Tullio Genova

List of Publications by Year in Descending Order

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	Antimicrobial oxygen-loaded nanobubbles as promising tools to promote wound healing in hypoxic human keratinocytes.. *Toxicology Reports*, **2022**, 9, 154-162	4.8	2
57	P2X Purinergic Receptors Are Multisensory Detectors for Micro-Environmental Stimuli That Control Migration of Tumoral Endothelium. *Cancers*, **2022**, 14, 2743	6.6	1
56	Endothelial Cells Promote Osteogenesis by Establishing a Functional and Metabolic Coupling With Human Mesenchymal Stem Cells.. *Frontiers in Physiology*, **2021**, 12, 813547	4.6	1
55	Endothelial Heme Dynamics Drive Cancer Cell Metabolism by Shaping the Tumor Microenvironment. *Biomedicines*, **2021**, 9,	4.8	1
54	Isolation and Characterization of Buccal Fat Pad and Dental Pulp MSCs from the Same Donor. *Biomedicines*, **2021**, 9,	4.8	1
53	Bioactive Triterpenes of Gum Resin Extract Display Cholesterol-Lowering Potential. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	7
52	Biohybrid Bovine Bone Matrix for Controlled Release of Mesenchymal Stem/Stromal Cell Lyosecretome: A Device for Bone Regeneration. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	5
51	Early Biological Response of an Ultra-Hydrophilic Implant Surface Activated by Salts and Dry Technology: An In-Vitro Study. *Applied Sciences (Switzerland)*, **2021**, 11, 6120	2.6	1
50	Proanthocyanidins and Where to Find Them: A Meta-Analytic Approach to Investigate Their Chemistry, Biosynthesis, Distribution, and Effect on Human Health. *Antioxidants*, **2021**, 10,	7.1	9
49	Comparative Evaluation of Different Chitosan Species and Derivatives as Candidate Biomaterials for Oxygen-Loaded Nanodroplet Formulations to Treat Chronic Wounds. *Marine Drugs*, **2021**, 19,	6	5
48	Oral Cavity as a Source of Mesenchymal Stem Cells Useful for Regenerative Medicine in Dentistry. *Biomedicines*, **2021**, 9,	4.8	3
47	Micro-CT processing's effects on microscopic appearance of human fetal cardiac samples. *Legal Medicine*, **2021**, 53, 101934	1.9	0
46	Influence of chitosan on the mechanical and biological properties of HDPE for biomedical applications. *Polymer Testing*, **2020**, 91, 106610	4.5	3
45	Regulation of Vessel Permeability by TRP Channels. *Frontiers in Physiology*, **2020**, 11, 421	4.6	9
44	MORPHEUS: An automated tool for unbiased and reproducible cell morphometry. *Journal of Cellular Physiology*, **2020**, 235, 10110-10115	7	2
43	Surface bio-functionalization using plasma of argon could alter microbiological and topographic surface analysis of dental implants?. *Annals of Anatomy*, **2020**, 230, 151489	2.9	5
42	Fibroblast Interaction with Different Abutment Surfaces: In Vitro Study. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	9

41	Beta1-integrin and TRPV4 are involved in osteoblast adhesion to different titanium surface topographies. *Applied Surface Science*, **2020**, 507, 145112	6.7	2
40	Effects of argon plasma treatment on the osteoconductivity of bone grafting materials. *Clinical Oral Investigations*, **2020**, 24, 2611-2623	4.2	7
39	Advances on Bone Substitutes through 3D Bioprinting. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	42
38	The role of alumina-zirconia loading on the mechanical and biological properties of UHMWPE for biomedical applications. *Composites Part B: Engineering*, **2019**, 164, 800-808	10	21
37	Purinergic Calcium Signals in Tumor-Derived Endothelium. *Cancers*, **2019**, 11,	6.6	15
36	Purinergic P2X7 Receptor: A Cation Channel Sensitive to Tumor Microenvironment. *Recent Patents on Anti-Cancer Drug Discovery*, **2019**, 14, 32-38	2.6	9
35	Arachidonic Acid Evokes an Increase in Intracellular Ca Concentration and Nitric Oxide Production in Endothelial Cells from Human Brain Microcirculation. *Cells*, **2019**, 8,	7.9	21
34	Transient Receptor Potential Channel Expression Signatures in Tumor-Derived Endothelial Cells: Functional Roles in Prostate Cancer Angiogenesis. *Cancers*, **2019**, 11,	6.6	15
33	The role of different dry-mixing techniques on the mechanical and biological behavior of UHMWPE/alumina-zirconia composites for biomedical applications. *European Polymer Journal*, **2019** , 120, 109274	5.2	12
32	The Crosstalk Between Osteodifferentiating Stem Cells and Endothelial Cells Promotes Angiogenesis and Bone Formation. *Frontiers in Physiology*, **2019**, 10, 1291	4.6	25
31	The influence of bone-graft bio-functionalization with plasma of argon on bacterial contamination. *Journal of Biomedical Materials Research - Part A*, **2019**, 107, 67-70	5.4	8
30	Concentrated adipose tissue infusion for the treatment of knee osteoarthritis: clinical and histological observations. *International Orthopaedics*, **2019**, 43, 15-23	3.8	38
29	Hydrogenated amorphous silicon coatings may modulate gingival cell response. *Applied Surface Science*, **2018**, 436, 603-612	6.7	12
28	Plasma of argon enhances the adhesion of murine osteoblasts on different graft materials. *Annals of Anatomy*, **2018**, 218, 265-270	2.9	10
27	Adipose-Derived Stromal Vascular Fraction/Xenohybrid Bone Scaffold: An Alternative Source for Bone Regeneration. *Stem Cells International*, **2018**, 2018, 4126379	5	25
26	Nano-Pore Size of Alumina Affects Osteoblastic Response. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	12
25	Osteogenic Differentiation Modulates the Cytokine, Chemokine, and Growth Factor Profile of ASCs and SHED. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	24
24	Apical periodontitis: preliminary assessment of microbiota by 16S rRNA high throughput amplicon target sequencing. *BMC Oral Health*, **2018**, 18, 55	3.7	15

23	Heme accumulation in endothelial cells impairs angiogenesis by triggering paraptosis. *Cell Death and Differentiation*, **2018**, 25, 573-588	12.7	52
22	Effect of Bioactivation on Traditional Surfaces and Zirconium Nitride: Adhesion and Proliferation of Preosteoblastic Cells and Bacteria. *International Journal of Oral and Maxillofacial Implants*, **2018**, 33, 1247-1254	2.8	10
21	Targeting Metabolism to Counteract Tumor Angiogenesis: A Review of Patent Literature. *Recent Patents on Anti-Cancer Drug Discovery*, **2018**, 13, 422-427	2.6	7
20	Nanoroughness, Surface Chemistry, and Drug Delivery Control by Atmospheric Plasma Jet on Implantable Devices. *ACS Applied Materials & Interfaces*, **2018**, 10, 39512-39523	9.5	32
19	Early Response of Fibroblasts and Epithelial Cells to Pink-Shaded Anodized Dental Implant Abutments: An In Vitro Study. *International Journal of Oral and Maxillofacial Implants*, **2018**, 33, 571-579	2.8	12
18	Proanthocyanidin may improve the shear bond strength at the composites/dentine interface. *Journal of Biological Regulators and Homeostatic Agents*, **2018**, 32, 1021-1025	0.7	
17	In vitro characterization of two different atmospheric plasma jet chemical functionalizations of titanium surfaces. *Applied Surface Science*, **2017**, 409, 314-324	6.7	22
16	TRPM8 inhibits endothelial cell migration via a non-channel function by trapping the small GTPase Rap1. *Journal of Cell Biology*, **2017**, 216, 2107-2130	7.3	51
15	Plasma of Argon Increases Cell Attachment and Bacterial Decontamination on Different Implant Surfaces. *International Journal of Oral and Maxillofacial Implants*, **2017**, 32, 1315-1323	2.8	33
14	Cytokine, Chemokine, and Growth Factor Profile Characterization of Undifferentiated and Osteoinduced Human Adipose-Derived Stem Cells. *Stem Cells International*, **2017**, 2017, 6202783	5	29
13	Role of surface finishing on the in vitro biological properties of a silicon nitride□titanium nitride (Si3N4□TiN) composite. *Journal of Materials Science*, **2017**, 52, 467-477	4.3	15
12	Morphometric Changes Induced by Cold Argon Plasma Treatment on Osteoblasts Grown on Different Dental Implant Surfaces. *International Journal of Periodontics and Restorative Dentistry*, **2017**, 37, 541-548	2.1	17
11	Activation of P2X7 and P2Y11 purinergic receptors inhibits migration and normalizes tumor-derived endothelial cells via cAMP signaling. *Scientific Reports*, **2016**, 6, 32602	4.9	45
10	Overcoming physical constraints in bone engineering: □the importance of being vascularized□ *Journal of Biomaterials Applications*, **2016**, 30, 940-51	2.9	30
9	Plasma of Argon Affects the Earliest Biological Response of Different Implant Surfaces: An In Vitro Comparative Study. *Journal of Dental Research*, **2016**, 95, 566-73	8.1	61
8	Cytokine, chemokine, and growth factor profile of platelet-rich plasma. *Platelets*, **2016**, 27, 467-71	3.6	82
7	Ceramic Biomaterials for Dental Implants: Current Use and Future Perspectives **2016**,		2
6	Dextran-shelled oxygen-loaded nanodroplets reestablish a normoxia-like pro-angiogenic phenotype and behavior in hypoxic human dermal microvascular endothelium. *Toxicology and Applied Pharmacology*, **2015**, 288, 330-8	4.6	25

5	An alumina toughened zirconia composite for dental implant application: in vivo animal results. *BioMed Research International*, **2015**, 2015, 157360	3	31
4	Differential sensitivity of prostate tumor derived endothelial cells to sorafenib and sunitinib. *BMC Cancer*, **2014**, 14, 939	4.8	22
3	Targeting calcium channels to block tumor vascularization. *Recent Patents on Anti-Cancer Drug Discovery*, **2013**, 8, 27-37	2.6	13
2	Targeting Calcium Channels to Block Tumor Vascularization. *Recent Patents on Anti-Cancer Drug Discovery*, **2012**, 8, 27-37	2.6	14
1	Multiple roles of protein kinase a in arachidonic acid-mediated Ca2+ entry and tumor-derived human endothelial cell migration. *Molecular Cancer Research*, **2010**, 8, 1466-76	6.6	34