Kong Chen

List of Publications by Year
in descending order

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158 papers	14,173 citations	30070 54 h-index	20961 115 g-index
163 all docs	163 docs citations	163 times ranked	17734 citing authors

#	Article	IF	Citations
1	A Glycemia Risk Index (GRI) of Hypoglycemia and Hyperglycemia for Continuous Glucose Monitoring Validated by Clinician Ratings. Journal of Diabetes Science and Technology, 2023, 17, 1226-1242.	2.2	69
2	Continuous Ketone Monitoring Consensus Report 2021. Journal of Diabetes Science and Technology, 2022, 16, 689-715.	2.2	18
3	Retrieval-induced forgetting in children and adolescents with and without obesity. International Journal of Obesity, 2022, 46, 851-858.	3.4	4
4	Screen Time and Body Image in Icelandic Adolescents: Sex-Specific Cross-Sectional and Longitudinal Associations. International Journal of Environmental Research and Public Health, 2022, 19, 1308.	2.6	4
5	Activating Human Adipose Tissue with the Î²3-Adrenergic Agonist Mirabegron. Methods in Molecular Biology, 2022, 2448, 83-96.	0.9	5
6	Postprandial Plasma Lipidomics Reveal Specific Alteration of Hepatic-derived Diacylglycerols in Nonalcoholic Fatty Liver Disease. Gastroenterology, 2022, 162, 1990-2003.	1.3	11
7	Examining cognitive-behavioral therapy change mechanisms for decreasing depression, weight, and insulin resistance in adolescent girls at risk for type 2 diabetes. Journal of Psychosomatic Research, 2022, 157, 110781.	2.6	4
8	Predicting Body Composition From Anthropometrics. Journal of Diabetes Science and Technology, 2021, 15, 1344-1345.	2.2	1
9	Effect of a plant-based, low-fat diet versus an animal-based, ketogenic diet on ad libitum energy intake. Nature Medicine, 2021, 27, 344-353.	30.7	129
10	Reduced brown adipose tissue activity during cold exposure is a metabolic feature of the human thrifty phenotype. Metabolism: Clinical and Experimental, 2021, 117, 154709.	3.4	11
11	Leptin Decreases Energy Expenditure Despite Increased Thyroid Hormone in Patients With Lipodystrophy. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e4163-e4178.	3.6	9
12	Proton MR Spectroscopy Measurements of White and Brown Adipose Tissue in Healthy Humans: Relaxation Parameters and Unsaturated Fatty Acids. Radiology, 2021, 299, 396-406.	7.3	13
13	Sleep timing and consistency are associated with the standardised test performance of Icelandic adolescents. Journal of Sleep Research, 2021, , e13422.	3.2	5
14	Human performance research for military operations in extreme cold environments. Journal of Science and Medicine in Sport, 2021, 24, 954-962.	1.3	16
15	Energy expenditure due to gluconeogenesis in pathological conditions of insulin resistance. American Journal of Physiology - Endocrinology and Metabolism, 2021, 321, E795-E801.	3.5	6
16	Opportunities and challenges in the therapeutic activation of human energy expenditure and thermogenesis to manage obesity. Journal of Biological Chemistry, 2020, 295, 1926-1942.	3.4	79
17	Depressive symptoms in adolescent girls at-risk for type 2 diabetes and their parents. Psychology, Health and Medicine, 2020, 25, 530-540.	2.4	1
18	Association between free-living sleep and memory and attention in healthy adolescents. Scientific Reports, 2020, 10, 16877.	3.3	6

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19	Room Indirect Calorimetry Operating and Reporting Standards (RICORS 1.0): A Guide to Conducting and Reporting Human Wholeâ€Room Calorimeter Studies. Obesity, 2020, 28, 1613-1625.	3.0	49
20	Less physical activity and more varied and disrupted sleep is associated with a less favorable metabolic profile in adolescents. PLoS ONE, 2020, 15, e0229114.	2.5	11
21	Changes in sleep and activity from age 15 to 17 in students with traditional and college-style school schedules. Sleep Health, 2020, 6, 749-757.	2.5	7
22	Letter to the Editor from Melanson et al (second letter): â€œTwice as High Diet-Induced Thermogenesis After Breakfast vs Dinner on High-Calorie as Well as Low-Calorie Mealsâ€• Journal of Clinical Endocrinology and Metabolism, 2020, 105, e3030-e3031.	3.6	0
23	Sexual Dimorphisms in Adult Human Brown Adipose Tissue. Obesity, 2020, 28, 241-246.	3.0	26
24	Less screen time and more physical activity is associated with more stable sleep patterns among Icelandic adolescents. Sleep Health, 2020, 6, 609-617.	2.5	11
25	Letter to the Editor: â€œTwice as High Diet-Induced Thermogenesis After Breakfast vs Dinner on High-Calorie as Well as Low-Calorie Mealsâ€• Journal of Clinical Endocrinology and Metabolism, 2020, 105, e2673-e2674.	3.6	2
26	The Effects of Interrupting Sitting Time on Affect and State Anxiety in Children of Healthy Weight and Overweight: A Randomized Crossover Trial. Pediatric Exercise Science, 2020, 32, 97-104.	1.0	4
27	Chronic mirabegron treatment increases human brown fat, HDL cholesterol, and insulin sensitivity. Journal of Clinical Investigation, 2020, 130, 2209-2219.	8.2	214
28	Comparing ActiGraph equations for estimating energy expenditure in older adults. Journal of Sports Sciences, 2019, 37, 188-195.	2.0	25
29	Exercise modulates the interaction between cognition and anxiety in humans. Cognition and Emotion, 2019, 33, 863-870.	2.0	11
30	Indirect Effects of a Cognitive-Behavioral Intervention on Adolescent Weight and Insulin Resistance Through Decreasing Depression in a Randomized Controlled Trial. Journal of Pediatric Psychology, 2019, 44, 1163-1173.	2.1	10
31	Quantification of the Capacity for Cold-Induced Thermogenesis in Young Men With and Without Obesity. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 4865-4878.	3.6	31
32	Reply to Letter to the Editor: â€œNo insulating effect of obesity, neither in mice nor in humansâ€• American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E954-E956.	3.5	4
33	Reply to DS Ludwig et al.. American Journal of Clinical Nutrition, 2019, 110, 1255-1256.	4.7	0
34	Associations of sleep patterns with metabolic syndrome indices, body composition, and energy intake in children and adolescents. Pediatric Obesity, 2019, 14, e12507.	2.8	41
35	Insulin Sensitivity, Depression/Anxiety, and Physical Fitness in At-Risk Adolescents. Sports Medicine International Open, 2019, 03, E40-E47.	1.1	2
36	Ultra-Processed Diets Cause Excess Calorie Intake and Weight Gain: An Inpatient Randomized Controlled Trial of Ad Libitum Food Intake. Cell Metabolism, 2019, 30, 67-77.e3.	16.2	879

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37	Methodologic considerations for measuring energy expenditure differences between diets varying in carbohydrate using the doubly labeled water method. American Journal of Clinical Nutrition, 2019, 109, 1328-1334.	4.7	38
38	Visceral fat does not contribute to metabolic disease in lipodystrophy. Obesity Science and Practice, 2019, 5, 75-82.	1.9	5
39	Effects of colchicine in adults with metabolic syndrome: A pilot randomized controlled trial. Diabetes, Obesity and Metabolism, 2019, 21, 1642-1651.	4.4	27
40	Whole Body and Regional Quantification of Active Human Brown Adipose Tissue Using ¹⁸F-FDG PET/CT. Journal of Visualized Experiments, 2019, , .	0.3	8
41	Dynamic sitting: Measurement and associations with metabolic health. Journal of Sports Sciences, 2019, 37, 1746-1754.	2.0	12
42	Longitudinal Change in Adolescent Bedtimes Measured by Self-Report and Actigraphy. Journal for the Measurement of Physical Behaviour, 2019, 2, 282-287.	0.8	3
43	Fatigued patients with chronic liver disease have subtle aberrations of sleep, melatonin and cortisol circadian rhythms. Fatigue: Biomedicine, Health and Behavior, 2018, 6, 5-19.	1.9	4
44	Exercise decreases defensive responses to unpredictable, but not predictable, threat. Depression and Anxiety, 2018, 35, 868-875.	4.1	9
45	Effects of Interrupting Sedentary Behavior With Short Bouts of Moderate Physical Activity on Glucose Tolerance in Children With Overweight and Obesity: A Randomized Crossover Trial. Diabetes Care, 2018, 41, 2220-2228.	8.6	33
46	Regulation of Human Adipose Tissue Activation, Gallbladder Size, and Bile Acid Metabolism by a Î²3-Adrenergic Receptor Agonist. Diabetes, 2018, 67, 2113-2125.	0.6	121
47	Relationship of Mindfulness to Distress and Cortisol Response in Adolescent Girls At-Risk for Type 2 Diabetes. Journal of Child and Family Studies, 2018, 27, 2254-2264.	1.3	7
48	Less screen time and more frequent vigorous physical activity is associated with lower risk of reporting negative mental health symptoms among Icelandic adolescents. PLoS ONE, 2018, 13, e0196286.	2.5	76
49	Is activation of human brown adipose tissue a viable target for weight management?. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2018, 315, R479-R483.	1.8	28
50	Identifying bedrest using 24-h waist or wrist accelerometry in adults. PLoS ONE, 2018, 13, e0194461.	2.5	9
51	Metreleptin-mediated improvements in insulin sensitivity are independent of food intake in humans with lipodystrophy. Journal of Clinical Investigation, 2018, 128, 3504-3516.	8.2	74
52	Effects of Prolonged Exertion on Glucose Management in Type 1 Diabetes: A 500 Mile Hiking Trek On the Camino de Santiago. FASEB Journal, 2018, 32, 588.8.	0.5	0
53	Sleep deficiency on school days in Icelandic youth, as assessed by wrist accelerometry. Sleep Medicine, 2017, 33, 103-108.	1.6	24
54	Prevention of insulin resistance in adolescents at risk for type 2 diabetes with depressive symptoms: 1-year follow-up of a randomized trial. Depression and Anxiety, 2017, 34, 866-876.	4.1	17

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55	Increased Physical Activity Associated with Less Weight Regain Six Years After â€œThe Biggest Loserâ€• Competition. Obesity, 2017, 25, 1838-1843.	3.0	34
56	Mapping of human brown adipose tissue in lean and obese young men. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8649-8654.	7.1	370
57	Association of gene coding variation and resting metabolic rate in a multi-ethnic sample of children and adults. BMC Obesity, 2017, 4, 12.	3.1	6
58	Cold-induced thermogenesis in humans. European Journal of Clinical Nutrition, 2017, 71, 345-352.	2.9	79
59	Subjective and Physiological Predictors of Anxiety at Rest and During a Working Memory Task. Medicine and Science in Sports and Exercise, 2017, 49, 853-854.	0.4	0
60	Comparison of Summer and Winter Objectively Measured Physical Activity and Sedentary Behavior in Older Adults: Age, Gene/Environment Susceptibility Reykjavik Study. International Journal of Environmental Research and Public Health, 2017, 14, 1268.	2.6	33
61	Acute Moderate Exercise Improves Working Memory Efficiency In Humans. Medicine and Science in Sports and Exercise, 2017, 49, 854.	0.4	0
62	Comparison of Sedentary Estimates between activPAL and Hip- and Wrist-Worn ActiGraph. Medicine and Science in Sports and Exercise, 2016, 48, 1514-1522.	0.4	112
63	Energy expenditure and body composition changes after an isocaloric ketogenic diet in overweight and obese men. American Journal of Clinical Nutrition, 2016, 104, 324-333.	4.7	259
64	Accelerometer-measured dose-response for physical activity, sedentary time, and mortality in US adults. American Journal of Clinical Nutrition, 2016, 104, 1424-1432.	4.7	226
65	Brown Adipose Reporting Criteria in Imaging STudies (BARCIST 1.0): Recommendations for Standardized FDG-PET/CT Experiments in Humans. Cell Metabolism, 2016, 24, 210-222.	16.2	233
66	Persistent metabolic adaptation 6 years after â€œThe Biggest Loserâ€•competition. Obesity, 2016, 24, 1612-1619.	3.0	456
67	Reply to DS Ludwig and CB Ebbeling. American Journal of Clinical Nutrition, 2016, 104, 1488-1490.	4.7	7
68	Daily physical activity patterns from hip- and wrist-worn accelerometers. Physiological Measurement, 2016, 37, 1852-1861.	2.1	36
69	A Randomized Controlled Trial to Prevent Depression and Ameliorate Insulin Resistance in Adolescent Girls at Risk for Type 2 Diabetes. Annals of Behavioral Medicine, 2016, 50, 762-774.	2.9	22
70	Associations of sleep duration and quality with disinhibited eating behaviors in adolescent girls at-risk for type 2 diabetes. Eating Behaviors, 2016, 22, 149-155.	2.0	25
71	Association of change in brain structure to objectively measured physical activity and sedentary behavior in older adults: Age, Gene/Environment Susceptibility-Reykjavik Study. Behavioural Brain Research, 2016, 296, 118-124.	2.2	56
72	Influence of Day Length and Physical Activity on Sleep Patterns in Older Icelandic Men and Women. Journal of Clinical Sleep Medicine, 2016, 12, 203-213.	2.6	24

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73	Daily Physical Activity And Mortality Risk In The Very Old. Medicine and Science in Sports and Exercise, 2016, 48, 555.	0.4	0
74	Regional Skin Temperature Responses to Warm vs. Cold in Healthy Lean and Obese Young Men. Medicine and Science in Sports and Exercise, 2016, 48, 541.	0.4	0
75	Calorie for Calorie, Dietary Fat Restriction Results in More Body Fat Loss than Carbohydrate Restriction in People with Obesity. Cell Metabolism, 2015, 22, 531.	16.2	8
76	Concurrent and aerobic exercise training promote similar benefits in body composition and metabolic profiles in obese adolescents. Lipids in Health and Disease, 2015, 14, 153.	3.0	50
77	Mindfulness and eating behavior in adolescent girls at risk for type 2 diabetes. International Journal of Eating Disorders, 2015, 48, 563-569.	4.0	32
78	RM-493, a Melanocortin-4 Receptor (MC4R) Agonist, Increases Resting Energy Expenditure in Obese Individuals. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 1639-1645.	3.6	147
79	Ability of Thigh-Worn ActiGraph and activPAL Monitors to Classify Posture and Motion. Medicine and Science in Sports and Exercise, 2015, 47, 952-959.	0.4	96
80	Does Visceral Fat Estimated by Dual-Energy X-ray Absorptiometry Independently Predict Cardiometabolic Risks in Adults?. Journal of Diabetes Science and Technology, 2015, 9, 917-924.	2.2	38
81	Effects of Interrupting Children's Sedentary Behaviors With Activity on Metabolic Function: A Randomized Trial. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 3735-3743.	3.6	61
82	Calorie for Calorie, Dietary Fat Restriction Results in More Body Fat Loss than Carbohydrate Restriction in People with Obesity. Cell Metabolism, 2015, 22, 427-436.	16.2	222
83	Separating Bedtime Rest from Activity Using Waist or Wrist-Worn Accelerometers in Youth. PLoS ONE, 2014, 9, e92512.	2.5	20
84	Evolution of accelerometer methods for physical activity research. British Journal of Sports Medicine, 2014, 48, 1019-1023.	6.7	710
85	Metabolic adaptation following massive weight loss is related to the degree of energy imbalance and changes in circulating leptin. Obesity, 2014, 22, n/a-n/a.	3.0	71
86	Changes in Daily Activity Patterns with Age in U.S. Men and Women: National Health and Nutrition Examination Survey 2003â€“04 and 2005â€“06. Journal of the American Geriatrics Society, 2014, 62, 1263-1271.	2.6	76
87	Self-Reported Adherence to the Physical Activity Recommendation and Determinants of Misperception in Older Adults. Journal of Aging and Physical Activity, 2014, 22, 226-234.	1.0	41
88	Midlife Determinants Associated with Sedentary Behavior in Old Age. Medicine and Science in Sports and Exercise, 2014, 46, 1359-1365.	0.4	39
89	Moderate Weight Loss Is Sufficient to Affect Thyroid Hormone Homeostasis and Inhibit Its Peripheral Conversion. Thyroid, 2014, 24, 19-26.	4.5	60
90	Irisin and FGF21 Are Cold-Induced Endocrine Activators of Brown Fat Function in Humans. Cell Metabolism, 2014, 19, 302-309.	16.2	643

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91	Temperature-Acclimated Brown Adipose Tissue Modulates Insulin Sensitivity in Humans. Diabetes, 2014, 63, 3686-3698.	0.6	342
92	Is There a Sex Difference in Accelerometer Counts During Walking in Older Adults?. Journal of Physical Activity and Health, 2014, 11, 626-637.	2.0	10
93	Cold-activated brown adipose tissue is an independent predictor of higher bone mineral density in women. Osteoporosis International, 2013, 24, 1513-1518.	3.1	53
94	Metabolic Effects of Chronic Cannabis Smoking. Diabetes Care, 2013, 36, 2415-2422.	8.6	123
95	Fibroblast growth factor 21 (FGF21) and bone: is there a relationship in humans?. Osteoporosis International, 2013, 24, 3053-3057.	3.1	46
96	Fatigability as a function of physical activity energy expenditure in older adults. Age, 2013, 35, 179-187.	3.0	14
97	Measuring energy expenditure in clinical populations: rewards and challenges. European Journal of Clinical Nutrition, 2013, 67, 436-442.	2.9	62
98	Brown Fat Activation Mediates Cold-Induced Thermogenesis in Adult Humans in Response to a Mild Decrease in Ambient Temperature. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E1218-E1223.	3.6	144
99	Reduced Insulin Sensitivity in Adults With Pseudohypoparathyroidism Type 1a. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E1796-E1801.	3.6	40
100	Objective measurements of daily physical activity patterns and sedentary behaviour in older adults: Age, Gene/Environment Susceptibility-Reykjavik Study. Age and Ageing, 2013, 42, 222-229.	1.6	139
101	Mild Cold Exposure Modulates Fibroblast Growth Factor 21 (FGF21) Diurnal Rhythm in Humans: Relationship between FGF21 Levels, Lipolysis, and Cold-Induced Thermogenesis. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E98-E102.	3.6	120
102	Insulin and extremity muscle mass in overweight and obese women. International Journal of Obesity, 2013, 37, 1560-1564.	3.4	16
103	Randomized trial of nutrition education added to internet-based information and exercise at the work place for weight loss in a racially diverse population of overweight women. Nutrition and Diabetes, 2013, 3, e98-e98.	3.2	14
104	Redefining the Roles of Sensors in Objective Physical Activity Monitoring. Medicine and Science in Sports and Exercise, 2012, 44, S13-S23.	0.4	136
105	Chronic Sympathetic Attenuation and Energy Metabolism in Autonomic Failure. Hypertension, 2012, 59, 985-990.	2.7	4
106	Effect of BMI on Prediction of Accelerometry-Based Energy Expenditure in Youth. Medicine and Science in Sports and Exercise, 2012, 44, 2428-2435.	0.4	6
107	Association of Sedentary Time with Mortality Independent of Moderate to Vigorous Physical Activity. PLoS ONE, 2012, 7, e37696.	2.5	271
108	Sedentary Activity Associated With Metabolic Syndrome Independent of Physical Activity. Diabetes Care, 2011, 34, 497-503.	8.6	412

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109	Employment and Physical Activity in the U.S.. American Journal of Preventive Medicine, 2011, 41, 136-145.	3.0	135
110	Core body temperature in obesity. American Journal of Clinical Nutrition, 2011, 93, 963-967.	4.7	47
111	Estimation of Daily Energy Expenditure in Pregnant and Non-Pregnant Women Using a Wrist-Worn Tri-Axial Accelerometer. PLoS ONE, 2011, 6, e22922.	2.5	205
112	Validation Of The Actigraph (GT3X) Inclinometer Function. Medicine and Science in Sports and Exercise, 2010, 45, 489.	0.4	7
113	Energy Expenditure: Measurement of Human Metabolism. IEEE Engineering in Medicine and Biology Magazine, 2010, 29, 42-47.	0.8	20
114	Body Composition and Energy Metabolism Following Rouxâ€enâ€Y Gastric Bypass Surgery. Obesity, 2010, 18, 1718-1724.	3.0	104
115	Distributed lag and spline modeling for predicting energy expenditure from accelerometry in youth. Journal of Applied Physiology, 2010, 108, 314-327.	2.5	17
116	Minimal changes in environmental temperature result in a significant increase in energy expenditure and changes in the hormonal homeostasis in healthy adults. European Journal of Endocrinology, 2010, 163, 863-872.	3.7	80
117	Validation of the ActiGraph Two-Regression Model for Predicting Energy Expenditure. Medicine and Science in Sports and Exercise, 2010, 42, 1785-1792.	0.4	51
118	Reply to Brage, Van Hees, and Brage. Journal of Applied Physiology, 2009, 106, 1474-1475.	2.5	0
119	Optimizing energy expenditure detection in human metabolic chambers. , 2009, 2009, 6864-8.		15
120	Body Composition Measured by Dualâ€energy Xâ€ray Absorptiometry Halfâ€body Scans in Obese Adults. Obesity, 2009, 17, 1281-1286.	3.0	146
121	Seasonal Changes in Amount and Patterns of Physical Activity in Women. Journal of Physical Activity and Health, 2009, 6, 252-261.	2.0	53
122	Validity of Physical Activity Intensity Predictions by ActiGraph, Actical, and RT3 Accelerometers. Obesity, 2008, 16, 1946-1952.	3.0	125
123	Validity of a Multisensor Armband in Estimating 24-h Energy Expenditure in Children. Medicine and Science in Sports and Exercise, 2008, 40, 699-706.	0.4	57
124	Comparing the performance of three generations of ActiGraph accelerometers. Journal of Applied Physiology, 2008, 105, 1091-1097.	2.5	146
125	Amount of Time Spent in Sedentary Behaviors in the United States, 2003-2004. American Journal of Epidemiology, 2008, 167, 875-881.	3.4	2,093
126	Autonomic Contribution to Blood Pressure and Metabolism in Obesity. Hypertension, 2007, 49, 27-33.	2.7	128

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127	Energy Expenditure, Inflammation, and Oxidative Stress in Steady-State Adolescents With Sickle Cell Anemia. Pediatric Research, 2007, 61, 233-238.	2.3	102
128	Physical Activity Monitors: Do More Sensors Mean Better Precision?. Journal of Diabetes Science and Technology, 2007, 1, 768-770.	2.2	4
129	An artificial neural network model of energy expenditure using nonintegrated acceleration signals. Journal of Applied Physiology, 2007, 103, 1419-1427.	2.5	116
130	Energy expenditure of genuine laughter. International Journal of Obesity, 2007, 31, 131-137.	3.4	19
131	Tracking Workload in the Emergency Department. Human Factors, 2006, 48, 526-539.	3.5	87
132	A randomized controlled trial to prevent glycemic relapse in longitudinal diabetes care: Study protocol (NCT00362193). Implementation Science, 2006, 1, 24.	6.9	7
133	Physical Activity Type Identification Using Tri-Axial Accelerometry. Medicine and Science in Sports and Exercise, 2006, 38, S560.	0.4	0
134	The Technology of Accelerometry-Based Activity Monitors: Current and Future. Medicine and Science in Sports and Exercise, 2005, 37, S490-S500.	0.4	729
135	Emergency physiciansâ€™ behaviors and workload in the presence of an electronic whiteboard. International Journal of Medical Informatics, 2005, 74, 827-837.	3.3	157
136	Analysis: Designing Footwear for Patients with the Diabetic Foot. Diabetes Technology and Therapeutics, 2005, 7, 647-650.	4.4	4
137	Physical activity patterns in chronic hemodialysis patients: Comparison of dialysis and nondialysis days. , 2005, 15, 217-224.		51
138	Counting Steps With Four Physical Activity Monitors. Medicine and Science in Sports and Exercise, 2005, 37, S117.	0.4	0
139	Validity Of A Multi-sensor Activity Monitor In Estimating Energy Expenditure In Children. Medicine and Science in Sports and Exercise, 2005, 37, S437-S438.	0.4	0
140	Use of Air Displacement Plethysmography in the Determination of Percentage of Fat Mass in African American Children. Pediatric Research, 2004, 56, 47-54.	2.3	21
141	Bioelectrical impedance vs air displacement plethysmography and dualâ€energy Xâ€ray absorptiometry to determine body composition in patients with endâ€stage renal disease. Journal of Parenteral and Enteral Nutrition, 2004, 28, 13-21.	2.6	27
142	Energy expenditure, body composition, and biochemical indicators in healthy community women. International Journal of Food Sciences and Nutrition, 2004, 55, 237-247.	2.8	4
143	Patterns of physical activity in free-living adults in the Southern United States. European Journal of Clinical Nutrition, 2004, 58, 828-837.	2.9	46
144	Efficiency of Walking and Stepping: Relationship to Body Fatness. Obesity, 2004, 12, 982-989.	4.0	36

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145	Predicting Energy Expenditure of Physical Activity Using Hip- and Wrist-Worn Accelerometers. Diabetes Technology and Therapeutics, 2003, 5, 1023-1033.	4.4	96
146	Increased resting energy expenditure in patients with endâ€stage renal disease. Journal of Parenteral and Enteral Nutrition, 2003, 27, 36-42.	2.6	66
147	Equation to estimate resting energy expenditure in adolescents with sickle cell anemia. American Journal of Clinical Nutrition, 2002, 76, 1335-1344.	4.7	23
148	Patterns and energy expenditure of free-living physical activity in adolescents with sickle cell anemia. Journal of Pediatrics, 2002, 140, 86-92.	1.8	30
149	Increased bone turnover is associated with protein and energy metabolism in adolescents with sickle cell anemia. American Journal of Physiology - Endocrinology and Metabolism, 2001, 280, E518-E527.	3.5	18
150	Plasma Leptin Association with Body Composition and Energy Expenditure in Sickle Cell Disease. Journal of the American College of Nutrition, 2000, 19, 228-236.	1.8	12
151	A Comparison of Air Displacement Plethysmography with Three Other Techniques to Determine Body Fat in Healthy Adults. Journal of Parenteral and Enteral Nutrition, 1999, 23, 293-299.	2.6	86
152	Energy Expenditure Determined by Selfâ€Reported Physical Activity Is Related to Body Fatness. Obesity, 1999, 7, 23-33.	4.0	63
153	Development and Validation of a Measurement System for Assessment of Energy Expenditure and Physical Activity in Praderâ€Willi Syndrome. Obesity, 1999, 7, 387-394.	4.0	8
154	Acute effect of ephedrine on 24-h energy balance. Clinical Science, 1999, 96, 483-491.	4.3	31
155	Acute effect of ephedrine on 24-h energy balance. Clinical Science, 1999, 96, 483.	4.3	18
156	Comparison of air-displacement plethysmography with hydrostatic weighing and bioelectrical impedance analysis for the assessment of body composition in healthy adults. American Journal of Clinical Nutrition, 1999, 69, 898-903.	4.7	126
157	Work Efficiency during Step Aerobic Exercise in Female Instructors and Noninstructors. Research Quarterly for Exercise and Sport, 1998, 69, 82-88.	1.4	1
158	Improving energy expenditure estimation by using a triaxial accelerometer. Journal of Applied Physiology, 1997, 83, 2112-2122.	2.5	218