

# Lauren Schnabel

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

2,439  
citations

279487

23  
h-index

205818

48  
g-index

61  
all docs

61  
docs citations

61  
times ranked

2662  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tendon sheath masses – What are the differential diagnoses and what diagnostics are needed?. <i>Equine Veterinary Education</i> , 2023, 35, 74-76.	0.3	0
2	Non-steroidal anti-inflammatory drugs in equine orthopaedics. <i>Equine Veterinary Journal</i> , 2022, 54, 636-648.	0.9	6
3	Potent Activity of Ertapenem Plus Cefazolin Within Staphylococcal Biofilms: A Contributing Factor in the Treatment of Methicillin-Susceptible <i>Staphylococcus aureus</i> Endocarditis. <i>Open Forum Infectious Diseases</i> , 2022, 9, ofac159.	0.4	4
4	Defining the profile: Characterizing cytokines in tendon injury to improve clinical therapy. <i>Journal of Immunology and Regenerative Medicine</i> , 2022, 16, 100059.	0.2	5
5	Leveraging MRI characterization of longitudinal tears of the deep digital flexor tendon in horses using machine learning. <i>Veterinary Radiology and Ultrasound</i> , 2022, 63, 580-592.	0.4	3
6	A Platelet-Rich Plasma-Derived Biologic Clears <i>Staphylococcus aureus</i> Biofilms While Mitigating Cartilage Degeneration and Joint Inflammation in a Clinically Relevant Large Animal Infectious Arthritis Model. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, .	1.8	11
7	The combination of mitogenic stimulation and DNA damage induces chondrocyte senescence. <i>Osteoarthritis and Cartilage</i> , 2021, 29, 402-412.	0.6	21
8	TGF- $\beta$ 2 Reduces the Cell-Mediated Immunogenicity of Equine MHC-Mismatched Bone Marrow-Derived Mesenchymal Stem Cells Without Altering Immunomodulatory Properties. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 628382.	1.8	10
9	Effects of continuous passage on the immunomodulatory properties of equine bone marrow-derived mesenchymal stem cells in vitro. <i>Veterinary Immunology and Immunopathology</i> , 2021, 234, 110203.	0.5	5
10	Pathology in Practice. <i>Journal of the American Veterinary Medical Association</i> , 2021, 258, 961-964.	0.2	2
11	Adeno-Associated Virus-Mediated Overexpression of Interleukin-10 Affects the Immunomodulatory Properties of Equine Bone Marrow-Derived Mesenchymal Stem Cells. <i>Human Gene Therapy</i> , 2021, 32, 907-918.	1.4	9
12	Cross-matching of allogeneic mesenchymal stromal cells eliminates recipient immune targeting. <i>Stem Cells Translational Medicine</i> , 2021, 10, 694-710.	1.6	27
13	Platelet-rich plasma lysate displays antibiofilm properties and restores antimicrobial activity against synovial fluid biofilms in vitro. <i>Journal of Orthopaedic Research</i> , 2020, 38, 1365-1374.	1.2	27
14	5-Benzylidene-oxazolidinones Are Synergistic with Antibiotics for the Treatment of <i>Staphylococcus aureus</i> Biofilms. <i>ChemBioChem</i> , 2020, 21, 933-937.	1.3	6
15	One health in regenerative medicine: report on the second Havemeyer symposium on regenerative medicine in horses. <i>Regenerative Medicine</i> , 2020, 15, 1775-1787.	0.8	4
16	Inhalation of lung spheroid cell secretome and exosomes promotes lung repair in pulmonary fibrosis. <i>Nature Communications</i> , 2020, 11, 1064.	5.8	228
17	Effects of acellular equine amniotic allografts on the healing of experimentally induced full-thickness distal limb wounds in horses. <i>Veterinary Surgery</i> , 2019, 48, 1416-1428.	0.5	6
18	Equine or porcine synovial fluid as a novel ex vivo model for the study of bacterial free-floating biofilms that form in human joint infections. <i>PLoS ONE</i> , 2019, 14, e0221012.	1.1	54

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19	Ultrasound-Guided Proximalateral Approach for Digital Flexor Tendon Sheath Injection in the Horse: A Cadaver Study. <i>VCOT Open</i> , 2019, 02, e37-e43.	0.2	0
20	Subconjunctival bone marrow-derived mesenchymal stem cell therapy as a novel treatment alternative for equine immune-mediated keratitis: A case series. <i>Veterinary Ophthalmology</i> , 2019, 22, 674-682.	0.6	26
21	The AVMA's definitions of antimicrobial uses for prevention, control, and treatment of disease. <i>Journal of the American Veterinary Medical Association</i> , 2019, 254, 792-797.	0.2	11
22	Oral reserpine administration in horses results in low plasma concentrations that alter platelet biology. <i>Equine Veterinary Journal</i> , 2019, 51, 537-543.	0.9	8
23	Diagnosis and management of proximal sesamoid bone fractures in the horse. <i>Equine Veterinary Education</i> , 2018, 30, 450-455.	0.3	7
24	The immunomodulatory function of equine MSCs is enhanced by priming through an inflammatory microenvironment or TLR3 ligand. <i>Veterinary Immunology and Immunopathology</i> , 2018, 195, 33-39.	0.5	32
25	Gram-negative multi-drug resistant bacteria influence survival to discharge for horses with septic synovial structures: 206 Cases (2010-2015). <i>Veterinary Microbiology</i> , 2018, 226, 64-73.	0.8	22
26	Pooled Platelet-Rich Plasma Lysate Therapy Increases Synoviocyte Proliferation and Hyaluronic Acid Production While Protecting Chondrocytes From Synoviocyte-Derived Inflammatory Mediators. <i>Frontiers in Veterinary Science</i> , 2018, 5, 150.	0.9	34
27	Inflammatory licensed equine MSCs are chondroprotective and exhibit enhanced immunomodulation in an inflammatory environment. <i>Stem Cell Research and Therapy</i> , 2018, 9, 82.	2.4	57
28	Effect of needle diameter on the viability of equine bone marrow derived mesenchymal stem cells. <i>Veterinary Surgery</i> , 2017, 46, 731-737.	0.5	18
29	Effect of bone marrow-derived mesenchymal stem cells and stem cell supernatant on equine corneal wound healing in vitro. <i>Stem Cell Research and Therapy</i> , 2017, 8, 120.	2.4	41
30	Allogeneic major histocompatibility complex-mismatched equine bone marrow-derived mesenchymal stem cells are targeted for death by cytotoxic anti-major histocompatibility complex antibodies. <i>Equine Veterinary Journal</i> , 2017, 49, 539-544.	0.9	71
31	Immunoprivileged no more: measuring the immunogenicity of allogeneic adult mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2017, 8, 288.	2.4	167
32	Transforming Growth Factor- $\beta$ 2 Downregulates Major Histocompatibility Complex (MHC) I and MHC II Surface Expression on Equine Bone Marrow-Derived Mesenchymal Stem Cells Without Altering Other Phenotypic Cell Surface Markers. <i>Frontiers in Veterinary Science</i> , 2017, 4, 84.	0.9	33
33	Transnasal, Endoscopically Guided Skull-Based Surgery by Pharyngotomy for Mass Removal from the Sphenopalatine Sinus in a Horse. <i>Veterinary Surgery</i> , 2016, 45, 1108-1117.	0.5	2
34	Navigational ultrasound imaging: A novel imaging tool for aiding interventional therapies of equine musculoskeletal injuries. <i>Equine Veterinary Journal</i> , 2016, 48, 195-200.	0.9	3
35	Laparoscopic-Guided Compared to Skilled Instructor Support for Student Rectal Examination Training Using Live Horses in the Veterinary Curriculum. <i>Veterinary Surgery</i> , 2015, 44, 352-358.	0.5	3
36	Equine allogeneic bone marrow-derived mesenchymal stromal cells elicit antibody responses in vivo. <i>Stem Cell Research and Therapy</i> , 2015, 6, 54.	2.4	110

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37	Mesenchymal Stem Cell Therapy: Clinical Progress and Opportunities for Advancement. <i>Current Pathobiology Reports</i> , 2015, 3, 1-7.	1.6	8
38	Induced pluripotent stem cells have similar immunogenic and more potent immunomodulatory properties compared with bone marrow-derived stromal cells <i>in vitro</i> . <i>Regenerative Medicine</i> , 2014, 9, 621-635.	0.8	29
39	Plasma and synovial fluid concentration of doxycycline following low-dose, low-frequency administration, and resultant inhibition of matrix metalloproteinase-13 from interleukin-stimulated equine synoviocytes. <i>Equine Veterinary Journal</i> , 2014, 46, 198-202.	0.9	19
40	Equine bone marrow-derived mesenchymal stromal cells are heterogeneous in MHC class II expression and capable of inciting an immune response <i>in vitro</i> . <i>Stem Cell Research and Therapy</i> , 2014, 5, 13.	2.4	116
41	Increasing Platelet Concentrations in Leukocyte-Reduced Platelet-Rich Plasma Decrease Collagen Gene Synthesis in Tendons. <i>American Journal of Sports Medicine</i> , 2014, 42, 42-49.	1.9	145
42	Use of a Formal Assessment Instrument for Evaluation of Veterinary Student Surgical Skills. <i>Veterinary Surgery</i> , 2013, 42, 488-496.	0.5	12
43	Therapeutic use of stem cells in horses: Which type, how, and when?. <i>Veterinary Journal</i> , 2013, 197, 570-577.	0.6	75
44	Comparison of Three Methods to Quantify Repair Cartilage Collagen Orientation. <i>Cartilage</i> , 2013, 4, 111-120.	1.4	16
45	Cell- and gene-based approaches to tendon regeneration. <i>Journal of Shoulder and Elbow Surgery</i> , 2012, 21, 278-294.	1.2	94
46	Pharmacokinetics and distribution of minocycline in mature horses after oral administration of multiple doses and comparison with minimum inhibitory concentrations. <i>Equine Veterinary Journal</i> , 2012, 44, 453-458.	0.9	41
47	Size and geometry of apical sesamoid fracture fragments as a determinant of prognosis in Thoroughbred racehorses. <i>Equine Veterinary Journal</i> , 2011, 43, 412-417.	0.9	12
48	Racing performance after arthroscopic removal of apical sesamoid fracture fragments in Thoroughbred horses age $\geq$ 2 years: 84 cases (1989-2002). <i>Equine Veterinary Journal</i> , 2010, 38, 446-451.	0.9	26
49	Orally administered doxycycline accumulates in synovial fluid compared to plasma. <i>Equine Veterinary Journal</i> , 2010, 42, 208-212.	0.9	27
50	IMAGING DIAGNOSIS—EQUINE NASAL SEPTAL THICKENING DUE TO CHRONIC CHONDRITIS. <i>Veterinary Radiology and Ultrasound</i> , 2010, 51, 65-68.	0.4	5
51	Mesenchymal stem cells and insulin-like growth factor-1 gene-enhanced mesenchymal stem cells improve structural aspects of healing in equine flexor digitorum superficialis tendons. <i>Journal of Orthopaedic Research</i> , 2009, 27, 1392-1398.	1.2	216
52	Trochlear Block Recession in an Alpaca with Traumatic Lateral Patellar Luxation. <i>Veterinary Surgery</i> , 2009, 38, 421-425.	0.5	11
53	Effects of platelet rich plasma and acellular bone marrow on gene expression patterns and DNA content of equine suspensory ligament explant cultures. <i>Equine Veterinary Journal</i> , 2008, 40, 260-265.	0.9	47
54	Assessment of cartilage degradation effects of matrix metalloproteinase-13 in equine cartilage cocultured with synoviocytes. <i>American Journal of Veterinary Research</i> , 2007, 68, 379-384.	0.3	7

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55	Platelet rich plasma (PRP) enhances anabolic gene expression patterns in flexor digitorum superficialis tendons. <i>Journal of Orthopaedic Research</i> , 2007, 25, 230-240.	1.2	337
56	Gene Therapy in Musculoskeletal Repair. <i>Annals of the New York Academy of Sciences</i> , 2007, 1117, 310-327.	1.8	79
57	Racing performance after arthroscopic removal of apical sesamoid fracture fragments in Thoroughbred horses age <2 years: 151 cases (1989-2002). <i>Equine Veterinary Journal</i> , 2007, 39, 64-68.	0.9	24
58	Primary Alimentary Lymphoma with Metastasis to the Liver Causing Encephalopathy in a Horse. <i>Journal of Veterinary Internal Medicine</i> , 2006, 20, 204-206.	0.6	15
59	Primary alimentary lymphoma with metastasis to the liver causing encephalopathy in a horse. <i>Journal of Veterinary Internal Medicine</i> , 2006, 20, 204-6.	0.6	5