

John A Shepherd

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

269
papers

10,574
citations

56
h-index

95
g-index

305
ext. papers

12,951
ext. citations

5.5
avg. IF

6.14
L-index

#	Paper	IF	Citations
269	Emergence of the obesity epidemic: six decade visualization with humanoid avatars.. <i>American Journal of Clinical Nutrition</i> , 2022 ,	7	2
268	Sugar-sweetened beverage consumption and breast composition in a longitudinal study of Chilean girls.. <i>Breast Cancer Research</i> , 2022 , 24, 3	8.3	
267	Prognostic utility of self-reported sarcopenia (SARC-F) in the Multiethnic Cohort.. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022 ,	10.3	1
266	Ranks underlie outcome of combining classifiers: Quantitative roles for and .. <i>Patterns</i> , 2022 , 3, 100415	5.1	0
265	What Is a ?. <i>Nutrients</i> , 2022 , 14,	6.7	1
264	Digital Anthropometry for Body Circumference Measurements: European Phenotypic Variations throughout the Decades. <i>Journal of Personalized Medicine</i> , 2022 , 12, 906	3.6	0
263	CYP11B1 variants influence skeletal maturation via alternative splicing. <i>Communications Biology</i> , 2021 , 4, 1274	6.7	0
262	Changes in Bone Mineral Density Following Conventional Oral Phosphonate Treatment of Hypophosphatemic Osteomalacia: A Non-Randomized Controlled Study. <i>International Journal of General Medicine</i> , 2021 , 14, 7925-7931	2.3	
261	Mammary collagen architecture and its association with mammographic density and lesion severity among women undergoing image-guided breast biopsy. <i>Breast Cancer Research</i> , 2021 , 23, 105	8.3	1
260	Assessment of clinical measures of total and regional body composition from a commercial 3-dimensional optical body scanner.. <i>Clinical Nutrition</i> , 2021 , 41, 211-218	5.9	1
259	The Passing of the Baton Memory of Professor Harry Genant MD. <i>Journal of Clinical Densitometry</i> , 2021 , 24, 169-174	3.5	1
258	Metabolic syndrome screening using visceral adipose tissue (VAT) from opportunistic MRI locations in a multi-ethnic population. <i>Obesity Research and Clinical Practice</i> , 2021 , 15, 227-234	5.4	2
257	Multicomponent density models for body composition: Review of the dual energy X-ray absorptiometry volume approach. <i>Obesity Reviews</i> , 2021 , 22, e13274	10.6	0
256	Predictors of liver fat among children and adolescents from five different ethnic groups. <i>Obesity Science and Practice</i> , 2021 , 7, 53-62	2.6	1
255	Digital anthropometry for body circumference measurements: Toward the development of universal three-dimensional optical system analysis software. <i>Obesity Science and Practice</i> , 2021 , 7, 35-44	2.6	5
254	Genome-wide association study implicates novel loci and reveals candidate effector genes for longitudinal pediatric bone accrual. <i>Genome Biology</i> , 2021 , 22, 1	18.3	58
253	Body Fat Distribution, Glucose Metabolism, and Diabetes Status among Older Adults: The Multiethnic Cohort Adiposity Phenotype Study. <i>Journal of Epidemiology</i> , 2021 ,	3.4	3

252	Associations of the gut microbiome with hepatic adiposity in the Multiethnic Cohort Adiposity Phenotype Study. <i>Gut Microbes</i> , 2021 , 13, 1965463	8.8	1
251	Association of mammographic density measures and breast cancer "intrinsic" molecular subtypes. <i>Breast Cancer Research and Treatment</i> , 2021 , 187, 215-224	4.4	3
250	Utility of self-rated adherence for monitoring dietary and physical activity compliance and assessment of participant feedback of the Healthy Diet and Lifestyle Study pilot. <i>Pilot and Feasibility Studies</i> , 2021 , 7, 48	1.9	1
249	Total body and regional surface area: Quantification with low-cost three-dimensional optical imaging systems. <i>American Journal of Physical Anthropology</i> , 2021 , 175, 865-875	2.5	1
248	Impact of postpartum tenofovir-based antiretroviral therapy on bone mineral density in breastfeeding women with HIV enrolled in a randomized clinical trial. <i>PLoS ONE</i> , 2021 , 16, e0246272	3.7	0
247	Association of Daily Alcohol Intake, Volumetric Breast Density, and Breast Cancer Risk. <i>JNCI Cancer Spectrum</i> , 2021 , 5, pkaa124	4.6	0
246	Assessment of Arm Volume Using a Tape Measure Versus a 3D Optical Scanner in Survivors with Breast Cancer-Related Lymphedema. <i>Lymphatic Research and Biology</i> , 2021 ,	2.3	2
245	Genome-wide association study of pancreatic fat: The Multiethnic Cohort Adiposity Phenotype Study. <i>PLoS ONE</i> , 2021 , 16, e0249615	3.7	0
244	Digital anthropometric volumes: Toward the development and validation of a universal software. <i>Medical Physics</i> , 2021 , 48, 3654-3664	4.4	3
243	Mammographic Variation Measures, Breast Density, and Breast Cancer Risk. <i>American Journal of Roentgenology</i> , 2021 , 217, 326-335	5.4	3
242	Deep Learning Predicts Interval and Screening-detected Cancer from Screening Mammograms: A Case-Case-Control Study in 6369 Women. <i>Radiology</i> , 2021 , 301, 550-558	20.5	2
241	Diet and Liver Adiposity in Older Adults: The Multiethnic Cohort Adiposity Phenotype Study. <i>Journal of Nutrition</i> , 2021 , 151, 3579-3587	4.1	1
240	A pose-independent method for accurate and precise body composition from 3D optical scans. <i>Obesity</i> , 2021 , 29, 1835-1847	8	1
239	Biomarker-based visceral adiposity score and incident type 2 diabetes in the multiethnic cohort. <i>Annals of Epidemiology</i> , 2021 , 63, 29-34	6.4	
238	Circulating Biomarker Score for Visceral Fat and Risks of Incident Colorectal and Postmenopausal Breast Cancer: The Multiethnic Cohort Adiposity Phenotype Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020 , 29, 966-973	4	12
237	Measuring fat mass in body equivalent materials using an RF resonant cavity. <i>Medical Physics</i> , 2020 , 47, 3945-3951	4.4	
236	Adjusting waist circumference for stature: Perspective on Ashwell and Gibson comments. <i>Obesity Reviews</i> , 2020 , 21, e13072	10.6	1
235	Effect of excessive gestational weight on daughters' breast density at the end of puberty onset. <i>Scientific Reports</i> , 2020 , 10, 6636	4.9	1

234	Diet Quality and Visceral Adiposity among a Multiethnic Population of Young, Middle, and Older Aged Adults. <i>Current Developments in Nutrition</i> , 2020 , 4, nzaa090	0.4	2
233	Pediatric Reference Ranges for Ultradistal Radius Bone Density: Results from the Bone Mineral Density in Childhood Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	9
232	Novel body fat estimation using machine learning and 3-dimensional optical imaging. <i>European Journal of Clinical Nutrition</i> , 2020 , 74, 842-845	5.2	7
231	Genome-Wide Association Study of Liver Fat: The Multiethnic Cohort Adiposity Phenotype Study. <i>Hepatology Communications</i> , 2020 , 4, 1112-1123	6	8
230	Associations of plasma trimethylamine N-oxide, choline, carnitine, and betaine with inflammatory and cardiometabolic risk biomarkers and the fecal microbiome in the Multiethnic Cohort Adiposity Phenotype Study. <i>American Journal of Clinical Nutrition</i> , 2020 , 111, 1226-1234	7	44
229	Relationship of Serum Progesterone and Progesterone Metabolites with Mammographic Breast Density and Terminal Ductal Lobular Unit Involution among Women Undergoing Diagnostic Breast Biopsy. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	3
228	Differences in the association of diet quality with body fat distribution between men and women. <i>European Journal of Clinical Nutrition</i> , 2020 , 74, 1434-1441	5.2	5
227	Stiff stroma increases breast cancer risk by inducing the oncogene ZNF217. <i>Journal of Clinical Investigation</i> , 2020 , 130, 5721-5737	15.9	19
226	Association of Imaging-Based Body Fat Distribution and Mammographic Density in the Multiethnic Cohort Adiposity Phenotype Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020 , 29, 352-358	4	2
225	Predicting 3D body shape and body composition from conventional 2D photography. <i>Medical Physics</i> , 2020 , 47, 6232-6245	4.4	4
224	Effects of Time-Restricted Eating on Weight Loss and Other Metabolic Parameters in Women and Men With Overweight and Obesity: The TREAT Randomized Clinical Trial. <i>JAMA Internal Medicine</i> , 2020 , 180, 1491-1499	11.5	107
223	Association between indicators of systemic inflammation biomarkers during puberty with breast density and onset of menarche. <i>Breast Cancer Research</i> , 2020 , 22, 104	8.3	3
222	Distinct phenotypic characteristics of normal-weight adults at risk of developing cardiovascular and metabolic diseases. <i>American Journal of Clinical Nutrition</i> , 2020 , 112, 967-978	7	1
221	Intermachine differences in DXA measurements vary by skeletal site, and impact the assessment of low bone density in children. <i>Bone</i> , 2020 , 141, 115581	4.7	2
220	Fully Automated Pipeline for Body Composition Estimation from 3D Optical Scans using Principal Component Analysis: A Shape Up Study. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2020 , 2020, 1853-1858	0.9	0
219	Myosteatosis in the Context of Skeletal Muscle Function Deficit: An Interdisciplinary Workshop at the National Institute on Aging. <i>Frontiers in Physiology</i> , 2020 , 11, 963	4.6	65
218	Optical imaging technology for body size and shape analysis: evaluation of a system designed for personal use. <i>European Journal of Clinical Nutrition</i> , 2020 , 74, 920-929	5.2	6
217	Optimum waist circumference-height indices for evaluating adult adiposity: An analytic review. <i>Obesity Reviews</i> , 2020 , 21, e12947	10.6	13

216	Body Composition Measurements from Birth through 5 Years: Challenges, Gaps, and Existing & Emerging Technologies-A National Institutes of Health workshop. <i>Obesity Reviews</i> , 2020 , 21, e13033	10.6	13
215	Environmental exposures during windows of susceptibility for breast cancer: a framework for prevention research. <i>Breast Cancer Research</i> , 2019 , 21, 96	8.3	77
214	Detailed 3-dimensional body shape features predict body composition, blood metabolites, and functional strength: the Shape Up! studies. <i>American Journal of Clinical Nutrition</i> , 2019 , 110, 1316-1326	7	28
213	Postmenopausal osteoporotic fracture-associated COLIA1 variant impacts bone accretion in girls. <i>Bone</i> , 2019 , 121, 221-226	4.7	4
212	Localized mammographic density is associated with interval cancer and large breast cancer: a nested case-control study. <i>Breast Cancer Research</i> , 2019 , 21, 8	8.3	5
211	Effects of Intermittent Energy Restriction Combined with a Mediterranean Diet on Reducing Visceral Adiposity: A Randomized Active Comparator Pilot Study. <i>Nutrients</i> , 2019 , 11,	6.7	18
210	Deep learning networks find unique mammographic differences in previous negative mammograms between interval and screen-detected cancers: a case-case study. <i>Cancer Imaging</i> , 2019 , 19, 41	5.6	11
209	Changes in Visceral and Subcutaneous Fat in Youth With Type 2 Diabetes in the TODAY Study. <i>Diabetes Care</i> , 2019 , 42, 1549-1559	14.6	5
208	Combined effect of volumetric breast density and body mass index on breast cancer risk. <i>Breast Cancer Research and Treatment</i> , 2019 , 177, 165-173	4.4	8
207	Fecal Microbial Diversity and Structure Are Associated with Diet Quality in the Multiethnic Cohort Adiposity Phenotype Study. <i>Journal of Nutrition</i> , 2019 , 149, 1575-1584	4.1	21
206	Longitudinal Changes in Volumetric Breast Density in Healthy Women across the Menopausal Transition. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019 , 28, 1324-1330	4	8
205	Greater Height Is Associated with a Larger Carotid Lumen Diameter. <i>Medicines (Basel, Switzerland)</i> , 2019 , 6,	4.1	2
204	Derived mammographic masking measures based on simulated lesions predict the risk of interval cancer after controlling for known risk factors: a case-case analysis. <i>Medical Physics</i> , 2019 , 46, 1309-1316	4.4	0
203	Propensity for Intra-abdominal and Hepatic Adiposity Varies Among Ethnic Groups. <i>Gastroenterology</i> , 2019 , 156, 966-975.e10	13.3	44
202	Maternal and Infant Bone Mineral Density 1 Year After Delivery in a Randomized, Controlled Trial of Maternal Tenofovir Disoproxil Fumarate to Prevent Mother-to-child Transmission of Hepatitis B Virus. <i>Clinical Infectious Diseases</i> , 2019 , 69, 144-146	11.6	11
201	Body mass index, mammographic density, and breast cancer risk by estrogen receptor subtype. <i>Breast Cancer Research</i> , 2019 , 21, 48	8.3	35
200	Predictors of response to insulin therapy in youth with poorly-controlled type 2 diabetes in the TODAY trial. <i>Pediatric Diabetes</i> , 2019 , 20, 871-879	3.6	7
199	Executive Summary of the 2019 ISCD Position Development Conference on Monitoring Treatment, DXA Cross-calibration and Least Significant Change, Spinal Cord Injury, Peri-prosthetic and Orthopedic Bone Health, Transgender Medicine, and Pediatrics. <i>Journal of Clinical Densitometry</i> , 2019 , 22, 159-171	3.5	112

198	Relationship of circulating insulin-like growth factor-I and binding proteins 1-7 with mammographic density among women undergoing image-guided diagnostic breast biopsy. <i>Breast Cancer Research</i> , 2019 , 21, 81	8.3	3
197	Automated volumetric breast density measures: differential change between breasts in women with and without breast cancer. <i>Breast Cancer Research</i> , 2019 , 21, 118	8.3	7
196	Children and Adolescents' Anthropometrics Body Composition from 3-D Optical Surface Scans. <i>Obesity</i> , 2019 , 27, 1738-1749	8	16
195	Cross-calibration, Least Significant Change and Quality Assurance in Multiple Dual-Energy X-ray Absorptiometry Scanner Environments: 2019 ISCD Official Position. <i>Journal of Clinical Densitometry</i> , 2019 , 22, 472-483	3.5	15
194	Use of Bone Health Evaluation in Orthopedic Surgery: 2019 ISCD Official Position. <i>Journal of Clinical Densitometry</i> , 2019 , 22, 517-543	3.5	21
193	Measurement challenge: protocol for international case-control comparison of mammographic measures that predict breast cancer risk. <i>BMJ Open</i> , 2019 , 9, e031041	3	9
192	Using Digital Pathology to Understand Epithelial Characteristics of Benign Breast Disease among Women Undergoing Diagnostic Image-Guided Breast Biopsy. <i>Cancer Prevention Research</i> , 2019 , 12, 861-870	3.2	3
191	Application of convolutional neural networks to breast biopsies to delineate tissue correlates of mammographic breast density. <i>Npj Breast Cancer</i> , 2019 , 5, 43	7.8	6
190	Hole Filling in 3D Scans for Digital Anthropometric Applications. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2019 , 2019, 2752-2757	0.9	2
189	Pubertal timing and breast density in young women: a prospective cohort study. <i>Breast Cancer Research</i> , 2019 , 21, 122	8.3	4
188	Pediatric Bone Mineral Accrual Z-Score Calculation Equations and Their Application in Childhood Disease. <i>Journal of Bone and Mineral Research</i> , 2019 , 34, 195-203	6.3	19
187	Improved strength prediction combining clinically available measures of skeletal muscle mass and quality. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019 , 10, 84-94	10.3	26
186	Combined Benefit of Quantitative Three-Compartment Breast Image Analysis and Mammography Radiomics in the Classification of Breast Masses in a Clinical Data Set. <i>Radiology</i> , 2019 , 290, 621-628	20.5	17
185	Lumbar Spine Bone Mineral Apparent Density in Children: Results From the Bone Mineral Density in Childhood Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 1283-1292	5.6	25
184	Does mammographic density mediate risk factor associations with breast cancer? An analysis by tumor characteristics. <i>Breast Cancer Research and Treatment</i> , 2018 , 170, 129-141	4.4	7
183	Transethnic Evaluation Identifies Low-Frequency Loci Associated With 25-Hydroxyvitamin D Concentrations. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 1380-1392	5.6	18
182	Lipid Profiles, Inflammatory Markers, and Insulin Therapy in Youth with Type 2 Diabetes. <i>Journal of Pediatrics</i> , 2018 , 196, 208-216.e2	3.6	19
181	Cardiac Biomarkers in Youth with Type 2 Diabetes Mellitus: Results from the TODAY Study. <i>Journal of Pediatrics</i> , 2018 , 192, 86-92.e5	3.6	5

180	Interpretation of Dual-Energy X-Ray Absorptiometry-Derived Body Composition Change in Athletes: A Review and Recommendations for Best Practice. <i>Journal of Clinical Densitometry</i> , 2018 , 21, 429-443	3.5	24
179	Physical Activity and Bone Accretion: Isotemporal Modeling and Genetic Interactions. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 977-986	1.2	3
178	Comparison of Surgical and Medical Therapy for Type 2 Diabetes in Severely Obese Adolescents. <i>JAMA Pediatrics</i> , 2018 , 172, 452-460	8.3	95
177	Genetically Determined Later Puberty Impacts Lowered Bone Mineral Density in Childhood and Adulthood. <i>Journal of Bone and Mineral Research</i> , 2018 , 33, 430-436	6.3	24
176	Automated and Clinical Breast Imaging Reporting and Data System Density Measures Predict Risk for Screen-Detected and Interval Cancers: A Case-Control Study. <i>Annals of Internal Medicine</i> , 2018 , 168, 757-765	8	42
175	Digital anthropometry: a critical review. <i>European Journal of Clinical Nutrition</i> , 2018 , 72, 680-687	5.2	45
174	Validation of rapid 4-component body composition assessment with the use of dual-energy X-ray absorptiometry and bioelectrical impedance analysis. <i>American Journal of Clinical Nutrition</i> , 2018 , 108, 708-715	7	17
173	Faster ticking rate of the epigenetic clock is associated with faster pubertal development in girls. <i>Epigenetics</i> , 2018 , 13, 85-94	5.7	56
172	Multidimensional Bone Density Phenotyping Reveals New Insights Into Genetic Regulation of the Pediatric Skeleton. <i>Journal of Bone and Mineral Research</i> , 2018 , 33, 812-821	6.3	5
171	Insulin Sensitivity and Diabetic Kidney Disease in Children and Adolescents With Type 2 Diabetes: An Observational Analysis of Data From the TODAY Clinical Trial. <i>American Journal of Kidney Diseases</i> , 2018 , 71, 65-74	7.4	38
170	Tenofovir Disoproxil Fumarate Use during Pregnancy and Infant Bone Health: the Tenofovir in Pregnancy Pilot Study. <i>Pediatric Infectious Disease Journal</i> , 2018 , 37, e264-e268	3.4	7
169	Inverse association between estrogen receptor-DNA methylation and breast composition in adolescent Chilean girls. <i>Clinical Epigenetics</i> , 2018 , 10, 122	7.7	3
168	Subcutaneous Fat Fibrosis Links Obesity to Insulin Resistance in Chinese Americans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 3194-3204	5.6	22
167	Prepubertal and Pubertal Endocrine-Disrupting Chemical Exposure and Breast Density among Chilean Adolescents. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018 , 27, 1491-1499	4	19
166	Intake of dietary carbohydrates in early adulthood and adolescence and breast density among young women. <i>Cancer Causes and Control</i> , 2018 , 29, 631-642	2.8	5
165	Body-composition changes in the Comprehensive Assessment of Long-term Effects of Reducing Intake of Energy (CALERIE)-2 study: a 2-y randomized controlled trial of calorie restriction in nonobese humans. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 913-927	7	63
164	Deep learning and three-compartment breast imaging in breast cancer diagnosis 2017 ,		1
163	Determinants of volumetric breast density in Chilean premenopausal women. <i>Breast Cancer Research and Treatment</i> , 2017 , 162, 343-352	4.4	2

162	Longitudinal Changes in Volumetric Breast Density with Tamoxifen and Aromatase Inhibitors. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017 , 26, 930-937	4	26
161	A Genomewide Association Study Identifies Two Sex-Specific Loci, at SPTB and IZUMO3, Influencing Pediatric Bone Mineral Density at Multiple Skeletal Sites. <i>Journal of Bone and Mineral Research</i> , 2017 , 32, 1274-1281	6.3	24
160	Spine fracture prevalence in a nationally representative sample of US women and men aged \geq 40 years: results from the National Health and Nutrition Examination Survey (NHANES) 2013-2014. <i>Osteoporosis International</i> , 2017 , 28, 1857-1866	5.3	56
159	Interaction of mammographic breast density with menopausal status and postmenopausal hormone use in relation to the risk of aggressive breast cancer subtypes. <i>Breast Cancer Research and Treatment</i> , 2017 , 165, 421-431	4.4	9
158	Body composition by DXA. <i>Bone</i> , 2017 , 104, 101-105	4.7	127
157	Dairy intake in relation to breast and pubertal development in Chilean girls. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 1166-1175	7	22
156	Trends in osteoporosis and low bone mass in older US adults, 2005-2006 through 2013-2014. <i>Osteoporosis International</i> , 2017 , 28, 1979-1988	5.3	62
155	Reversing the Relationship Between Dual-Energy X-ray Absorptiometry and the 4-Component Model With 1 Sign Flip. <i>Journal of Clinical Densitometry</i> , 2017 , 20, 532	3.5	
154	Dual energy X-ray absorptiometry body composition reference values of limbs and trunk from NHANES 1999-2004 with additional visualization methods. <i>PLoS ONE</i> , 2017 , 12, e0174180	3.7	26
153	Modeling the shape and composition of the human body using dual energy X-ray absorptiometry images. <i>PLoS ONE</i> , 2017 , 12, e0175857	3.7	9
152	Combining quantitative and qualitative breast density measures to assess breast cancer risk. <i>Breast Cancer Research</i> , 2017 , 19, 97	8.3	22
151	Clinically applicable optical imaging technology for body size and shape analysis: comparison of systems differing in design. <i>European Journal of Clinical Nutrition</i> , 2017 , 71, 1329-1335	5.2	29
150	Diet Quality in Midadulthood Predicts Visceral Adiposity and Liver Fatness in Older Ages: The Multiethnic Cohort Study. <i>Obesity</i> , 2017 , 25, 1442-1450	8	31
149	Immediate Initiation of Antiretroviral Therapy for HIV Infection Accelerates Bone Loss Relative to Deferring Therapy: Findings from the START Bone Mineral Density Substudy, a Randomized Trial. <i>Journal of Bone and Mineral Research</i> , 2017 , 32, 1945-1955	6.3	29
148	Association Between Linear Growth and Bone Accrual in a Diverse Cohort of Children and Adolescents. <i>JAMA Pediatrics</i> , 2017 , 171, e171769	8.3	74
147	Relative contribution of type 1 and type 2 diabetes loci to the genetic etiology of adult-onset, non-insulin-requiring autoimmune diabetes. <i>BMC Medicine</i> , 2017 , 15, 88	11.4	52
146	Longitudinal fluctuation in mammographic percent density differentiates between interval and screen-detected breast cancer. <i>International Journal of Cancer</i> , 2017 , 140, 34-40	7.5	4
145	Relative Skeletal Maturation and Population Ancestry in Nonobese Children and Adolescents. <i>Journal of Bone and Mineral Research</i> , 2017 , 32, 115-124	6.3	11

144	Advanced Analysis Techniques Improve Infant Bone and Body Composition Measures by Dual-Energy X-Ray Absorptiometry. <i>Journal of Pediatrics</i> , 2017 , 181, 248-253.e3	3.6	6
143	Presentation and effectiveness of early treatment of type 2 diabetes in youth: lessons from the TODAY study. <i>Pediatric Diabetes</i> , 2016 , 17, 212-21	3.6	36
142	Dual-Energy X-Ray Absorptiometry Technology 2016 , 53-74		
141	Relationships between mammographic density, tissue microvessel density, and breast biopsy diagnosis. <i>Breast Cancer Research</i> , 2016 , 18, 88	8.3	9
140	Trabecular bone scores and lumbar spine bone mineral density of US adults: comparison of relationships with demographic and body size variables. <i>Osteoporosis International</i> , 2016 , 27, 2467-75	5.3	41
139	Clinical anthropometrics and body composition from 3D whole-body surface scans. <i>European Journal of Clinical Nutrition</i> , 2016 , 70, 1265-1270	5.2	57
138	Circulating insulin-like growth factor-I, insulin-like growth factor binding protein-3 and terminal duct lobular unit involution of the breast: a cross-sectional study of women with benign breast disease. <i>Breast Cancer Research</i> , 2016 , 18, 24	8.3	15
137	Relationship of Terminal Duct Lobular Unit Involution of the Breast with Area and Volume Mammographic Densities. <i>Cancer Prevention Research</i> , 2016 , 9, 149-58	3.2	33
136	Evaluation of Sarcopenia by DXA. <i>Clinical Reviews in Bone and Mineral Metabolism</i> , 2016 , 14, 45-49	2.5	2
135	Comparison of Clinical and Automated Breast Density Measurements: Implications for Risk Prediction and Supplemental Screening. <i>Radiology</i> , 2016 , 279, 710-9	20.5	104
134	Genome-wide association analysis identifies three new susceptibility loci for childhood body mass index. <i>Human Molecular Genetics</i> , 2016 , 25, 389-403	5.6	202
133	Sex and Ethnic Differences in the Association of Obesity With Risk of Hepatocellular Carcinoma. <i>Clinical Gastroenterology and Hepatology</i> , 2016 , 14, 309-16	6.9	31
132	Calibration Procedure of Three Component Mammographic Breast Imaging. <i>Lecture Notes in Computer Science</i> , 2016 , 211-218	0.9	1
131	A Measure of Regional Mammographic Masking Based on the CDMAM Phantom. <i>Lecture Notes in Computer Science</i> , 2016 , 525-531	0.9	1
130	Do Women with Low Breast Density Have Regionally High Breast Density?. <i>Lecture Notes in Computer Science</i> , 2016 , 548-553	0.9	1
129	Energy Dependence of Water and Lipid Calibration Materials for Three-Compartment Breast Imaging. <i>Lecture Notes in Computer Science</i> , 2016 , 554-563	0.9	0
128	Rare EN1 Variants and Pediatric Bone Mass. <i>Journal of Bone and Mineral Research</i> , 2016 , 31, 1513-7	6.3	16
127	Can Racial Differences in Resting Metabolic Rate be Explained by Body Composition?. <i>Obesity</i> , 2016 , 24, 1203	8	

126	Physical Activity Benefits the Skeleton of Children Genetically Predisposed to Lower Bone Density in Adulthood. <i>Journal of Bone and Mineral Research</i> , 2016 , 31, 1504-12	6.3	22
125	Genetic Risk Scores Implicated in Adult Bone Fragility Associate With Pediatric Bone Density. <i>Journal of Bone and Mineral Research</i> , 2016 , 31, 789-95	6.3	17
124	Mammographic texture and risk of breast cancer by tumor type and estrogen receptor status. <i>Breast Cancer Research</i> , 2016 , 18, 122	8.3	25
123	Relation of Serum Estrogen Metabolites with Terminal Duct Lobular Unit Involution Among Women Undergoing Diagnostic Image-Guided Breast Biopsy. <i>Hormones and Cancer</i> , 2016 , 7, 305-315	5	9
122	Novel mammographic image features differentiate between interval and screen-detected breast cancer: a case-case study. <i>Breast Cancer Research</i> , 2016 , 18, 100	8.3	12
121	Changes in body composition over 8 years in a randomized trial of a lifestyle intervention: the look AHEAD study. <i>Obesity</i> , 2015 , 23, 565-72	8	46
120	Anthropometric models of bone mineral content and areal bone mineral density based on the bone mineral density in childhood study. <i>Osteoporosis International</i> , 2015 , 26, 1099-108	5.3	9
119	A trans-ethnic genome-wide association study identifies gender-specific loci influencing pediatric aBMD and BMC at the distal radius. <i>Human Molecular Genetics</i> , 2015 , 24, 5053-9	5.6	40
118	Relationship of serum estrogens and metabolites with area and volume mammographic densities. <i>Hormones and Cancer</i> , 2015 , 6, 107-19	5	9
117	Systolic Blood Pressure Control Among Individuals With Type 2 Diabetes: A Comparative Effectiveness Analysis of Three Interventions. <i>American Journal of Hypertension</i> , 2015 , 28, 995-1009	2.3	13
116	Dense and nondense mammographic area and risk of breast cancer by age and tumor characteristics. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015 , 24, 798-809	4	38
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2	Genome-wide association study implicates novel loci and reveals candidate effector genes for longitudinal pediatric bone accrual through variant-to-gene mapping		5
1	Tumor cell-adipocyte gap junctions activate lipolysis and are essential for breast tumorigenesis		1

