

Arianna B Lovati

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

803
citations

430874

18
h-index

526287

27
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37
all docs

37
docs citations

37
times ranked

1373
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of equine bone marrow-, umbilical cord matrix and amniotic fluid-derived progenitor cells. <i>Veterinary Research Communications</i> , 2011, 35, 103-121.	1.6	73
2	Decellularized and Engineered Tendons as Biological Substitutes: A Critical Review. <i>Stem Cells International</i> , 2016, 2016, 1-24.	2.5	64
3	Nerve Repair Using Decellularized Nerve Grafts in Rat Models. A Review of the Literature. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 427.	3.7	50
4	Modeling <i>Staphylococcus epidermidis</i> -Induced Non-Unions: Subclinical and Clinical Evidence in Rats. <i>PLoS ONE</i> , 2016, 11, e0147447.	2.5	42
5	Soft-Focused Extracorporeal Shock Waves Increase the Expression of Tendon-Specific Markers and the Release of Anti-inflammatory Cytokines in an Adherent Culture Model of Primary Human Tendon Cells. <i>Ultrasound in Medicine and Biology</i> , 2014, 40, 1204-1215.	1.5	41
6	In Vivo Bone Formation Within Engineered Hydroxyapatite Scaffolds in a Sheep Model. <i>Calcified Tissue International</i> , 2016, 99, 209-223.	3.1	36
7	Diabetic Mouse Model of Orthopaedic Implant-Related <i>Staphylococcus Aureus</i> Infection. <i>PLoS ONE</i> , 2013, 8, e67628.	2.5	35
8	Animal Models of Implant-Related Low-Grade Infections. A Twenty-Year Review. <i>Advances in Experimental Medicine and Biology</i> , 2016, 971, 29-50.	1.6	35
9	A review on animal models and treatments for the reconstruction of Achilles and flexor tendons. <i>Journal of Materials Science: Materials in Medicine</i> , 2017, 28, 45.	3.6	35
10	Different combinations of growth factors for the tenogenic differentiation of bone marrow mesenchymal stem cells in monolayer culture and in fibrin-based three-dimensional constructs. <i>Differentiation</i> , 2017, 95, 44-53.	1.9	34
11	Animal models of orthopaedic infections. A review of rabbit models used to induce long bone bacterial infections. <i>Journal of Medical Microbiology</i> , 2019, 68, 506-537.	1.8	27
12	Vitamin E Phosphate Coating Stimulates Bone Deposition in Implant-related Infections in a Rat Model. <i>Clinical Orthopaedics and Related Research</i> , 2018, 476, 1324-1338.	1.5	25
13	Dose-Related and Time-Dependent Development of Collagenase-Induced Tendinopathy in Rats. <i>PLoS ONE</i> , 2016, 11, e0161590.	2.5	24
14	Tenogenic Differentiation of Equine Mesenchymal Progenitor Cells under Indirect Co-Culture. <i>International Journal of Artificial Organs</i> , 2012, 35, 996-1005.	1.4	22
15	Tenogenic differentiation of equine mesenchymal progenitor cells under indirect co-culture. <i>International Journal of Artificial Organs</i> , 2012, 35, 996-1005.	1.4	21
16	<i>In Vitro</i> Characterization and <i>In Vivo</i> Behavior of Human Nucleus Pulposus and Annulus Fibrosus Cells in Clinical-Grade Fibrin and Collagen-Enriched Fibrin Gels. <i>Tissue Engineering - Part A</i> , 2015, 21, 793-802.	3.1	20
17	Independent, Controllable Stretch-Perfusion Bioreactor Chambers to Functionalize Cell-Seeded Decellularized Tendons. <i>Annals of Biomedical Engineering</i> , 2020, 48, 1112-1126.	2.5	20
18	Bone Marrow-Derived Cell Therapies to Heal Long-Bone Nonunions: A Systematic Review and Meta-Analysis—Which Is the Best Available Treatment?. <i>Stem Cells International</i> , 2019, 2019, 1-12.	2.5	19

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19	Fabrication of multi-well chips for spheroid cultures and implantable constructs through rapid prototyping techniques. <i>Biotechnology and Bioengineering</i> , 2015, 112, 1457-1471.	3.3	17
20	<i>In vivo</i> evaluation of bone deposition in macroporous titanium implants loaded with mesenchymal stem cells and strontium-enriched hydrogel. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2015, 103, 448-456.	3.4	15
21	Achilles Tendon Repair by Decellularized and Engineered Xenografts in a Rabbit Model. <i>Stem Cells International</i> , 2019, 2019, 1-14.	2.5	15
22	Peptide-Enriched Silk Fibroin Sponge and Trabecular Titanium Composites to Enhance Bone Ingrowth of Prosthetic Implants in an Ovine Model of Bone Gaps. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 563203.	4.1	15
23	Comparison of Decellularization Protocols to Generate Peripheral Nerve Grafts: A Study on Rat Sciatic Nerves. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2389.	4.1	15
24	Proteomic Analysis Reveals a Biofilm-Like Behavior of Planktonic Aggregates of <i>Staphylococcus epidermidis</i> Grown Under Environmental Pressure/Stress. <i>Frontiers in Microbiology</i> , 2019, 10, 1909.	3.5	14
25	Interstitial Perfusion Culture with Specific Soluble Factors Inhibits Type I Collagen Production from Human Osteoarthritic Chondrocytes in Clinical-Grade Collagen Sponges. <i>PLoS ONE</i> , 2016, 11, e0161479.	2.5	14
26	Osteogenic Differentiation of Human and Ovine Bone Marrow Stromal Cells in response to β -Glycerophosphate and Monosodium Phosphate. <i>Cellular Reprogramming</i> , 2015, 17, 235-242.	0.9	13
27	A Precautionary Approach to Guide the Use of Transition Metal-Based Nanotechnology to Prevent Orthopedic Infections. <i>Materials</i> , 2019, 12, 314.	2.9	12
28	Systemic and Local Administration of Antimicrobial and Cell Therapies to Prevent Methicillin-Resistant <i>Staphylococcus epidermidis</i> -Induced Femoral Nonunions in a Rat Model. <i>Mediators of Inflammation</i> , 2016, 2016, 1-12.	3.0	10
29	Terminal sterilization of equine-derived decellularized tendons for clinical use. <i>Materials Science and Engineering C</i> , 2017, 75, 43-49.	7.3	10
30	Does PGE1 Vasodilator Prevent Orthopaedic Implant-Related Infection in Diabetes? Preliminary Results in a Mouse Model. <i>PLoS ONE</i> , 2014, 9, e94758.	2.5	7
31	A comparative study of diagnostic and imaging techniques for osteoarthritis of the trapezium. <i>Rheumatology</i> , 2015, 54, 96-103.	1.9	5
32	Draft Genome Sequence of <i>Staphylococcus epidermidis</i> Clinical Strain GOI1153754-03-14 Isolated from an Infected Knee Prosthesis. <i>Genome Announcements</i> , 2017, 5, .	0.8	5
33	Pulsed electromagnetic fields improve the healing process of Achilles tendinopathy. <i>Bone and Joint Research</i> , 2020, 9, 613-622.	3.6	5
34	A case report of multi-compartmental lipoma of the hand. <i>Case Reports in Plastic Surgery & Hand Surgery</i> , 2018, 5, 35-38.	0.3	4
35	Chondrogenic capability of osteoarthritic chondrocytes from the trapeziometacarpal and hip joints. <i>Cell and Tissue Banking</i> , 2016, 17, 171-177.	1.1	2
36	Tissue engineering approaches to develop decellularized tendon matrices functionalized with progenitor cells cultured under undifferentiated and tenogenic conditions. <i>AIMS Bioengineering</i> , 2017, 4, 431-445.	1.1	2

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37	Translating Stem Cell-Based Regenerative Approaches into Clinical Therapies for Musculoskeletal Tissue Repair. Stem Cells International, 2021, 2021, 1-2.	2.5	0