

# Davide Porrelli

## List of Publications by Year in descending order

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28  
papers

565  
citations

623699

14  
h-index

642715

23  
g-index

28  
all docs

28  
docs citations

28  
times ranked

806  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficacy of Alveolar Ridge Preservation after Maxillary Molar Extraction in Reducing Crestal Bone Resorption and Sinus Pneumatization: A Multicenter Prospective Case-Control Study. <i>BioMed Research International</i> , 2018, 2018, 1-9.	1.9	65
2	Antibacterial Electrospun Polycaprolactone Membranes Coated with Polysaccharides and Silver Nanoparticles for Guided Bone and Tissue Regeneration. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 17255-17267.	8.0	51
3	Polymeric wound dressings, an insight into polysaccharide-based electrospun membranes. <i>Applied Materials Today</i> , 2021, 24, 101148.	4.3	45
4	A Critical Review on the Production of Electrospun Nanofibres for Guided Bone Regeneration in Oral Surgery. <i>Nanomaterials</i> , 2020, 10, 16.	4.1	43
5	Blue laser light inhibits biofilm formation in vitro and in vivo by inducing oxidative stress. <i>Npj Biofilms and Microbiomes</i> , 2019, 5, 29.	6.4	40
6	Complex Coacervates between a Lactose-Modified Chitosan and Hyaluronic Acid as Radical-Scavenging Drug Carriers. <i>Biomacromolecules</i> , 2018, 19, 3936-3944.	5.4	37
7	Alginate-Hydroxyapatite Bone Scaffolds with Isotropic or Anisotropic Pore Structure: Material Properties and Biological Behavior. <i>Macromolecular Materials and Engineering</i> , 2015, 300, 989-1000.	3.6	29
8	Exploiting natural polysaccharides to enhance in vitro bio-constructs of primary neurons and progenitor cells. <i>Acta Biomaterialia</i> , 2018, 73, 285-301.	8.3	28
9	On the Correlation between the Microscopic Structure and Properties of Phosphate-Cross-Linked Chitosan Gels. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 10761-10770.	8.0	28
10	Mimicking mechanical response of natural tissues. Strain hardening induced by transient reticulation in lactose-modified chitosan (chitlac). <i>International Journal of Biological Macromolecules</i> , 2018, 106, 656-660.	7.5	21
11	Hyaluronic acid/lactose-modified chitosan electrospun wound dressings - Crosslinking and stability criticalities. <i>Carbohydrate Polymers</i> , 2022, 288, 119375.	10.2	21
12	Polyetheretherketone and titanium surface treatments to modify roughness and wettability - Improvement of bioactivity and antibacterial properties. <i>Journal of Materials Science and Technology</i> , 2021, 95, 213-224.	10.7	19
13	Three-Dimensional Bone Substitutes for Oral and Maxillofacial Surgery: Biological and Structural Characterization. <i>Journal of Functional Biomaterials</i> , 2018, 9, 62.	4.4	16
14	Reuse of Implant Healing Abutments: Comparative Evaluation of the Efficacy of Two Cleaning Procedures. <i>International Journal of Prosthodontics</i> , 2018, 31, 161-162.	1.7	15
15	Alginate bone scaffolds coated with a bioactive lactose modified chitosan for human dental pulp stem cells proliferation and differentiation. <i>Carbohydrate Polymers</i> , 2021, 273, 118610.	10.2	15
16	Trabecular bone porosity and pore size distribution in osteoporotic patients - A low field nuclear magnetic resonance and microcomputed tomography investigation. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 125, 104933.	3.1	15
17	Antibacterial-nanocomposite bone filler based on silver nanoparticles and polysaccharides. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e747-e759.	2.7	14
18	Surface properties of commercially available hydrophobic acrylic intraocular lenses: Comparative study. <i>Journal of Cataract and Refractive Surgery</i> , 2019, 45, 1330-1334.	1.5	14

#	ARTICLE	IF	CITATIONS
19	Tuning the Drug Release from Antibacterial Polycaprolactone/Rifampicin-Based Core-Shell Electrospun Membranes: A Proof of Concept. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 27599-27612.	8.0	11
20	Recycling alginate composites for thermal insulation. <i>Carbohydrate Polymers</i> , 2021, 251, 116995.	10.2	9
21	Evaluating the stability of extended-pour alginate impression materials by using an optical scanning and digital method. <i>Journal of Prosthetic Dentistry</i> , 2021, 125, 189.e1-189.e7.	2.8	7
22	Evaluation of concentration and dispersion of functionalized carbon nanotubes in aqueous media by means of Low Field Nuclear Magnetic Resonance. <i>Carbon</i> , 2017, 113, 387-394.	10.3	6
23	Retreatability of calcium silicate-based root canal sealer using reciprocating instrumentation with different irrigation activation techniques in single-rooted canals. <i>Australian Endodontic Journal</i> , 2022, 48, 415-422.	1.5	5
24	Ultrasonic Instrument Effects on Different Implant Surfaces: Profilometry, Energy-Dispersive X-ray Spectroscopy, and Microbiology In Vitro Study. <i>International Journal of Oral and Maxillofacial Implants</i> , 2021, 36, 520-528.	1.4	4
25	CBCT Radiological Features as Predictors of Nerve Injuries in Third Molar Extractions: Multicenter Prospective Study on a Northeastern Italian Population. <i>Dentistry Journal</i> , 2021, 9, 23.	2.3	3
26	Blood Wettability of Different Dental Implant Surfaces after Different Pre-Treatments: Ultrasonic Instrumentation, Platelet-Rich Fibrin Coating, and Acid Etching. An In Vitro Study. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1433.	2.5	2
27	Root-end resection with or without retrograde obturation after orthograde filling with two techniques: A micro-CT study. <i>Australian Endodontic Journal</i> , 2022, 48, 423-430.	1.5	2
28	In vitro study on conditioned dental root surfaces: evaluation of wettability, smear layer, and blood clot adhesion. <i>Quintessence International</i> , 2021, 52, 624-634.	0.4	0