# Stephen H Schlecht

List of Publications by Year
in descending order



| 28 | 505 | 567144 15 | 713332 21 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 29 | 29 | 29 | 671 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | State of the mineralized tissue comprising the femoral ACL enthesis in young women with an ACL failure. Journal of Orthopaedic Research, 2022, 40, 826-837. | 1.2 | 1 |
| 2 | Endurance running during late murine adolescence results in a stronger anterior cruciate ligament and flatter posterior tibial slopes compared to controls. Journal of Experimental Orthopaedics, 2022, 9, 3. | 0.8 | 0 |
| 3 | Sex and External Size Specific Limitations in Assessing Bone Health From Adult Hand Radiographs. JBMR Plus, 2022, 6, . | 1.3 | 0 |
| 4 | Region-specific associations among tissue-level mechanical properties, porosity, and composition in human male femora. Journal of Biomechanics, 2022, 139, 111144. | 0.9 | 0 |
| 5 | In vivo quantitative imaging biomarkers of bone quality and mineral density using multi-band-SWIFT magnetic resonance imaging. Bone, 2021, 143, 115615. | 1.4 | 6 |
| 6 | A xenograft model to evaluate the bone forming effects of sclerostin antibody in human bone derived from pediatric osteogenesis imperfecta patients. Bone, 2020, 130, 115118. | 1.4 | 5 |
| 7 | Gene Expression Profile and Acute Gene Expression Response to Sclerostin Inhibition in Osteogenesis Imperfecta Bone. JBMR Plus, 2020, 4, e10377. | 1.3 | 1 |
| 8 | An Anterior Cruciate Ligament Failure Mechanism. American Journal of Sports Medicine, 2019, 47, 2067-2076. | 1.9 | 41 |
| 9 | External Bone Size Is a Key Determinant of Strength-Decline Trajectories of Aging Male Radii. Journal of Bone and Mineral Research, 2019, 34, 825-837. | 3.1 | 22 |
| 10 | Morphology of Mouse Anterior Cruciate Ligamentâ€Complex Changes Following Exercise During Pubertal Growth. Journal of Orthopaedic Research, 2019, 37, 1910-1919. | 1.2 | 9 |
| 11 | Differential changes in bone strength of two inbred mouse strains following administration of a sclerostin-neutralizing antibody during growth. PLoS ONE, 2019, 14, e0214520. | 1.1 | 1 |
| 12 | The relationship between whole bone stiffness and strength is age and sex dependent. Journal of Biomechanics, 2019, 83, 125-133. | 0.9 | 39 |
| 13 | Differential Adaptive Response of Growing Bones From Two Female Inbred Mouse Strains to Voluntary Cageâ€Wheel Running. JBMR Plus, 2018, 2, 143-153. | 1.3 | 4 |
| 14 | The biorhythm of human skeletal growth. Journal of Anatomy, 2018, 232, 26-38. | 0.9 | 20 |
| 15 | Femoral Neck External Size but not aBMD Predicts Structural and Mass Changes for Women Transitioning Through Menopause. Journal of Bone and Mineral Research, 2017, 32, 1218-1228. | 3.1 | 21 |
| 16 | Canalization Leads to Similar Whole Bone Mechanical Function at Maturity in Two Inbred Strains of Mice. Journal of Bone and Mineral Research, 2017, 32, 1002-1013. | 3.1 | 8 |
| 17 | Rib Geometry Explains Variation in Dynamic Structural Response: Potential Implications for Frontal Impact Fracture Risk. Annals of Biomedical Engineering, 2017, 45, 2159-2173. | 1.3 | 23 |
| 18 | On the heterogeneity of the femoral enthesis of the human ACL: microscopic anatomy and clinical implications. Journal of Experimental Orthopaedics, 2016, 3, 14. | 0.8 | 40 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Biorhythms, deciduous enamel thickness, and primary bone growth: a test of the Haversâ€Halberg Oscillation hypothesis. Journal of Anatomy, 2016, 228, 919-928. | 0.9 | 18 |
| 20 | Moving toward a prevention strategy for osteoporosis by giving a voice to a silent disease. Women's Midlife Health, 2016, 2, . | 0.5 | 4 |
| 21 | Quantitative comparison of the microscopic anatomy of the human ACL femoral and tibial entheses. Journal of Orthopaedic Research, 2015, 33, 1811-1817. | 1.2 | 49 |
| 22 | Women Build Long Bones With Less Cortical Mass Relative to Body Size and Bone Size Compared With Men. Clinical Orthopaedics and Related Research, 2015, 473, 2530-2539. | 0.7 | 25 |
| 23 | The use of nano-computed tomography to enhance musculoskeletal research. Connective Tissue Research, 2015, 56, 106-119. | 1.1 | 37 |
| 24 | How Does Bone Strength Compare Across Sex, Site, and Ethnicity?. Clinical Orthopaedics and Related Research, 2015, 473, 2540-2547. | 0.7 | 30 |
| 25 | Mapping the natural variation in whole bone stiffness and strength across skeletal sites. Bone, 2014, 67, 15-22. | 1.4 | 26 |
| 26 | Are we taking full advantage of the growing number of pharmacological treatment options for osteoporosis?. Current Opinion in Pharmacology, 2014, 16, 64-71. | 1.7 | 4 |
| 27 | Functional integration of skeletal traits: An intraskeletal assessment of bone size, mineralization, and volume covariance. Bone, 2013, 56, 127-138. | 1.4 | 35 |
| 28 | Brief communication: The effects of disuse on the mechanical properties of bone: What unloading tells us about the adaptive nature of skeletal tissue. American Journal of Physical Anthropology, 2012, 149, 599-605. | 2.1 | 35 |