

Tullio Genova

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

58
papers

1,019
citations

21
h-index

29
g-index

70
ext. papers

1,325
ext. citations

4.9
avg, IF

4.5
L-index

#	Paper	IF	Citations
58	Cytokine, chemokine, and growth factor profile of platelet-rich plasma. <i>Platelets</i> , 2016 , 27, 467-71	3.6	82
57	Plasma of Argon Affects the Earliest Biological Response of Different Implant Surfaces: An In Vitro Comparative Study. <i>Journal of Dental Research</i> , 2016 , 95, 566-73	8.1	61
56	Heme accumulation in endothelial cells impairs angiogenesis by triggering paraptosis. <i>Cell Death and Differentiation</i> , 2018 , 25, 573-588	12.7	52
55	TRPM8 inhibits endothelial cell migration via a non-channel function by trapping the small GTPase Rap1. <i>Journal of Cell Biology</i> , 2017 , 216, 2107-2130	7.3	51
54	Activation of P2X7 and P2Y11 purinergic receptors inhibits migration and normalizes tumor-derived endothelial cells via cAMP signaling. <i>Scientific Reports</i> , 2016 , 6, 32602	4.9	45
53	Advances on Bone Substitutes through 3D Bioprinting. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	42
52	Concentrated adipose tissue infusion for the treatment of knee osteoarthritis: clinical and histological observations. <i>International Orthopaedics</i> , 2019 , 43, 15-23	3.8	38
51	Multiple roles of protein kinase a in arachidonic acid-mediated Ca ²⁺ entry and tumor-derived human endothelial cell migration. <i>Molecular Cancer Research</i> , 2010 , 8, 1466-76	6.6	34
50	Plasma of Argon Increases Cell Attachment and Bacterial Decontamination on Different Implant Surfaces. <i>International Journal of Oral and Maxillofacial Implants</i> , 2017 , 32, 1315-1323	2.8	33
49	Nanoroughness, Surface Chemistry, and Drug Delivery Control by Atmospheric Plasma Jet on Implantable Devices. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 39512-39523	9.5	32
48	An alumina toughened zirconia composite for dental implant application: in vivo animal results. <i>BioMed Research International</i> , 2015 , 2015, 157360	3	31
47	Overcoming physical constraints in bone engineering: The importance of being vascularizedT <i>Journal of Biomaterials Applications</i> , 2016 , 30, 940-51	2.9	30
46	Cytokine, Chemokine, and Growth Factor Profile Characterization of Undifferentiated and Osteoinduced Human Adipose-Derived Stem Cells. <i>Stem Cells International</i> , 2017 , 2017, 6202783	5	29
45	Dextran-shelled oxygen-loaded nanodroplets reestablish a normoxia-like pro-angiogenic phenotype and behavior in hypoxic human dermal microvascular endothelium. <i>Toxicology and Applied Pharmacology</i> , 2015 , 288, 330-8	4.6	25
44	Adipose-Derived Stromal Vascular Fraction/Xenohybrid Bone Scaffold: An Alternative Source for Bone Regeneration. <i>Stem Cells International</i> , 2018 , 2018, 4126379	5	25
43	The Crosstalk Between Osteodifferentiating Stem Cells and Endothelial Cells Promotes Angiogenesis and Bone Formation. <i>Frontiers in Physiology</i> , 2019 , 10, 1291	4.6	25
42	Osteogenic Differentiation Modulates the Cytokine, Chemokine, and Growth Factor Profile of ASCs and SHED. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	24

41	In vitro characterization of two different atmospheric plasma jet chemical functionalizations of titanium surfaces. <i>Applied Surface Science</i> , 2017 , 409, 314-324	6.7	22
40	Differential sensitivity of prostate tumor derived endothelial cells to sorafenib and sunitinib. <i>BMC Cancer</i> , 2014 , 14, 939	4.8	22
39	The role of alumina-zirconia loading on the mechanical and biological properties of UHMWPE for biomedical applications. <i>Composites Part B: Engineering</i> , 2019 , 164, 800-808	10	21
38	Arachidonic Acid Evokes an Increase in Intracellular Ca Concentration and Nitric Oxide Production in Endothelial Cells from Human Brain Microcirculation. <i>Cells</i> , 2019 , 8,	7.9	21
37	Morphometric Changes Induced by Cold Argon Plasma Treatment on Osteoblasts Grown on Different Dental Implant Surfaces. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2017 , 37, 541-548	2.1	17
36	Purinergic Calcium Signals in Tumor-Derived Endothelium. <i>Cancers</i> , 2019 , 11,	6.6	15
35	Apical periodontitis: preliminary assessment of microbiota by 16S rRNA high throughput amplicon target sequencing. <i>BMC Oral Health</i> , 2018 , 18, 55	3.7	15
34	Transient Receptor Potential Channel Expression Signatures in Tumor-Derived Endothelial Cells: Functional Roles in Prostate Cancer Angiogenesis. <i>Cancers</i> , 2019 , 11,	6.6	15
33	Role of surface finishing on the in vitro biological properties of a silicon nitride/titanium nitride (Si3N4/TiN) composite. <i>Journal of Materials Science</i> , 2017 , 52, 467-477	4.3	15
32	Targeting Calcium Channels to Block Tumor Vascularization. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2012 , 8, 27-37	2.6	14
31	Targeting calcium channels to block tumor vascularization. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2013 , 8, 27-37	2.6	13
30	Hydrogenated amorphous silicon coatings may modulate gingival cell response. <i>Applied Surface Science</i> , 2018 , 436, 603-612	6.7	12
29	Nano-Pore Size of Alumina Affects Osteoblastic Response. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	12
28	The role of different dry-mixing techniques on the mechanical and biological behavior of UHMWPE/alumina-zirconia composites for biomedical applications. <i>European Polymer Journal</i> , 2019 , 120, 109274	5.2	12
27	Early Response of Fibroblasts and Epithelial Cells to Pink-Shaded Anodized Dental Implant Abutments: An In Vitro Study. <i>International Journal of Oral and Maxillofacial Implants</i> , 2018 , 33, 571-579	2.8	12
26	Plasma of argon enhances the adhesion of murine osteoblasts on different graft materials. <i>Annals of Anatomy</i> , 2018 , 218, 265-270	2.9	10
25	Effect of Bioactivation on Traditional Surfaces and Zirconium Nitride: Adhesion and Proliferation of Preosteoblastic Cells and Bacteria. <i>International Journal of Oral and Maxillofacial Implants</i> , 2018 , 33, 1247-1254 ¹⁰	2.8	10
24	Purinergic P2X7 Receptor: A Cation Channel Sensitive to Tumor Microenvironment. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2019 , 14, 32-38	2.6	9

23	Regulation of Vessel Permeability by TRP Channels. <i>Frontiers in Physiology</i> , 2020 , 11, 421	4.6	9
22	Fibroblast Interaction with Different Abutment Surfaces: In Vitro Study. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	9
21	Proanthocyanidins and Where to Find Them: A Meta-Analytic Approach to Investigate Their Chemistry, Biosynthesis, Distribution, and Effect on Human Health. <i>Antioxidants</i> , 2021 , 10,	7.1	9
20	The influence of bone-graft bio-functionalization with plasma of argon on bacterial contamination. <i>Journal of Biomedical Materials Research - Part A</i> , 2019 , 107, 67-70	5.4	8
19	Effects of argon plasma treatment on the osteoconductivity of bone grafting materials. <i>Clinical Oral Investigations</i> , 2020 , 24, 2611-2623	4.2	7
18	Bioactive Triterpenes of Gum Resin Extract Display Cholesterol-Lowering Potential. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	7
17	Targeting Metabolism to Counteract Tumor Angiogenesis: A Review of Patent Literature. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2018 , 13, 422-427	2.6	7
16	Surface bio-functionalization using plasma of argon could alter microbiological and topographic surface analysis of dental implants?. <i>Annals of Anatomy</i> , 2020 , 230, 151489	2.9	5
15	Biohybrid Bovine Bone Matrix for Controlled Release of Mesenchymal Stem/Stromal Cell Lyosecretome: A Device for Bone Regeneration. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
14	Comparative Evaluation of Different Chitosan Species and Derivatives as Candidate Biomaterials for Oxygen-Loaded Nanodroplet Formulations to Treat Chronic Wounds. <i>Marine Drugs</i> , 2021 , 19,	6	5
13	Influence of chitosan on the mechanical and biological properties of HDPE for biomedical applications. <i>Polymer Testing</i> , 2020 , 91, 106610	4.5	3
12	Oral Cavity as a Source of Mesenchymal Stem Cells Useful for Regenerative Medicine in Dentistry. <i>Biomedicines</i> , 2021 , 9,	4.8	3
11	MORPHEUS: An automated tool for unbiased and reproducible cell morphometry. <i>Journal of Cellular Physiology</i> , 2020 , 235, 10110-10115	7	2
10	Antimicrobial oxygen-loaded nanobubbles as promising tools to promote wound healing in hypoxic human keratinocytes.. <i>Toxicology Reports</i> , 2022 , 9, 154-162	4.8	2
9	Beta1-integrin and TRPV4 are involved in osteoblast adhesion to different titanium surface topographies. <i>Applied Surface Science</i> , 2020 , 507, 145112	6.7	2
8	Ceramic Biomaterials for Dental Implants: Current Use and Future Perspectives 2016 ,		2
7	Endothelial Cells Promote Osteogenesis by Establishing a Functional and Metabolic Coupling With Human Mesenchymal Stem Cells.. <i>Frontiers in Physiology</i> , 2021 , 12, 813547	4.6	1
6	Endothelial Heme Dynamics Drive Cancer Cell Metabolism by Shaping the Tumor Microenvironment. <i>Biomedicines</i> , 2021 , 9,	4.8	1

5	Isolation and Characterization of Buccal Fat Pad and Dental Pulp MSCs from the Same Donor. <i>Biomedicines</i> , 2021 , 9,	4.8	1
4	Early Biological Response of an Ultra-Hydrophilic Implant Surface Activated by Salts and Dry Technology: An In-Vitro Study. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 6120	2.6	1
3	P2X Purinergic Receptors Are Multisensory Detectors for Micro-Environmental Stimuli That Control Migration of Tumoral Endothelium. <i>Cancers</i> , 2022 , 14, 2743	6.6	1
2	Micro-CT processing effects on microscopic appearance of human fetal cardiac samples. <i>Legal Medicine</i> , 2021 , 53, 101934	1.9	0
1	Proanthocyanidin may improve the shear bond strength at the composites/dentine interface. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 2018 , 32, 1021-1025	0.7	