

Alida Mazzoli

List of Publications by Year in descending order

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35
papers

1,242
citations

623734

14
h-index

552781

26
g-index

36
all docs

36
docs citations

36
times ranked

1818
citing authors

#	ARTICLE	IF	CITATIONS
1	Preliminary Considerations on the Design of Multi-layered Bone Scaffold for Laser-Based Printing. Lecture Notes in Electrical Engineering, 2022, , 195-204.	0.4	0
2	HoloLens 2 for Maxillofacial Surgery: A Preliminary Study. Lecture Notes in Mechanical Engineering, 2022, , 133-140.	0.4	3
3	Methodology for evaluating effects of mandibular advancement devices in treating OSAS. International Journal on Interactive Design and Manufacturing, 2021, 15, 91-94.	2.2	1
4	Evaluation of the Effects Caused by Mandibular Advancement Devices Using a Numerical Simulation Model. Lecture Notes in Mechanical Engineering, 2021, , 101-107.	0.4	0
5	Mechanical, durability, depolluting and electrical properties of multifunctional mortars prepared with commercial or waste carbon-based fillers. Construction and Building Materials, 2021, 283, 122768.	7.2	6
6	A Procedure for Designing Custom-Made Implants for Forehead Augmentation in People Suffering from Apert Syndrome. Journal of Medical Systems, 2020, 44, 146.	3.6	10
7	Comparison of the Effects Caused by Three Different Mandibular Advancement Devices on the Periodontal Ligaments and Teeth for the Treatment of Osa: A Finite Element Model Study. Applied Sciences (Switzerland), 2020, 10, 6932.	2.5	6
8	Design of a Custom-Made Cranial Implant in Patients Suffering from Apert Syndrome. Proceedings of the Design Society International Conference on Engineering Design, 2019, 1, 709-718.	0.6	2
9	Selective laser sintered mould for orbital cavity reconstruction. Rapid Prototyping Journal, 2019, 25, 95-103.	3.2	9
10	Sustainability in Construction Materials: From Waste Valorization to Circular Economy. , 2019, , 279-296.		1
11	Preliminary simulation model toward the study of the effects caused by different mandibular advancement devices in OSAS treatment. Computer Methods in Biomechanics and Biomedical Engineering, 2018, 21, 693-702.	1.6	6
12	Binders alternative to Portland cement and waste management for sustainable constructionâ€”part 1. Journal of Applied Biomaterials and Functional Materials, 2018, 16, 186-202.	1.6	57
13	Binders alternative to Portland cement and waste management for sustainable construction â€” Part 2. Journal of Applied Biomaterials and Functional Materials, 2018, 16, 207-221.	1.6	45
14	Strength distribution on TMJ using mandibular advancement device for OSAS treatment: a finite element study. Dental Cadmos, 2018, 86, 757.	0.1	10
15	Use of MIMICSÂ® software in three-dimensional cephalometric evaluation of soft tissues of the face. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2017, 5, 3-15.	1.9	2
16	Orbital Wall Reconstruction by Selective Laser Sintered Mould. , 2017, , .		3
17	Shielding effectiveness statistical evaluation of random concrete composites. , 2016, , .		10
18	Characterization of lightweight mortars containing wood processing by-products waste. Construction and Building Materials, 2016, 123, 281-289.	7.2	85

#	ARTICLE	IF	CITATIONS
19	Selective laser sintering manufacturing of polycaprolactone bone scaffolds for applications in bone tissue engineering. <i>Rapid Prototyping Journal</i> , 2015, 21, 386-392.	3.2	49
20	Evaluation of the early-age-shrinkage of Fiber Reinforced Concrete (FRC) using image analysis methods. <i>Construction and Building Materials</i> , 2015, 101, 596-601.	7.2	70
21	Particle size, size distribution and morphological evaluation of glass fiber reinforced plastic (GRP) industrial by-product. <i>Micron</i> , 2014, 67, 169-178.	2.2	30
22	Selective laser sintering in biomedical engineering. <i>Medical and Biological Engineering and Computing</i> , 2013, 51, 245-256.	2.8	318
23	Particle size, size distribution and morphological evaluation of airborne dust particles of diverse woods by Scanning Electron Microscopy and image processing program. <i>Powder Technology</i> , 2012, 225, 65-71.	4.2	144
24	Mechanical behaviour and thermal conductivity of mortars containing waste rubber particles. <i>Materials & Design</i> , 2011, 32, 1646-1650.	5.1	115
25	Mechanical Behaviour and Thermal Conductivity of Mortars with Waste Plastic Particles. <i>Key Engineering Materials</i> , 2011, 466, 115-120.	0.4	7
26	A method for performance evaluation of RE/RP systems in dentistry. <i>Rapid Prototyping Journal</i> , 2010, 16, 345-355.	3.2	21
27	Preliminary results on the use of a noninvasive instrument for the evaluation of the depth of pigmented skin lesions: numerical simulations and experimental measurements. <i>Lasers in Medical Science</i> , 2010, 25, 403-410.	2.1	7
28	Palatal Volume Following Rapid Maxillary Expansion in Mixed Dentition. <i>Angle Orthodontist</i> , 2010, 80, 153-159.	2.4	37
29	Direct fabrication through electron beam melting technology of custom cranial implants designed in a PHANTOM-based haptic environment. <i>Materials & Design</i> , 2009, 30, 3186-3192.	5.1	74
30	DSP cement composites for electromagnetic shielding: practice and experimental analysis. , 2009, , .		4
31	Shielding effectiveness evaluation of densified-small-particles (DSP) cement composite. , 2008, , .		6
32	Application of Optical Digitizing Techniques to Evaluate the Shape Accuracy of Anatomical Models Derived From Computed Tomography Data. <i>Journal of Oral and Maxillofacial Surgery</i> , 2007, 65, 1410-1418.	1.2	22
33	Characterization of an aluminum-filled polyamide powder for applications in selective laser sintering. <i>Materials & Design</i> , 2007, 28, 993-1000.	5.1	82
34	Three-Dimensional Diagnosis and Visualization Supports in Orthodontics Based on Reverse Engineering and Solid Free-Form Fabrication Techniques. , 0, , .		0
35	Selection Of Suitable Materials And Manufacturing Of A Recyclable And Eco-Friendly Children's Footwear. , 0, , 289-294.		0