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1	Uggla	Spencer	Increasing Utilization Trends of Robotic-Assistance in Orthopaedic Surgery	Ponna A, Giakas A, Khoudary A, Uggla S, Ramtin S, Soliman Y, Illyas A
2	Azar	Reem	Evaluating the relationships between lesion size and location, muscle activation, and motor and cognitive impairment in stroke subjects.	Azar R, Mendonca R, Cacchione P, Johnson M
3	Dindarian	Sina	DREAMER MRI for Pediatric Craniofacial Imaging: Rapid, Multi-Contrast, and Radiation-Free Assessment of Bone and Soft Tissue	Dindarian S, Vu BD, Kamona N, Rajapakse CS, Bartlett SP, Wehrli FW
4	Zhang	Yejia	Effects of Age on Inflammation and Intervertebral Disc Tissue Morphology in the ADAM8-inactivation Mouse	Yao L, Wang H, Tian Z, Shofer FS, Qin L and Zhang Y
5	Orozco	Brianna	Comparison of transport properties between human and tissue-engineered vertebral endplates	Brianna S.O., Alexandra J.B., Matthew F., Mohamed H., Aaron J.F., Sarah E.G.
6	Baccaglini	Emily	Simultaneous hard and soft tissue contrast musculoskeletal magnetic resonance imaging	Emily Baccaglini, Brian-Tinh Duc Vu, Nada Kamona, Chamith S. Rajapakse, Felix W. Wehrli
7	Ginder	Jordan	Incidence and Predictors of Ulnar Neuropathy Within 12 Months Following Distal Humerus Fracture Fixation: A TriNetX Multi-	Jordan Ginder - Drexel Med
8	Li	Zizhao	Cell Source-Specific Extracellular Vesicles Direct Zone-Specific MSC Differentiation for Rotator Cuff Entesis Regeneration	Li Z, Cheung C, Xu L, Jo S-H, Lee S-H, Shin J, Pinto F, MacMullan E, Ko J, Heo S
9	Kupratis	Meghan	Emergent Cell Subpopulations and Time-Evolving Biophysical Cues in the Developing Porcine Meniscus	Kupratis ME, Xiang J, Burt KG, Zhang Y, Kwok B, Tufa SF, Keene DR, Dymnt NA, Han L, Koyama E, Mauck RL
10	Peterman	Amanda	Imaging Bone Tissue Composition Using Fourier Transform Infrared (FTIR) Hyperspectral Imaging	Peterman A, Querido W
11	Ahn	Seongjue	Natural vs Experimental Contamination of External Fixator Pins in a Sheep Model	Seongjue A, Kaylee N. P, Samir M, Thomas P. S
12	Rosen	Alyssa	Using Machine Learning for Automated Femur Geometry Analysis in the Context of Atypical Femoral Fracture	Rosen A, Xu R, Pham F, Falkner S, Gao J, Yu J, Jiang M, Li J, Lokesh T, Rosen O, Clark M, Xu J, Yang I, Madi R, Wilcocks R, Ural A,
13	Ponna	Anish	The Impact of Non-Tobacco Nicotine Dependence on Postoperative Outcomes Following Ankle Fracture Fixation	Ponna A, Mehta A, Mody K, Baidya J, Amponsah N, Thomas G, Pedowitz D, Daniel J, Parekh S
14	Godshall	Stanton	Deep Learning and Wearable Sensors Accurately Classify Tendon Loading in Immobilizing Boot Walking	Stanton Godshall, Michelle P. Kwon, Eni Halilaj, Lorraine AT Boakye, Casey Jo Humbyrd, Josh R. Baxter
15	Basukala	Kebishha	EPDA 2.0: Peptide-Responsive Synthetic Receptors for Spatial Gene Expression in 3D Materials	Basukala K, Recktenwald M, Vega SL
16	Camacho	Paula	Mechanoregulation of endosome dynamics during endothelial cell motility	Camacho P, Berlew E, Abello J, Mason DE, Stratman AN, Lakadamyali M, Boerckel JD
17	Ingerson	Samantha	Chemical Targeting of Hypoxic Signaling to Enhance Chondrocyte Repair Potential	Ingerson S, Richardson-Solorazano S, Schipani E, Parreno J
18	Laslow	Brittany	HIF-1 α controls somitogenesis and spine development by regulating levels of intracellular oxygen in the presomitic mesoderm.	Anderson MJ, Yao A, Laslow B, Schipani E, Lewandoski M
19	Hullfish	Todd	Understanding the Effects of Pain from Deep Sensory Nerve Fibers on Cutaneous Pain and Sensation- a Case Study	Hullfish TJ, Tate Q, Baxter JR
20	Qian	Jacob	Synthetic Gene Circuit for Remodeling Fibrotic Tissue	Christopher M, Albert L, Jacob Q
21	Seidl	Elizabeth	YAP/TAZ signaling affects cytoskeletal feedback in tenocytes	Elizabeth Seidl, Nathaniel Dymnt, Joel Boerckel
22	Thurlow	Nat	Coordination of Collagens V and XI Guide Fibril Assembly during Mouse Patellar Tendon Postnatal Development	Thurlow N, Eekhoff J, Ratnagiri M, Nuss C, Weiss S, Dymnt N, Soslowsky N
23	Sharp	Emily	Durability and Impact of Annulus Fibrosus Repair with Functionalized Hydrogels Under Loading	Emily E. Sharp, Marcia Muerner, Barbora Kubincova, Junxuan Ma, Emily S. Cook, Sarah E. Gullbrand, Robert L. Mauck and Sibylle Grad
24	Strand	Kathryn	A novel measurement of altered Achilles subtendon load-sharing 6-12 months following	Strand K, Hullfish T, Wagner M, Russo D, Zowel M, Schaubel D, Humbyrd C, Baxter J
25	Sedigh	Ashkan	Understanding the Relationship between Pore Water, Bound Water and Atypical Femoral Fractures Utilizing MRI-Based Finite Element	Sedigh A, Kamona N, Cottrell C, Gao J, Liu H, Tang A, Rajapakse C S, Ural A
26	Blanch	Tyler	Meso-scale Viscoelastic Properties of Achilles Tendon Matrix Reveal Local Contributions to Tissue Mechanics	Blanch T, Chen Y, Blank J, Vining K, Heo SC
27	Meyers	Michelle	Foot Structure Changes and Links to Patient-Reported Pain Interference during Pregnancy and Postpartum	Michelle Meyers, Devyn Russo, Celeste Durnwald, M.D., Casey Humbyrd, M.D., M.B.E., Josh Baxter, Ph.D.
28	Huang	Darcy	Dynamic and Reversible Boundary Constraints to Guide Engineered Meniscus Microtissue Formation	Huang D, Zhang Y, Kotsaris G, Kupratis M, Bernstein E, Mauck R
29	Cook	Emily	Anakinra Protects Against Mechanical Degradation of Articular Cartilage in an In Vitro Inflammatory Environment	Cook ES, Stoeckl BD, Jenk AC, Steinberg DR, Mauck RL
30	Bonfini	Rachel	Trade-offs Between Compression and Relaxation: The Role of Screw Angle in Long-Oblique Fracture Fixation	Bonfini R, Hoenecke K, Abdi F, Saha B, Silvestro E, Massie A, Hast M
31	Blank	Jon	Glycosaminoglycans influence regional mechanics in young but not old Achilles tendons	Blank J, Eekhoff J, Soslowsky L
32	Abdi	Farzad	Deep Learning-Based Markerless Motion Tracking as a Cost-Effective Alternative for Large Animal Gait Analysis	Abdi F, Saha B, Sommer J, Kehoe-Huck I, Hoenecke K, Araujo Z, Massie AM, Agnello KA, Hast MW
33	Saha	Badhan	Influence of Zinc Coating on Bone Volume Loss and Mechanical Stability Across Different Screw Designs in a Cadaveric Rabbit Femur	Saha B, Abdi F, Cagliostro A, Friday CS, Hoenecke K, Massie AM, Hast MW
34	Ciociola	Carly	Application of an Electric Current in the Developing Chicken Embryo Induces Spinal Deformity	Carly Ciociola, Jacob V. Jordan, Giuseppe Orlando, Andrea Ketschek, Gianluca Gallo, Jason Anari, Brian D. Snyder, Thomas P. Schaer, Patrick
35	Uliano	Lola	Imaging Mass Cytometry Reveals a Dynamic Synovial Cellular Landscape in Canine Cruciate Ligament Disease	Lola L. Uliano, Kevin G. Burt, Elisabeth A. Lemmon, Janai Augustin, Carla R. Scanzello, Sarah Gullbrand, Kim Agnello, Robert L. Mauck
36	Pinto	Felicia	Inflammatory and Overuse Tendinopathy Impair Chondrocyte Function in Shoulder Crosstalk	Felicia Pinto, Yuna Heo, and Su Chin Heo
37	Fainor	Matthew	IL-1beta Does Not Exacerbate Cell Death in a Large-Scale Tissue-Engineered Intervertebral Disc	Fainor M, Baranyai AJ, Mauck RL, Smith HE, Gullbrand SE
38	Augustin	Janai	Synovium-Cartilage Crosstalk in Facet Joint Osteoarthritis and Correlations with Adjacent Disc Degeneration	Janai Augustin, Kevin Burt, Matthew Fainor, Brianna S. Orozco, Sung Yeon Kim , Carla R. Scanzello, Sarah E. Gullbrand
39	Bernstein	Elizabeth	Intra-Articular TAT-Cre-Mediated Deletion of Lats1/2 Induces Joint Pain and Synovial Dysfunction	Bernstein E, Kotsaris G, Garza G, Croen B, Boerckel J, Dymnt N, Mauck L
40	Rajagopal	Karthikeyan	In vitro development and in vivo evaluation of intra-articular GUSB mRNA therapy for Mucopolysaccharidosis VII	Karthikeyan Rajagopal, Kelsey L. Swingle, Keerthana Iyer, Zhirui Jiang, Emma Smith, Caitlyn M. Molony, George R. Dodge, Susan W. Volk,
41	Burt	Kevin	CD14 Deficiency in Mice Protects Against Age-associated Mobility Loss, Pain, and Multi-joint Degeneration	Kevin G. Burt, Vu Nguyen, Anna E. Rapp, Lance A. Murphy, Robert L. Mauck, Carla R. Scanzello
42	Adomakoh	Celine	YAP and TAZ Mediate Mechanical Load-Induced Bone Formation	Celine A, Yasaman M, Joel D. B
43	Hu	Haiying	Mechanical Regulation of Muscle Stem Cells: Insights from Viscoelastic Hydrogel Models	Haiying H, Taeyoon K, Zichen G, Christopher M
44	Tichy	Elisia	Inappropriate Skeletal Muscle Progenitor Cell Fusion is a Major Contributor to Tongue Overgrowth in Beckwith-Wiedemann Syndrome	Tichy ED, Nguyen A, Bryne M, Fallon M, Pradiou RD, Tringola S, Nirgude S, Kinnear D, Kozakewich HPW, Kalish JM
45	Smith	Carly	Surgical revision of S. aureus infection increases virulence factor expression and activates a multi-tissue inflammatory response.	Smith C, Moniodes A, Watkins A, Melvage A, Thompson T, Choi E, Lucas A, Gilmore B, Schaer T, Hickok N, Freeman T
46	Xiang	Jiaqi	Distinct Molecular and Structural Traits of Permanent versus Transient Cartilage in Early Development	Jiaqi X, Bryan K, Meghan K, Mingyue F, Sara T, Douglas K, Robert M, Nathaniel D, Eiki K, Lin H.
47	Kroll	Emma	Reduction of Type III Collagen During Healing has Minimal Impact on Young Adult Mouse Tendon Healing	Tamburro M, Carlson J, Kroll E, Doro M, Weiss S, Eekhoff J, Yen W, Soslowsky L, Volk S
48	Liang	Qiushi	Lipid Nanoparticles Loaded with a Highly Potent sPLA2 Inhibitor for Osteoarthritis Treatment	Liang Q, Gui T, Luo L, Popov A, He Q, Ortvad K, Tsourkas A, Cheng Z,Qin L
49	Roberts	Douglas	Age-dependent formation of heterotopic ossification in the ultra-rare disease Fibrodysplasia Ossificans Progressiva	Grossman NZ, Mejias Rivera L, Schein N, Roberts DW, Shore EM, Knaus P
50	Jin	Vincent	Sexual dimorphism in skeletal responses to intermittent parathyroid hormone (PTH) treatment and discontinuation	Jin Y. V., Lee W., Azar T., Xu X. X., Tseng W. J., Liu X. S.
51	Xu	Xiaoyu	Lactation-induced Changes in Osteocyte Lacunae Are Spatially Heterogeneous and Persist After Weaning	Xu X, Lee W, Datta S, Zhou Y, Wang L, Liu XS
52	Panebianco	Christopher	Regulation of fetal skeletal development by maternal exercise	Panebianco CJ, Essaidi M, Tobin B, Simmons R, Wood L, Dymnt N, Nowlan NC, Boerckel JD
53	Moniodes	Arianna	Vancomycin coupled with cold plasma treatment inhibits osteoclast activity in Staphylococcus aureus-infected bone	Moniodes A, Smith C, Watkins A, Bongard E, Baldomero G, Melvage A, Schaer T, Hickok N, Freeman T
54	Murphy	Lance	CD14 modulates age- and injury-induced subchondral bone remodeling in osteoarthritis (OA) via Type I Interferon	Murphy L, Burt K, Sharp K, Hu B, Nguyen V, Mauck R, Scanzello C
55	Kenawy	Hagar	Decellularized meniscal scaffolds combined with progenitor cells for temporomandibular joint repair	Kenawy H, Bonelli H, Zhao Y, Grasselli S, Smith K, Chen J, Ragbirsingh D, Abu Bandora E, Barbella C, Tucker A, Granquist E, Gottardi R
56	Godshall	Stanton	Functional Asymmetries are Small and Varied in Achilles Tendinopathy: Implications for Clinical Assessment	Stanton Godshall, Devyn Russo, Andy K. Smith, Ryan T. Pohligh, Karin Gräware Silbernagel, Josh R. Baxter
57	Love	Stacy	Sequential Macrolide Pretreatment Enhances Osteogenic Peptide-Induced BMP Signaling	Stacy A. Love, Myranda Sims, Matthias Recktenwald, Sebastián L. Vega
58	Sinad	Korina Vida	Engineered Peptide-Polyester Conjugates for Cell-Responsive Scaffold Degradation	Sinad KVG, Hunt NK, Singh S, Seims KB, Wu Y, Pashuck ET, Grayson WL, Chow LW
59	Caronia	Lauren	Effect of prolonged NSAID exposure on osteocyte-like cell morphology	Caronia L, Melman G, Tomlinson R E

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60	Wang	Tianbai	Optogenetic control of YAP/TAZ nuclear translocation for mechanotransduction	Wang T, Berlew E, Camacho P, Tertuliano O, Boerckel J
61	Ortega Oviedo	F Gerardo	Controlling the Spatiotemporal Presentation of Growth Factor Mimetic Peptides in 3D-Printed Scaffolds for Osteochondral Tissue	Ortega Oviedo FG, Demissie F, Kelerchian A, Seims KB, Chow LW
62	Okpara	Chiebuka	Engineering a Drug-Peptide-Polymer for Localized Anti-Inflammatory, Chondrogenic, and Immunomodulatory Treatments for	Okpara C, Weiser Z, Graham J, Jayaram K, Pashuck E, Chow L, Gonzalez-Fernandez T
63	Liu	Joshua (Yu-Chung)	Nascent extracellular matrix converts biomaterial cues into cell fate decisions	Liu J. Y., Loebel C.
64	Pearson	Ayla	Muscle repair and immune-regulating proteins show sex-specific differences in an aged rat	Ayla G. Pearson*, Carly J. Smith*, Francis J. Ochman, Thomas P. Schaer, John C. Collins, Theresa A. Freeman
65	Halloran	Daniel	RUNX2/RUNX3 have critical roles in skeletogenesis, but are not required for chondrocyte hypertrophy	Halloran D, Feng X, Angelozzi M, Haseeb A, Voskamp C, Lefebvre V
66	Magarelli	Juliana	Developing an Inflammation-Responsive Drug Delivery System for Osteoarthritis	Magarelli J, Okpara C, Pashuck T, Gonzalez-Fernandez T, Chow L
67	Bergstrom	Annika	Cellular Uptake and Nuclear Localization of Biomimetic Proteoglycans	Bergstrom A, Li A, Palumbo S, Rukis E, Han L, Marcolongo M
68	Isaacs	David	Virtual Reality: The New Frontier of Orthopaedic Medical Student Education	Isaacs D, Croen BJ, Blaeser A, Cardwell M, Bernstein E, DePietro D, Cipriano C, Abramoff B
69	Feng	Xiaotian	Genomic occupancy profiling of RUNX2 and RUNX3 in growth plate chondrocytes deepens molecular understanding of skeletal	Xiaotian Feng, Daniel Halloran, Abdul Haseeb, Chantal Voskamp, and Véronique Lefebvre
70	Bolanos-Campos	Alexander	Investigating the Role of Cell Confinement on Piezo1 Activation	Bolanos-Campos A, Lozano Perez M, Tertuliano O
71	Thellapally	Sai	Effectiveness of Glue Mesh Fixation Versus Tacker Mesh Fixation in Reducing Hernia Recurrence and Postoperative Pain Following the	Al Taie Faisal, OMS-II; Thellapally Saikumar, OMS-II; Rahmani Abdul, OMS-II; Shah Umer, OMS-II; Kazi Farhan, OMS-II
72	Wagner	Maggie	Demystifying Nerve Conduction Studies: An Automated Approach to an Arduous Assessment	Wagner M, Vitale F, Baxter J
73	Duffy	Michael	Transcriptomic and epigenomic atlas of human bone marrow reveals gene regulatory networks and cell-cell interactions driving	Michael Duffy, Kyung Jin Ahn, Wayne Lam, Austin Yang, Shovik Bandyopadhyay, Kai Tan, Ling Qin
74	Ciociola	Carly	FLEX Ventilation Improves Pulmonary Function in a Rib-Tethered Mini-Pig Model of Thoracic Insufficiency Syndrome	Carly Ciociola, Jerrianne Brandly, Klaus Hopster, Madeline Boyes, Agathe Guillemet, Oscar H. Mayer, Alexander I. Gipsman, Brian Snyder,
75	Ciociola	Carly	Comparison of Different Animal Models To Assess Pulmonary Function Using Hyperpolarized Xenon129 MRI	C. Ciociola, A. Guillemet, K. Hopster K. Ruppert, H. Hamedani, L. Loza, F. Amzajerdian, S. Kadlecck, R. R. Rizzi, T. P. Schaer, B. Snyder, P.
76	Ciociola	Carly	Longitudinal Assessment of Trans-Endplate Diffusion in a Goat Model of Intervertebral Disc Degeneration	Carly Ciociola, Agathe Guillemet, Leslie Brewer, Harrah Newman, Sarah Gullbrand, Dawn Elliott, Thomas P. Schaer
77	Blank	Jon	Structural and functional adaptations of the rat Achilles tendon to long-term passive loading	Blank J, Gibson E, Tarazi M, Landis C, Soslowsky L, Baxter J
78	Thurlow	Nat	Reduction of Type III Collagen During Healing Worsens Mechanical Properties in Aged Mouse Tendons	Tamburro MK, Carlson JA, Weiss SN, Eekhoff JD, Yen W, Volk SW, Soslowsky LJ
79	Kotsaris	Georgios	Macrophage YAP/TAZ Signaling Mediates Mechanoregulation of Bone Fracture Repair	Georgios Kotsaris, Ana-Sofia Mongil, Madhura Nijsure, Elizabeth Bernstein, Annemarie Lang, Nathaniel Dymnt, Robert Mauck, Joel Boerckel
80	Li	Thomas	Metabolic Labeling Reveals a Critical Role for Decorin in the Assembly and Turnover of Cartilage Matrix	Thomas Li, Mingyue Fan, Annie Porter, Bryan Kwok, Chao Wang, David E. Birk, Renato V. Iozzo, X. Lucas Lu, Robert L. Mauck, Lin Han
81	Omar	Hisham	A Novel Approach To Segmental Meniscus Repair - Can We Improve Biomechanical Performance Of Meniscus Transplants And Reduce	Omar H, Syed A N, Landrum K, Sommer J, Shea K, Ganley T J, Hast M W
82	Nixon	Jacob	Scleraxis-Targeted Collagen XII Knockout Alters Mouse Achilles Tendon Structure, Function and Gene Expression during Postnatal	DiStefano M, Chenna S, Soslowsky L
83	Nixon	Jacob	The Temporal Role of Collagen XII in Mouse Tendon Healing	Nixon J, Weiss S, Dymnt N, Soslowsky L
84	Cottrell	Christiana	Computed Tomography-Based Assessment of Subtrochanteric Cortical Density in Bisphosphonate-Related Atypical Femoral Fracture	Cottrell C, Oshiro C, Garlapati S, Hurreh M, Rosen A, Drishaal Kumar S, Nguyen H, Bellissimo-Meade D, Tang A, Liu H, Gao J, Madi R, Ural
85	Zhang	Kexin	Cell-Instructive Hydrogel Platform with On-Demand Mechanical Regulation for Modeling Myelofibrosis	Kexin Z, Hardik MA, Nghi T, Kyle V
86	Roots	Andre	Designing Tunable Elastin-Like Protein Hydrogels to Study Skeletal Muscle Tissue Differentiation	Roots A, Madl C
87	Kanakarajan Vijaya Kumari	Pratheesh	Plasma-Assisted AgNP Functionalized 3D-Printed Lattice Scaffolds with Tunable Stiffness and Surface Curvature for Enhanced Osteogenic	Pratheesh K Vijaya Kumari, Jasmine Carpenter, Derrick Dean, Vineeth M Vijayan*
88	Nandish	Nilan	Opportunistic Osteoporosis Screening through Cervical Spine Analysis on Dental CT Scans	Nandish N, Ramesh S, Chen W, Farnham S, Collo D, Maddirala N, Chang M, Truong E, Nield J, Thomas D, Chen L, Rosen A, Wang L, Bhatt
89	Bernstein	Elizabeth	Intra-Articular Non-Muscle Myosin II Knockout Mitigates Pain and Synovial Hyperplasia After Joint Injury	Bernstein E, Garza G, Burt K, Croen B, Flaugh R, Miller L, Mauck R, Dymnt N
90	He	Qi	Bone marrow late mesenchymal progenitors regulate bone remodeling, hematopoiesis, and vasculature	Qi He, Qishui Liang, Yanhua Lan, Hanli Guo, Jingqi Fan, Kyu Sang Joeng, Ernestina Schipani, Nathaniel Dymnt, Ivo Kajazic, Ling Qin
91	Bonelli	Hannah	Comparative temporomandibular joint cartilage analysis to guide repair	Bonelli H.M., Barbella C., Ragbirsingh D.D., Kenawy H.M., Gottardi R.
92	Kwee	Brian	Regulatory T-cell targeting biomaterials for treating ischemic muscle injuries	Shields B,† Mottel L,† LaSalle C, Gallagher L, Kwee BJ
93	Choi	Eirene	A novel strategy for epigenetic and metabolic reprogramming of aged human mesenchymal stem cells	Eirene Choi, Matheus Moreira Perez, Alzbeta Chabronova, Amber Slaweski, Mandy Peffers, John Collins, Theresa A Freeman.
94	Johnson	Talayah	Mechanical Unloading via Sciatic Nerve Resection Delays Proliferative and Matrix-Driven Achilles Tendon Growth during Early Postnatal	Talayah Johnson, Natalie L. Fogarty, Alisia Lin, Destiny Miller, Madison Dennis, Jiaqi Xiang, Xi Jiang, Lin Han,
95	Jalloh	Umu	Macrolide Rapamycin Enhances DWIVA-Induced Osteogenesis in 3D Degradable Hydrogels	Umu S. Jalloh, Niva Shah, Sebastián L. Vega
96	Wu	Tiffany	Temporal Dysregulation of Chondrocyte Maturation and Extracellular Matrix Modification Following Neonatal Type III Collagen Loss in	Wu TC, Stewart DC, Yen W, Liu Y, Wong S, Han L, Mauck RL, Volk SW
97	Ochman	Francis	Effects of the combined treatment of MDL-800 (a SIRT6 activator) and selonsertib (an ASK1 inhibitor) on muscle repair after surgical	Francis J. Ochman, Ayla Pearson, Matheus M. Perez, John A. Collins, Theresa A. Freeman
98	Chow	Lesley	Peptide-functionalized 3D-printed biomaterial scaffolds direct in situ osteochondral tissue regeneration	Kitson A, Santos MM, Korte SL, Krick BA, Engiles JB, Schaer TP, Chow LW
99	Spurri	Amanda	Visible Near-Infrared (VNIR) Spectroscopy of OARSI-Scored Human Joint Tissues	Spurri A, Kust SJ, Baylin P, Fentaw B, Arnold A, Barnes L, Proca D, Pleshko N
100	Hallstrom	Grey	Spatial transcriptomics reveal unique molecular signatures of the developing Achilles Tendon	Grey Hallstrom, Xi Jiang, Nathaniel Dymnt
101	Gottlieb	Devin	The Role of Hypertrophic Chondrocyte YAP/TAZ Mechanosignaling in Fetal Bone Development	Gottlieb D, Panebianco C, Boerckel J
102	Pabon	Mariah	Elucidating the Effects of Yap Overexpression in Tendon Remodeling and Cytoskeletal Re-tensioning	Pabon M
103	Moreira Perez	Matheus	MDL-800-induced activation of SIRT6 regulates chondrogenic differentiation and cartilage formation	Perez MM, Choi E, Melvage A, Slaweski A, Peffers MJ, Freeman T, Collins JA
104	Recktenwald	Matthias	HydroBone: An Injectable BMP-2 Peptide Hydrogel for Bone Fracture Repair	Recktenwald M, Love S, Sims M, Jalloh U, Kim T, Vega S
105	Moharrer	Yasaman	YAP and TAZ mediate mechanical load-induced bone adaptation and osteocyte mechanosensing	Yasaman Moharrer , Daniel Horan, Tala Azar, Annemarie Lang, Alexander Robling, X. Sherry Liu, Joel D. Boerckel
106	Ocaranza-Nunez	Diego	Mechanical Stress and Heterotopic Ossification Progression in Fibrodysplasia Ossificans Progressiva	Ocaranza-Nunez D, Mejias-Rivera L, Roberts D, Shore EM
107	McLaughlin	Eri	Effect of Fluoride Treatments on Dental Implant Osseointegration in Mice	Effect of Fluoride Treatments on Dental Implant Osseointegration in Mice
108	Martin	Shaniqua	Determining the Role of NRF2 in NGF-TrkA signaling in Bone	Shaniqua Martin, Ryan E. Tomlinson
109	Godarzi	Jagger	Are Total Wrist Arthroplasty Surgeries Being Performed More Frequently?	Jagger Godarzi MS, Shiraz Mumtaz MD, Elizabeth Blears MD, Kimberly Dong BS, Zachary Demetriou BS, Yousef Soliman BS, Asif Ilyas
	Berlew	Erin	Single-component optogenetic tools for bi-directional control of RhoA signaling	Berlew EE, Camacho P, Wang T, Chow BY, Boerckel JD