal of Non-Crystalline Solids, 2001, 287, 130-134.	1.5	9
46	Calorimetric study of the conformational relaxation times in polystyrene. Colloid and Polymer Science, 1999, 277, 1033-1040.	1.0	9
47	Structural Relaxation of Glass-Forming Polymers Based on an Equation for Configurational Entropy. 2. Structural Relaxation in Polymethacrylates. Macromolecules, 1995, 28, 5878-5885.	2.2	45