

Mathieu Manassero

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

841
citations

471371
17
h-index

501076
28
g-index

62
all docs

62
docs citations

62
times ranked

1250
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of polystyrene sodium sulfonate grafting on polyethylene terephthalate artificial ligaments on in vitro mineralisation and in vivo bone tissue integration. <i>Biomaterials</i> , 2013, 34, 7048-7063.	5.7	72
2	Laparoscopic ovariectomy in dogs using a single port multiple access device. <i>Veterinary Record</i> , 2012, 171, 69-69.	0.2	58
3	Biological and Biomechanical Evaluation of the Ligament Advanced Reinforcement System (LARS AC) in a Sheep Model of Anterior Cruciate Ligament Replacement: A 3-Month and 12-Month Study. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2013, 29, 1079-1088.	1.3	54
4	Interfacial fluid transport is a key to hydrogel bioadhesion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 738-743.	3.3	52
5	Low-dose BMP-2 and MSC dual delivery onto coral scaffold for critical-size bone defect regeneration in sheep. <i>Journal of Orthopaedic Research</i> , 2017, 35, 2637-2645.	1.2	49
6	Proangiogenic and Prosurvival Functions of Glucose in Human Mesenchymal Stem Cells upon Transplantation. <i>Stem Cells</i> , 2013, 31, 526-535.	1.4	48
7	Bone Regeneration in Sheep Using <i>Acropora</i> Coral, a Natural Resorbable Scaffold, and Autologous Mesenchymal Stem Cells. <i>Tissue Engineering - Part A</i> , 2013, 19, 1554-1563.	1.6	46
8	Custom-made macroporous bioceramic implants based on triply-periodic minimal surfaces for bone defects in load-bearing sites. <i>Acta Biomaterialia</i> , 2020, 109, 254-266.	4.1	44
9	One Stage Functional End-to-End Stapled Intestinal Anastomosis and Resection Performed by Nonexpert Surgeons for the Treatment of Small Intestinal Obstruction in 30 Dogs. <i>Veterinary Surgery</i> , 2011, 40, 216-222.	0.5	36
10	Indwelling double pigtail ureteral stent combined or not with surgery for feline ureterolithiasis: complications and outcome in 15 cases. <i>Journal of Feline Medicine and Surgery</i> , 2014, 16, 623-630.	0.6	35
11	Comparison of Survival and Osteogenic Ability of Human Mesenchymal Stem Cells in Orthotopic and Ectopic Sites in Mice. <i>Tissue Engineering - Part A</i> , 2016, 22, 534-544.	1.6	34
12	A Novel Murine Femoral Segmental Critical-Sized Defect Model Stabilized by Plate Osteosynthesis for Bone Tissue Engineering Purposes. <i>Tissue Engineering - Part C: Methods</i> , 2013, 19, 271-280.	1.1	31
13	Complications of appendicular fracture repair in cats and small dogs using locking compression plates. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , 2016, 29, 46-52.	0.2	31
14	Bone tissue response induced by bioactive polymer functionalized Ti6Al4V surfaces: In vitro and in vivo study. <i>Journal of Colloid and Interface Science</i> , 2017, 491, 44-54.	5.0	26
15	Comparative study of the osteogenic ability of four different ceramic constructs in an ectopic large animal model. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2016, 10, E177-E187.	1.3	24
16	Reproducibility, Accuracy and Effect of Autoclave Sterilization on a Thermoplastic Three-Dimensional Model Printed by a Desktop Fused Deposition Modelling Three-Dimensional Printer. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , 2018, 31, 422-430.	0.2	23
17	Use of preoperative computed tomography for surgical treatment of recurrent draining tracts. <i>Journal of Small Animal Practice</i> , 2014, 55, 89-94.	0.5	20
18	Minimally invasive video-assisted cervical ventral slot in dogs. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , 2011, 24, 50-56.	0.2	15

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19	Ligament synthétique «bioactif» et «bioinerte» permettant la réhabilitation rapide du patient: greffage chimique, évaluations biologiques in vivo, expérimentation animale, étude préclinique. <i>Irbm</i> , 2011, 32, 118-122.	3.7	14
20	A comparative study of tissue-engineered constructs from <i>Acropora</i> and <i>Porites</i> coral in a large animal bone defect model. <i>Bone and Joint Research</i> , 2017, 6, 208-215.	1.3	14
21	Stabilization of Olecranon Fractures by Tension Band Wiring or Plate Osteosynthesis: A Retrospective Study of 41 Cases. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , 2018, 31, 053-061.	0.2	14
22	Hydrogel-Tissue Adhesion Using Blood Coagulation Induced by Silica Nanoparticle Coatings. <i>ACS Applied Bio Materials</i> , 2020, 3, 8808-8819.	2.3	10
23	Effect of the Bone Morphogenetic Protein-2 Doses on the Osteogenic Potential of Human Multipotent Stromal Cells- Containing Tissue Engineered Constructs. <i>Tissue Engineering - Part A</i> , 2019, 25, 642-651.	1.6	9
24	Controlled cell Adhesion and Activity onto Ti6Al4V Titanium alloy by grafting of the Surface: Elaboration of orthopaedic implants capable of preventing joint prosthesis infection. <i>Irbm</i> , 2013, 34, 180-185.	3.7	8
25	Computed tomographic study of the optimal safe implantation corridors in feline thoraco-lumbar vertebrae. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , 2013, 26, 372-378.	0.2	8
26	Surgical repair of thoraco-lumbar vertebral fracture-luxations in eight cats using screws and polymethylmethacrylate fixation. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , 2014, 27, 306-312.	0.2	8
27	Establishment of a Segmental Femoral Critical-size Defect Model in Mice Stabilized by Plate Osteosynthesis. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	8
28	Évaluation clinique et biologique d'un ligament synthétique bioactif chez la brebis. <i>Irbm</i> , 2009, 30, 153-155.	3.7	6
29	Laparoscopic ovariectomy with a single-port multiple-access device in seven African lionesses (<i>Panthera leo</i>). <i>Journal of the American Veterinary Medical Association</i> , 2018, 252, 1548-1554.	0.2	5
30	Preventive Moderate Continuous Running-Exercise Conditioning Improves the Healing of Non-Critical Size Bone Defects in Male Wistar Rats: A Pilot Study Using µCT. <i>Life</i> , 2020, 10, 308.	1.1	5
31	Outcomes of 25 female dogs treated for ectopic ureters by open surgery or cystoscopic-guided laser ablation. <i>Veterinary Surgery</i> , 2022, 51, 568-575.	0.5	5
32	Coral Scaffolds in Bone Tissue Engineering and Bone Regeneration. , 2016, , 691-714.		4
33	Ultrasonography is more accurate than percutaneous palpation for identifying targeted thoracolumbar intervertebral disc spaces in dogs. <i>Veterinary Radiology and Ultrasound</i> , 2018, 59, 749-757.	0.4	4
34	Treatment of urinary incontinence in a cat with genitourinary dysplasia using an urethral sphincter occluder. <i>Journal of Small Animal Practice</i> , 2021, 62, 391-396.	0.5	4
35	Advances in laparoscopic spay techniques for dogs: the past, present and future. <i>Veterinary Record</i> , 2018, 183, 742-744.	0.2	3
36	The effect of pNaSS grafting of knitted poly(L-lactide) artificial ligaments on in vitro mineralization and in vivo osseointegration. <i>Materialia</i> , 2022, 21, 101331.	1.3	3

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37	Biomechanical experiments on artificial ligaments for the ACL reconstruction. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2009, 12, 31-32.	0.9	2
38	Leiomyoma in the nasal cavity of a dog. <i>Journal of Small Animal Practice</i> , 2019, 60, 319-322.	0.5	2
39	Outcome of dogs and cats with benign oesophageal strictures after balloon dilatation or stenting: 27 cases (2002-2019). <i>Journal of Small Animal Practice</i> , 2021, 62, 886-894.	0.5	2
40	Un cas de tumeurs ectopiques bilatérales chez une chienne. <i>Revue Veterinaire Clinique</i> , 2017, 52, 17-25.	0.1	1
41	Bone haemophilic pseudotumour of the ulna: A rare complication of haemophilia in a dog. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , 2017, 30, 371-376.	0.2	1
42	Primary hyperparathyroidism due to a cystic parathyroid adenoma in a cat. <i>Open Veterinary Journal</i> , 2019, 9, 109.	0.3	1
43	Biomechanical evaluation of a bioactive artificial anterior cruciate ligament. <i>Advances in Biomechanics and Applications</i> , 2014, 1, 239-252.	0.2	1
44	Surgically treated congenital cleft palate in a 4-month-old kitten: medium-term clinical and CT assessment. <i>Journal of Feline Medicine and Surgery Open Reports</i> , 2022, 8, 205511692210825.	0.1	1
45	Traitement des lithiases urinaires obstructives par la mise en place de stents pyélo-vésicaux chez le chat. <i>Revue Veterinaire Clinique</i> , 2014, 49, 13-22.	0.1	0
46	Gestion par pose d'un stent nasopharyngien proximal chez un chat. <i>Revue Veterinaire Clinique</i> , 2020, 55, 39-47.	0.1	0
47	Symptomatic lateral ventricular cystic lesion in a young cat. <i>Journal of Feline Medicine and Surgery Open Reports</i> , 2020, 6, 205511692093018.	0.1	0
48	Pro-angiogenic and pro-survival functions of glucose in human mesenchymal stem cells upon transplantation. <i>Bone Abstracts</i> , 0, , .	0.0	0
49	Long-term follow-up of a juvenile simple renal cyst in a dog treated by laparoscopic deroofting, fulguration, and omentalization. <i>Journal of the American Veterinary Medical Association</i> , 2022, , 1-5.	0.2	0