Bruna Corradetti

List of Publications by Year
in descending order

51 papers	1,740 citations	201674 27 h-index	276875 41 g-index
53 all docs	53 docs citations	53 times ranked	2659 citing authors

#	Article	IF	Citations
1	Evaluation of the osteoinductive potential of a bio-inspired scaffold mimicking the osteogenic niche for bone augmentation. Biomaterials, 2015, 62, 128-137.	11.4	145
2	Characterization and potential applications of progenitor-like cells isolated from horse amniotic membrane. Journal of Tissue Engineering and Regenerative Medicine, 2012, 6, 622-635.	2.7	92
3	Chondroitin Sulfate Immobilized on a Biomimetic Scaffold Modulates Inflammation While Driving Chondrogenesis. Stem Cells Translational Medicine, 2016, 5, 670-682.	3.3	76
4	Comparison of equine bone marrow-, umbilical cord matrix and amniotic fluid-derived progenitor cells. Veterinary Research Communications, 2011, 35, 103-121.	1.6	73
5	Investigating the efficacy of amnion-derived compared with bone marrowâ€“derived mesenchymal stromal cells in equine tendon and ligament injuries. Cytotherapy, 2013, 15, 1011-1020.	0.7	68
6	Mesenchymal stem cells from amnion and amniotic fluid in the bovine. Reproduction, 2013, 145, 391-400.	2.6	68
7	One-pot synthesis of pH-responsive hybrid nanogel particles for the intracellular delivery of small interfering RNA. Biomaterials, 2016, 87, 57-68.	11.4	67
8	Hyaluronic acid coatings as a simple and efficient approach to improve MSC homing toward the site of inflammation. Scientific Reports, 2017, 7, 7991.	3.3	64
9	Biomimetic collagenous scaffold to tune inflammation by targeting macrophages. Journal of Tissue Engineering, 2016, 7, 204173141562466.	5.5	62
10	Effects of platelet-rich plasma in a model of bovine endometrial inflammation in vitro. Reproductive Biology and Endocrinology, 2016, 14, 58.	3.3	57
11	Fetal adnexa derived stem cells from domestic animal: progress and perspectives. Theriogenology, 2011, 75, 1400-1415.	2.1	55
12	IL-4 Release from a Biomimetic Scaffold for the Temporally Controlled Modulation of Macrophage Response. Annals of Biomedical Engineering, 2016, 44, 2008-2019.	2.5	54
13	Size-sieved subpopulations of mesenchymal stem cells from intervascular and perivascular equine umbilical cord matrix. Cell Proliferation, 2011, 44, 330-342.	5.3	46
14	Equine Amniotic Microvesicles and Their Anti-Inflammatory Potential in a Tenocyte Model In Vitro. Stem Cells and Development, 2016, 25, 610-621.	2.1	46
15	Enhanced osteogenic potential of mesenchymal stem cells from cortical bone: a comparative analysis. Stem Cell Research and Therapy, 2015, 6, 203.	5.5	44
16	Microvesicles secreted from equine amniotic-derived cells and their potential role in reducing inflammation in endometrial cells in an in-vitro model. Stem Cell Research and Therapy, 2016, 7, 169.	5.5	43
17	Characteristics of equine mesenchymal stem cells derived from amnion and bone marrow: In vitro proliferative and multilineage potential assessment. Equine Veterinary Journal, 2013, 45, 737-744.	1.7	42
18	Bis-(2-ethylexhyl) phthalate impairs spermatogenesis in zebrafish (Danio rerio). Reproductive Biology, 2013, 13, 195-202.	1.9	42

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19	Amniotic Membrane-Derived Mesenchymal Cells and Their Conditioned Media: Potential Candidates for Uterine Regenerative Therapy in the Horse. PLoS ONE, 2014, 9, e111324.	2.5	41
20	Characterization and differentiation of equine tendon-derived progenitor cells. Journal of Biological Regulators and Homeostatic Agents, 2011, 25, S75-84.	0.7	40
21	Molecular characterization and in vitro differentiation of feline progenitor-like amniotic epithelial cells. Stem Cell Research and Therapy, 2013, 4, 133.	5.5	37
22	Immune (Cell) Derived Exosome Mimetics (IDEM) as a Treatment for Ovarian Cancer. Frontiers in Cell and Developmental Biology, 2020, 8, 553576.	3.7	37
23	Biomimetic immunomodulation strategies for effective tissue repair and restoration. Advanced Drug Delivery Reviews, 2021, 179, 113913.	13.7	37
24	Osteoprogenitor Cells from Bone Marrow and Cortical Bone: Understanding How the Environment Affects Their Fate. Stem Cells and Development, 2015, 24, 1112-1123.	2.1	31
25	Immune tuning scaffold for the local induction of a pro-regenerative environment. Scientific Reports, 2017, 7, 17030.	3.3	31
26	Neovascularized implantable cell homing encapsulation platform with tunable local immunosuppressant delivery for allogeneic cell transplantation. Biomaterials, 2020, 257, 120232.	11.4	31
27	Paracrine signalling events in embryonic stem cell renewal mediated by affinity targeted nanoparticles. Biomaterials, 2012, 33, 6634-6643.	11.4	30
28	Nanotechnology for mesenchymal stem cell therapies. Journal of Controlled Release, 2016, 240, 242-250.	9.9	29
29	Decreased hernia recurrence using autologous platelet-rich plasma (PRP) with Stratticeâ„¢ mesh in a rodent ventral hernia model. Surgical Endoscopy and Other Interventional Techniques, 2016, 30, 3239-3249.	2.4	25
30	Nanotechnology and Immunotherapy in Ovarian Cancer: Tracing New Landscapes. Journal of Pharmacology and Experimental Therapeutics, 2019, 370, 636-646.	2.5	24
31	Biomimetic Concealing of PLGA Microspheres in a 3D Scaffold to Prevent Macrophage Uptake. Small, 2016, 12, 1479-1488.	10.0	23
32	Tenogenic Differentiation of Equine Mesenchymal Progenitor Cells under Indirect Co-Culture. International Journal of Artificial Organs, 2012, 35, 996-1005.	1.4	22
33	Potential Avoidance of Adverse Analgesic Effects Using a Biologically â€œSmartâ€•Hydrogel Capable of Controlled Bupivacaine Release. Journal of Pharmaceutical Sciences, 2014, 103, 3724-3732.	3.3	22
34	Tenogenic differentiation of equine mesenchymal progenitor cells under indirect co-culture. International Journal of Artificial Organs, 2012, 35, 996-1005.	1.4	21
35	Morphometric characteristics and chromatin integrity of spermatozoa in three Italian dog breeds. Journal of Small Animal Practice, 2010, 51, 624-627.	1.2	18
36	A1-3 chromosomal translocations in Italian populations of the peach potato aphid Myzus persicae (Sulzer) not linked to esterase-based insecticide resistance. Bulletin of Entomological Research, 2013, 103, 278-285.	1.0	13

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37	Immunotherapeutic Transport Oncophysics: Space, Time, and Immune Activation in Cancer. Trends in Cancer, 2020, 6, 40-48.	7.4	12
38	Biomimetic and immunomodulatory therapeutics as an alternative to natural exosomes for vascular and cardiac applications. Nanomedicine: Nanotechnology, Biology, and Medicine, 2021, 35, 102385.	3.3	11
39	Bisursodeoxycholate(ethylenediamine)platinum(ii): a new autofluorescent compound. Cytotoxic activity and cell cycle analysis in ovarian and hematological cell lines. Dalton Transactions, 2008, , 6159.	3.3	10
40	Peculiarity of Porcine Amniotic Membrane and Its Derived Cells: A Contribution to the Study of Cell Therapy from a Large Animal Model. Cellular Reprogramming, 2015, 17, 472-483.	0.9	9
41	Bioactive Immunomodulatory Compounds: A Novel Combinatorial Strategy for Integrated Medicine in Oncology? BAIC Exposure in Cancer Cells. Integrative Cancer Therapies, 2019, 18, 153473541986690.	2.0	9
42	Leptin and leptin receptor are detectable in equine spermatozoa but are not involved in in vitro fertilisation. Reproduction, Fertility and Development, 2016, 28, 574.	0.4	8
43	Heparan Sulfate: A Potential Candidate for the Development of Biomimetic Immunomodulatory Membranes. Frontiers in Bioengineering and Biotechnology, 2017, 5, 54.	4.1	6
44	386 HORSE AMNION: A SOURCE OF MESENCHYMAL (AMSC) AND EPITHELIAL STEM CELLS. Reproduction, Fertility and Development, 2010, 22, 349.	0.4	6
45	Amphibian regeneration and mammalian cancer: Similarities and contrasts from an evolutionary biology perspective. BioEssays, 2021, 43, e2000339.	2.5	5
46	Assessment of the immune landscapes of advanced ovarian cancer in an optimized in vivo model. Clinical and Translational Medicine, 2021, 11, e551.	4.0	3
47	A novel inÂvitro sperm head decondensation protocol for rapid flow cytometric measurement of deoxyribonucleic acid content. Fertility and Sterility, 2013, 99, 1857-1861.	1.0	2
48	Does the Bovine Pre-Ovulatory Follicle Harbor Progenitor Stem Cells?. Cellular Reprogramming, 2016, 18, 116-126.	0.9	2
49	Characterization of Mesenchymal Stem Cells from Human Cortical Bone. International Journal of Translational Science, 2016, 2016, 71-86.	0.2	0
50	Tissue Engineering: Biomimetic Concealing of PLGA Microspheres in a 3D Scaffold to Prevent Macrophage Uptake (Small 11/2016). Small, 2016, 12, 1394-1394.	10.0	0
51	Translating Stem Cell-Based Regenerative Approaches into Clinical Therapies for Musculoskeletal Tissue Repair. Stem Cells International, 2021, 2021, 1-2.	2.5	0