

# Joaquim Ciurana

## List of Publications by Citations

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132  
papers

3,748  
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32  
h-index

57  
g-index

140  
ext. papers

4,261  
ext. citations

4.2  
avg. IF

5.88  
L-index

#	Paper	IF	Citations
132	Chatter in machining processes: A review. <i>International Journal of Machine Tools and Manufacture</i> , <b>2011</b> , 51, 363-376	9.4	595
131	Biomedical production of implants by additive electro-chemical and physical processes. <i>CIRP Annals - Manufacturing Technology</i> , <b>2012</b> , 61, 635-655	4.9	215
130	Influence of process parameters on part quality and mechanical properties for DMLS and SLM with iron-based materials. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2012</b> , 60, 601-610	3.2	188
129	Neural Network Modeling and Particle Swarm Optimization (PSO) of Process Parameters in Pulsed Laser Micromachining of Hardened AISI H13 Steel. <i>Materials and Manufacturing Processes</i> , <b>2009</b> , 24, 358-368	4.1	143
128	Energy density analysis on single tracks formed by selective laser melting with CoCrMo powder material. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2013</b> , 68, 1103-1110	3.2	100
127	The first systematic analysis of 3D rapid prototyped poly( $\epsilon$ -caprolactone) scaffolds manufactured through BioCell printing: the effect of pore size and geometry on compressive mechanical behaviour and in vitro hMSC viability. <i>Biofabrication</i> , <b>2013</b> , 5, 045004	10.5	92
126	Optimization of process parameters for pulsed laser milling of micro-channels on AISI H13 tool steel. <i>Robotics and Computer-Integrated Manufacturing</i> , <b>2013</b> , 29, 209-218	9.2	80
125	Study of the Pore Formation on CoCrMo Alloys by Selective Laser Melting Manufacturing Process. <i>Procedia Engineering</i> , <b>2013</b> , 63, 361-369		78
124	Forming force and temperature effects on single point incremental forming of polyvinylchloride. <i>Journal of Materials Processing Technology</i> , <b>2015</b> , 219, 221-229	5.3	72
123	3D-Printed PCL/PLA Composite Stents: Towards a New Solution to Cardiovascular Problems. <i>Materials</i> , <b>2018</b> , 11,	3.5	72
122	Selecting Process Parameters in RepRap Additive Manufacturing System for PLA Scaffolds Manufacture. <i>Procedia CIRP</i> , <b>2013</b> , 5, 152-157	1.8	71
121	Surface roughness monitoring application based on artificial neural networks for ball-end milling operations. <i>Journal of Intelligent Manufacturing</i> , <b>2011</b> , 22, 607-617	6.7	71
120	An experimental analysis of process parameters to manufacture metallic micro-channels by micro-milling. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2010</b> , 51, 945-955	3.2	70
119	Three-dimensional printed bone scaffolds: The role of nano/micro-hydroxyapatite particles on the adhesion and differentiation of human mesenchymal stem cells. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , <b>2017</b> , 231, 555-564	1.7	69
118	Analyzing effects of cooling and lubrication conditions in micromilling of Ti6Al4V. <i>Journal of Cleaner Production</i> , <b>2015</b> , 87, 906-913	10.3	65
117	Springback determination of sheet metals in an air bending process based on an experimental work. <i>Journal of Materials Processing Technology</i> , <b>2007</b> , 191, 174-177	5.3	60
116	3D-printed bioabsorbable polycaprolactone stent: The effect of process parameters on its physical features. <i>Materials and Design</i> , <b>2018</b> , 137, 430-437	8.1	55

115	BioCell Printing: Integrated automated assembly system for tissue engineering constructs. <i>CIRP Annals - Manufacturing Technology</i> , <b>2011</b> , 60, 271-274	4.9	53
114	Surface Roughness Generation and Material Removal Rate in Ball End Milling Operations. <i>Materials and Manufacturing Processes</i> , <b>2010</b> , 25, 386-398	4.1	53
113	Influence of process parameters on surface quality of CoCrMo produced by selective laser melting. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2015</b> , 80, 985-995	3.2	50
112	Rapid tooling using 3D printing system for manufacturing of customized tracheal stent. <i>Rapid Prototyping Journal</i> , <b>2014</b> , 20, 2-12	3.8	50
111	Neural-network-based model for build-time estimation in selective laser sintering. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , <b>2009</b> , 223, 995-1003	2.4	43
110	Modeling pulsed laser micromachining of micro geometries using machine-learning techniques. <i>Journal of Intelligent Manufacturing</i> , <b>2015</b> , 26, 801-814	6.7	39
109	Sound mapping for identification of stability lobe diagrams in milling processes. <i>International Journal of Machine Tools and Manufacture</i> , <b>2009</b> , 49, 203-211	9.4	39
108	A new experimental methodology for identification of stability lobes diagram in milling operations. <i>International Journal of Machine Tools and Manufacture</i> , <b>2008</b> , 48, 1637-1645	9.4	39
107	Electrospinning PCL Scaffolds Manufacture for Three-Dimensional Breast Cancer Cell Culture. <i>Polymers</i> , <b>2017</b> , 9,	4.5	38
106	Modelling Power Consumption in Ball-End Milling Operations. <i>Materials and Manufacturing Processes</i> , <b>2011</b> , 26, 746-756	4.1	38
105	Scanning Space Analysis in Selective Laser Melting for CoCrMo Powder. <i>Procedia Engineering</i> , <b>2013</b> , 63, 370-378		36
104	Swarm Intelligent Selection and Optimization of Machining System Parameters for Microchannel Fabrication in Medical Devices. <i>Materials and Manufacturing Processes</i> , <b>2011</b> , 26, 403-414	4.1	36
103	Influence of Process Parameters and Electrode Geometry on Feature Micro-Accuracy in Electro Discharge Machining of Tool Steel. <i>Materials and Manufacturing Processes</i> , <b>2009</b> , 24, 1282-1289	4.1	35
102	Estimating the cost of vertical high-speed machining centres, a comparison between multiple regression analysis and the neural networks approach. <i>International Journal of Production Economics</i> , <b>2008</b> , 115, 171-178	9.3	34
101	Effect of process parameters in nanosecond pulsed laser micromachining of PMMA-based microchannels at near-infrared and ultraviolet wavelengths. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2013</b> , 67, 1651-1664	3.2	32
100	Breast Cancer Stem Cell Culture and Enrichment Using Poly(εCaprolactone) Scaffolds. <i>Molecules</i> , <b>2016</b> , 21, 537	4.8	29
99	Analytical expressions for chatter analysis in milling operations with one dominant mode. <i>Journal of Sound and Vibration</i> , <b>2016</b> , 375, 403-421	3.9	29
98	Influence of processing conditions on manufacturing polyamide parts by ultrasonic molding. <i>Materials and Design</i> , <b>2016</b> , 98, 20-30	8.1	28

97	Designing, prototyping and manufacturing medical devices: an overview. <i>International Journal of Computer Integrated Manufacturing</i> , <b>2014</b> , 27, 901-918	4.3	28
96	A model for integrating process planning and production planning and control in machining processes. <i>Robotics and Computer-Integrated Manufacturing</i> , <b>2008</b> , 24, 532-544	9.2	28
95	Design of a decision support system for machine tool selection based on machine characteristics and performance tests. <i>Journal of Intelligent Manufacturing</i> , <b>2011</b> , 22, 263-277	6.7	26
94	Comparison of forming manufacturing processes and selective laser melting technology based on the mechanical properties of products. <i>Virtual and Physical Prototyping</i> , <b>2011</b> , 6, 167-178	10.1	26
93	A decision support system for optimising the selection of parameters when planning milling operations. <i>International Journal of Machine Tools and Manufacture</i> , <b>2005</b> , 45, 201-210	9.4	25
92	Optimisation of face milling operations with structural chatter using a stability model based process planning methodology. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2014</b> , 70, 559-571	3.2	24
91	Optimization of photocrosslinkable resin components and 3D printing process parameters. <i>Acta Biomaterialia</i> , <b>2019</b> , 97, 154-161	10.8	23
90	Nanosecond pulsed laser micromachining of PMMA-based microfluidic channels. <i>Journal of Manufacturing Processes</i> , <b>2012</b> , 14, 435-442	5	23
89	Fibre laser cutting of polycaprolactone sheet for stents manufacturing: A feasibility study. <i>Optics and Laser Technology</i> , <b>2017</b> , 95, 113-123	4.2	22
88	Computer Fluid Dynamics Analysis for Efficient Cooling and Lubrication Conditions in Micromilling of Ti6Al4V Alloy. <i>Materials and Manufacturing Processes</i> , <b>2014</b> , 29, 1494-1501	4.1	22
87	Prediction, monitoring and control of surface roughness in high-torque milling machine operations. <i>International Journal of Computer Integrated Manufacturing</i> , <b>2012</b> , 25, 1129-1138	4.3	22
86	An approach to integrate manufacturing process information in part design phases. <i>Journal of Materials Processing Technology</i> , <b>2009</b> , 209, 2085-2091	5.3	22
85	Methodology for capturing and formalizing DFM Knowledge. <i>Robotics and Computer-Integrated Manufacturing</i> , <b>2010</b> , 26, 420-429	9.2	22
84	PLA Electrospun Scaffolds for Three-Dimensional Triple-Negative Breast Cancer Cell Culture. <i>Polymers</i> , <b>2019</b> , 11,	4.5	20
83	Fabrication of PCL/PLA Composite Tube for Stent Manufacturing. <i>Procedia CIRP</i> , <b>2017</b> , 65, 231-235	1.8	20
82	Cost estimation support tool for vertical high speed machines based on product characteristics and productivity requirements. <i>International Journal of Production Economics</i> , <b>2011</b> , 134, 188-195	9.3	20
81	Tool electrode geometry and process parameters influence on different feature geometry and surface quality in electrical discharge machining of AISI H13 steel. <i>Journal of Intelligent Manufacturing</i> , <b>2011</b> , 22, 575-584	6.7	20
80	Activity model and computer aided system for defining sheet metal process planning. <i>Journal of Materials Processing Technology</i> , <b>2006</b> , 173, 213-222	5.3	20

79	Dross formation and process parameters analysis of fibre laser cutting of stainless steel thin sheets. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2014</b> , 71, 1611-1621	3.2	19
78	Use of NC kernel data for surface roughness monitoring in milling operations. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2011</b> , 53, 953-962	3.2	19
77	Effects of the Selective Laser Melting manufacturing process on the properties of CoCrMo single tracks. <i>Metals and Materials International</i> , <b>2014</b> , 20, 873-884	2.4	18
76	A system for optimising cutting parameters when planning milling operations in high-speed machining. <i>Journal of Materials Processing Technology</i> , <b>2005</b> , 168, 25-35	5.3	18
75	Effects of different sterilization processes on the properties of a novel 3D-printed polycaprolactone stent. <i>Polymers for Advanced Technologies</i> , <b>2018</b> , 29, 2327-2335	3.2	18
74	Effect of fibre laser process on in-vitro degradation rate of a polycaprolactone stent a novel degradation study method. <i>Polymer Degradation and Stability</i> , <b>2017</b> , 142, 42-49	4.7	16
73	Integrated system approach to evaluate social, environmental and economics impacts of buildings for users of housings. <i>Energy and Buildings</i> , <b>2016</b> , 123, 106-118	7	16
72	Development of a scale of building construction systems according to CO 2 emissions in the use stage of their life cycle. <i>Building and Environment</i> , <b>2014</b> , 82, 618-627	6.5	16
71	An integrated parameterized tool for designing a customized tracheal stent. <i>CAD Computer Aided Design</i> , <b>2012</b> , 44, 1173-1181	2.9	16
70	Experimental analysis of dimensional error vs. cycle time in high-speed milling of aluminium alloy. <i>International Journal of Machine Tools and Manufacture</i> , <b>2007</b> , 47, 236-246	9.4	16
69	Screening of Additive Manufactured Scaffolds Designs for Triple Negative Breast Cancer 3D Cell Culture and Stem-Like Expansion. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	16
68	Geometrical feature analysis of Co-Cr-Mo single tracks after selective laser melting processing. <i>Rapid Prototyping Journal</i> , <b>2015</b> , 21, 287-300	3.8	15
67	Customized cranial implant manufactured by incremental sheet forming using a biocompatible polymer. <i>Rapid Prototyping Journal</i> , <b>2018</b> , 24, 120-129	3.8	15
66	Study of the Ultrasonic Molding Process Parameters for Manufacturing Polypropylene Parts. <i>Procedia Engineering</i> , <b>2015</b> , 132, 7-14		15
65	Improvement of surface roughness models for face milling operations through dimensionality reduction. <i>Integrated Computer-Aided Engineering</i> , <b>2012</b> , 19, 179-197	5.2	15
64	3D-printed Tubular Scaffolds for Vascular Tissue Engineering. <i>Procedia CIRP</i> , <b>2018</b> , 68, 352-357	1.8	15
63	Design of a Scaffold Parameter Selection System with Additive Manufacturing for a Biomedical Cell Culture. <i>Materials</i> , <b>2018</b> , 11,	3.5	15
62	Effect of the main process parameters on the mechanical strength of polyphenylsulfone (PPSU) in ultrasonic micro-moulding process. <i>Ultrasonics Sonochemistry</i> , <b>2018</b> , 46, 46-58	8.9	14

61	EGCG-Derivative G28 Shows High Efficacy Inhibiting the Mammosphere-Forming Capacity of Sensitive and Resistant TNBC Models. <i>Molecules</i> , <b>2019</b> , 24,	4.8	13
60	Multiobjective Optimization of Laser Milling Parameters of Microcavities for the Manufacturing of DES. <i>Materials and Manufacturing Processes</i> , <b>2013</b> , 28, 1370-1378	4.1	13
59	A system based on machined volumes to reduce the number of route sheets in process planning. <i>Computers in Industry</i> , <b>2003</b> , 51, 41-50	11.6	13
58	Productivity improvement through chatter-free milling in workshops. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , <b>2011</b> , 225, 1163-1174	2.4	12
57	Developing a simplified methodology to calculate Co2/m2 emissions per year in the use phase of newly-built, single-family houses. <i>Energy and Buildings</i> , <b>2015</b> , 109, 90-107	7	11
56	A decision-making tool based on decision trees for roughness prediction in face milling. <i>International Journal of Computer Integrated Manufacturing</i> , <b>2017</b> , 30, 943-957	4.3	11
55	Optimising process planning using groups of precedence between operations based on machined volumes. <i>Engineering Computations</i> , <b>2003</b> , 20, 67-81	1.4	11
54	Trends in Nanomaterials and Processing for Drug Delivery of Polyphenols in the Treatment of Cancer and Other Therapies. <i>Current Drug Targets</i> , <b>2017</b> , 18, 135-146	3	11
53	Characterizing Ultrasonic Micro-Molding Process of Polyetheretherketone (PEEK). <i>International Polymer Processing</i> , <b>2018</b> , 33, 442-452	1	10
52	Surface roughness prediction through internal kernel information and external accelerometers using artificial neural networks. <i>Journal of Mechanical Science and Technology</i> , <b>2011</b> , 25, 2877-2886	1.6	10
51	FRF Estimation through Sweep Milling Force Excitation (SMFE). <i>Procedia CIRP</i> , <b>2016</b> , 46, 504-507	1.8	9
50	A new application for food customization with additive manufacturing technologies <b>2012</b> ,		9
49	Random Forest ensemble prediction of stent dimensions in microfabrication processes. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2017</b> , 91, 879-893	3.2	8
48	Electrospinning Parameters Selection to Manufacture Polycaprolactone Scaffolds for Three-dimensional Breast Cancer Cell Culture and Enrichment. <i>Procedia CIRP</i> , <b>2017</b> , 65, 267-272	1.8	6
47	Methodology for analyzing the depth of sintering in the building platform <b>2011</b> , 495-498		6
46	Using kernel data in machine tools for the indirect evaluation of surface roughness in vertical milling operations. <i>Robotics and Computer-Integrated Manufacturing</i> , <b>2011</b> , 27, 1011-1018	9.2	6
45	Feasibility of manufacturing low aspect ratio parts of PLA by ultrasonic moulding technology. <i>Procedia Manufacturing</i> , <b>2017</b> , 13, 251-258	1.5	5
44	Process planning considerations for micromilling of mould cavities used in ultrasonic moulding technology. <i>Precision Engineering</i> , <b>2015</b> , 39, 252-260	2.9	4

43	Designing and Prototyping of New Device for Scapholunate Ligament Repair. <i>Procedia CIRP</i> , <b>2013</b> , 5, 270-275	1.8	4
42	Evaluation of machine-tool motion accuracy using a CNC machining center in micro-milling processes. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2015</b> , 76, 219-228	3.2	4
41	Influence of cutting parameters on cycle time, surface roughness, dimensional error and cutting forces in milling operations on aluminium 6082 sculptured surface geometry. <i>International Journal of Machining and Machinability of Materials</i> , <b>2010</b> , 8, 339	0.7	4
40	Concurrent Conceptual Evaluation of Tolerances Synthesis in Mechanical Design. <i>Concurrent Engineering Research and Applications</i> , <b>2011</b> , 19, 175-186	1.7	4
39	Influence of process parameters in the first melting layer of a building platform in a SLM machine <b>2011</b> , 499-502		4
38	Manufacture of PCL scaffolds through electrospinning technology to accommodate Triple Negative Breast Cancer cells culture. <i>Procedia CIRP</i> , <b>2020</b> , 89, 98-103	1.8	3
37	Stent Manufacturing Field: Past, Present, and Future Prospects <b>2019</b> ,		3
36	Machining processes time calculating tool integrated in computer aided process planning (CAPP) for small and medium enterprises (SMEs). <i>International Journal of Computer Integrated Manufacturing</i> , <b>2011</b> , 24, 40-52	4.3	3
35	Modelling manufacturing processes: a comparison between multiple regression analysis and the neural networks approach. <i>International Journal of Mechatronics and Manufacturing Systems</i> , <b>2010</b> , 3, 405	0.8	3
34	Input Parameters Determination for Predicting Ram Speed and Billet Temperature for the First Billet. <i>Key Engineering Materials</i> , <b>2008</b> , 367, 161-168	0.4	3
33	Springback and Geometry Prediction Using Neural Networks Applied to the Air Bending Process. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 470-475	0.9	3
32	Computer application to aid the unidirectional functional dimensioning and tolerancing synthesis. <i>Engineering Computations</i> , <b>2004</b> , 21, 455-469	1.4	3
31	Three-Dimensional Manufactured Supports for Breast Cancer Stem Cell Population Characterization. <i>Current Drug Targets</i> , <b>2019</b> , 20, 839-851	3	3
30	The effect of weld line on tensile strength of polyphenylsulfone (PPSU) in ultrasonic micro-moulding technology. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2019</b> , 103, 2391-2400	3.2	2
29	Thermal model for curing implantable silicone in the moulding process applied to tracheal stents. <i>Applied Thermal Engineering</i> , <b>2015</b> , 75, 1001-1010	5.8	2
28	Selective Laser Sintering <b>2019</b> , 481-499		2
27	Cutting Tool Selection through Tool Wear, Cost, Power Consumption and Surface Roughness Analyses. <i>Advanced Materials Research</i> , <b>2012</b> , 498, 55-60	0.5	2
26	An experimental analysis of process parameters for the milling of micro-channels in biomaterials. <i>International Journal of Mechatronics and Manufacturing Systems</i> , <b>2012</b> , 5, 46	0.8	2

25	Decision support tool for blank selection in workshop machining processes. <i>Engineering Computations</i> , <b>2008</b> , 25, 140-154	1.4	2
24	Implementation of unidirectional functional dimensioning and tolerancing algorithm in CAD systems. <i>Journal of Manufacturing Technology Management</i> , <b>2003</b> , 14, 468-476		2
23	Continuous Based Direct Ink Write for Tubular Cardiovascular Medical Devices. <i>Polymers</i> , <b>2020</b> , 13,	4.5	2
22	Cancer Cell Direct Bioprinting: A Focused Review. <i>Micromachines</i> , <b>2021</b> , 12,	3.3	2
21	Minimum Quantity Lubrication in Fibre Laser Processing For Permanent Stents Manufacturing. <i>Procedia Manufacturing</i> , <b>2019</b> , 41, 492-499	1.5	2
20	Electrospun Tubular Scaffold for Stenting Application: A Proof of Concept. <i>Procedia Manufacturing</i> , <b>2019</b> , 41, 312-319	1.5	2
19	Laser micro-welding of AZ92A magnesium wires using a fiber-laser: a preliminary study. <i>Procedia CIRP</i> , <b>2020</b> , 89, 33-38	1.8	1
18	Modelling Laser Milling of Microcavities for the Manufacturing of DES with Ensembles. <i>Journal of Applied Mathematics</i> , <b>2014</b> , 2014, 1-15	1.1	1
17	A novel simplified 3D skull model to predict cranial fracture patterns. <i>International Journal of Computer Integrated Manufacturing</i> , <b>2014</b> , 27, 927-935	4.3	1
16	Experimental Introduction to Surface Roughness Parameters Measurement. <i>Materials Science Forum</i> , <b>2013</b> , 759, 63-71	0.4	1
15	New advances on tracheal stent manufacturing. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2013</b> , 46, 344-349		1
14	Experimental Analysis of Process Parameters to Manufacture Micro-Cavities by Micro-Milling. <i>Advanced Materials Research</i> , <b>2012</b> , 498, 91-96	0.5	1
13	Mechanical characterisation of metal material properties in additive layer processes. <i>International Journal of Mechatronics and Manufacturing Systems</i> , <b>2012</b> , 5, 189	0.8	1
12	Determining Curvature of Air Bent Parts by Digital Image Processing. <i>International Journal of Material Forming</i> , <b>2010</b> , 3, 105-108	2	1
11	Fatty acid synthase as a feasible biomarker for triple negative breast cancer stem cell subpopulation cultured on electrospun scaffolds. <i>Materials Today Bio</i> , <b>2021</b> , 12, 100155	9.9	1
10	Fatty Acid Synthase Inhibitor G28 Shows Anticancer Activity in EGFR Tyrosine Kinase Inhibitor Resistant Lung Adenocarcinoma Models. <i>Cancers</i> , <b>2020</b> , 12,	6.6	1
9	Polycaprolactone Electrospun Scaffolds Produce an Enrichment of Lung Cancer Stem Cells in Sensitive and Resistant EGFRm Lung Adenocarcinoma. <i>Cancers</i> , <b>2021</b> , 13,	6.6	1
8	New Opportunities and Challenges for Additive Manufacturing to Produce Biomedical Devices. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2013</b> , 46, 283-288		0



- 7 Spectrum Transmission Measurement of a Fiber Laser Beam in Polymethyl Metacrylate for Laser Sintering Processing. *Procedia Engineering*, **2015**, 132, 94-101
- 6 Interface tool for human communication to integrate psychophysical inputs with rapid manufacturing technologies. *International Journal of Computer Integrated Manufacturing*, **2010**, 23, 777-790
- 5 Experimental Introduction to Forced and Self-Excited Vibrations in Milling Processes and Identification of Stability Lobes Diagrams. *Materials Science Forum*, **2011**, 692, 24-32 0.4
- 4 Experimental Analysis of Laser Micro-Machining Process Parameters. *Materials Science Forum*, **2012**, 713, 67-72 0.4
- 3 Customizing Food with an Additive Manufacturing Technology. *Materials Science Forum*, **2012**, 713, 43-48 0.4
- 2 Real bifurcated vascular grafts manufacturing for tissue engineering. *Procedia CIRP*, **2020**, 89, 92-97 1.8
- 1 New method for medical devices design and manufacture: Case study of a biphosphonate implant. *Advances in Mechanical Engineering*, **2016**, 8, 168781401667254 1.2