# Cathleen L Raggio

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9858644/publications.pdf

Version: 2024-02-01

| | | | |
|---|---|---|---|
| 44 papers | 1,218 citations | 393982 19 h-index | 377514 34 g-index |
| 48 all docs | 48 docs citations | 48 times ranked | 1392 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The Material Basis for Reduced Mechanical Properties in oim Mice Bones. Journal of Bone and Mineral Research, 1999, 14, 264-272. | 3.1 | 144 |
| 2 | An Approach to the Identification of Anomalies and Etiologies in Neonates with Identified or Suspected VACTERL (Vertebral Defects, Anal Atresia, Tracheo-Esophageal Fistula with Esophageal) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2014, 164, 451-457.e1. | 0.9 | 83 |
| 3 | Differential effects of alendronate treatment on bone from growing osteogenesis imperfecta and wild-type mouse. Bone, 2005, 36, 150-158. | 1.4 | 73 |
| 4 | Alendronate Treatment for Infants with Osteogenesis Imperfecta: Demonstration of Efficacy in a Mouse Model. Pediatric Research, 2002, 52, 660-670. | 1.1 | 66 |
| 5 | TBX6-associated congenital scoliosis (TACS) as a clinically distinguishable subtype of congenital scoliosis: further evidence supporting the compound inheritance and TBX6 gene dosage model. Genetics in Medicine, 2019, 21, 1548-1558. | 1.1 | 60 |
| 6 | A missense variant in SLC39A8 is associated with severe idiopathic scoliosis. Nature Communications, 2018, 9, 4171. | 5.8 | 59 |
| 7 | Alendronate Treatment of the Brtl Osteogenesis Imperfecta Mouse Improves Femoral Geometry and Load Response Before Fracture but Decreases Predicted Material Properties and Has Detrimental Effects on Osteoblasts and Bone Formation. Journal of Bone and Mineral Research, 2009, 24, 849-859. | 3.1 | 57 |
| 8 | A novel locus for adolescent idiopathic scoliosis on chromosome 12p. Journal of Orthopaedic Research, 2009, 27, 1366-1372. | 1.2 | 54 |
| 9 | Best practices in the evaluation and treatment of foramen magnum stenosis in achondroplasia during infancy. American Journal of Medical Genetics, Part A, 2016, 170, 42-51. | 0.7 | 54 |
| 10 | Synteny-defined candidate genes for congenital and idiopathic scoliosis. American Journal of Medical Genetics Part A, 1999, 83, 164-177. | 2.4 | 47 |
| 11 | Sexual Dimorphism in Adolescent Idiopathic Scoliosis. Orthopedic Clinics of North America, 2006, 37, 555-558. | 0.5 | 44 |
| 12 | International Consensus Statement on the diagnosis, multidisciplinary management and lifelong care of individuals with achondroplasia. Nature Reviews Endocrinology, 2022, 18, 173-189. | 4.3 | 44 |
| 13 | Advances in understanding etiology of achondroplasia and review of management. Current Opinion in Pediatrics, 2007, 19, 32-37. | 1.0 | 40 |
| 14 | RANKL Inhibition Improves Bone Properties in a Mouse Model of Osteogenesis Imperfecta. Connective Tissue Research, 2010, 51, 123-131. | 1.1 | 34 |
| 15 | Best practices in periâ€operative management of patients with skeletal dysplasias. American Journal of Medical Genetics, Part A, 2017, 173, 2584-2595. | 0.7 | 31 |
| 16 | Lifetime impact of achondroplasia: Current evidence and perspectives on the natural history. Bone, 2021, 146, 115872. | 1.4 | 30 |
| 17 | Best practice guidelines regarding prenatal evaluation and delivery of patients with skeletal dysplasia. American Journal of Obstetrics and Gynecology, 2018, 219, 545-562. | 0.7 | 29 |
| 18 | A Multicenter Observational Cohort Study to Evaluate the Effects of Bisphosphonate Exposure on Bone Mineral Density and Other Health Outcomes in Osteogenesis Imperfecta. JBMR Plus, 2019, 3, e10118. | 1.3 | 22 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Scoliosis and Cardiopulmonary Outcomes in Osteogenesis Imperfecta Patients. Spine, 2019, 44, 1057-1063. | 1.0 | 22 |
| 20 | High- and low-dose OPGâ€“Fc cause osteopetrosis-like changes in infant mice. Pediatric Research, 2012, 72, 495-501. | 1.1 | 20 |
| 21 | Are Changes in Composition in Response to Treatment of a Mouse Model of Osteogenesis Imperfecta Sex-dependent?. Clinical Orthopaedics and Related Research, 2015, 473, 2587-2598. | 0.7 | 20 |
| 22 | Cardiopulmonary Status in Adults with Osteogenesis Imperfecta: Intrinsic Lung Disease May Contribute More Than Scoliosis. Clinical Orthopaedics and Related Research, 2020, 478, 2833-2843. | 0.7 | 18 |
| 23 | Hearing loss in individuals with osteogenesis imperfecta in North America: Results from a multicenter study. American Journal of Medical Genetics, Part A, 2020, 182, 697-704. | 0.7 | 17 |
| 24 | Best practice guidelines for management of spinal disorders in skeletal dysplasia. Orphanet Journal of Rare Diseases, 2020, 15, 161. | 1.2 | 14 |
| 25 | Acetabular Protrusio and Proximal Femur Fractures in Patients With Osteogenesis Imperfecta. Journal of Pediatric Orthopaedics, 2015, 35, 645-649. | 0.6 | 13 |
| 26 | Best practice guidelines in managing the craniofacial aspects of skeletal dysplasia. Orphanet Journal of Rare Diseases, 2021, 16, 31. | 1.2 | 13 |
| 27 | Acetabular Protrusio in Patients With Osteogenesis Imperfecta: Risk Factors and Progression. Journal of Pediatric Orthopaedics, 2019, 39, e750-e754. | 0.6 | 12 |
| 28 | Quality of life in adults with achondroplasia in the United States. American Journal of Medical Genetics, Part A, 2021, 185, 695-701. | 0.7 | 12 |
| 29 | Distal chromosome 16p11.2 duplications containing SH2B1 in patients with scoliosis. Journal of Medical Genetics, 2019, 56, 427-433. | 1.5 | 11 |
| 30 | Identification of theoim mutation by dye terminator chemistry combined with automated direct DNA sequencing. Journal of Orthopaedic Research, 1998, 16, 38-42. | 1.2 | 10 |
| 31 | Respiratory impairment impacts QOL in osteogenesis imperfecta independent of skeletal abnormalities. Archives of Osteoporosis, 2020, 15, 153. | 1.0 | 9 |
| 32 | Orthopedic considerations and surgical outcomes in Ehlersâ€“Danlos syndromes. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2021, 187, 458-465. | 0.7 | 7 |
| 33 | Bone robusticity in two distinct skeletal dysplasias diverges from established patterns. Journal of Orthopaedic Research, 2017, 35, 2392-2396. | 1.2 | 6 |
| 34 | Joint Replacements in Individuals With Skeletal Dysplasias: One Institutionâ€™s Experience and Response to Operative Complications. Journal of Arthroplasty, 2020, 35, 1993-2001. | 1.5 | 6 |
| 35 | Complications and Revisions After Spine Surgery in Patients With Skeletal Dysplasia: Have We Improved?. Global Spine Journal, 2023, 13, 268-275. | 1.2 | 6 |
| 36 | Patientâ€reported prevalence of gastrointestinal issues in the adult skeletal dysplasia population with a concentration on osteogenesis imperfecta. American Journal of Medical Genetics, Part A, 2022, , . | 0.7 | 6 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Clinical application of near infrared fiber optic spectroscopy for noninvasive bone assessment. Journal of Biophotonics, 2020, 13, e201960172. | 1.1 | 5 |
| 38 | TLE4 Is a Critical Mediator of Osteoblast and Runx2-Dependent Bone Development. Frontiers in Cell and Developmental Biology, 2021, 9, 671029. | 1.8 | 5 |
| 39 | Multiparametric Classification of Skin from Osteogenesis Imperfecta Patients and Controls by Quantitative Magnetic Resonance Microimaging. PLoS ONE, 2016, 11, e0157891. | 1.1 | 4 |
| 40 | The Kathryn O. and Alan C. Greenberg Center for Skeletal Dysplasias: An Interdisciplinary Approach. HSS Journal, 2008, 4, 112-116. | 0.7 | 3 |
| 41 | Response: â€œBest practices in the evaluation and treatment of foramen magnum stenosis in achondroplasia during infancyâ€•and â€œis there a correlation between sleep disordered breathing and foramen magnum stenosis in children with achondroplasia?â€• American Journal of Medical Genetics, Part A, 2016, 170, 1101-1103. | 0.7 | 3 |
| 42 | Best practice guidelines regarding diagnosis and management of patients with type II collagen disorders. Genetics in Medicine, 2019, 21, 2070-2080. | 1.1 | 3 |
| 43 | Novel missense ACAN gene variants linked to familial osteochondritis dissecans cluster in the C-terminal globular domain of aggrecan. Scientific Reports, 2022, 12, 5215. | 1.6 | 2 |
| 44 | The Effect of Stontium Ranelate on Fracture Reduction in Osteogenesis Imperfecta is Comparable to Recent Bisphosphonate Data. Journal of Bone and Mineral Research, 2016, 31, 2065-2065. | 3.1 | 0 |