

Shalender Bhasin

List of Publications by Citations

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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.

322
papers

27,771
citations

81
h-index

162
g-index

337
ext. papers

31,651
ext. citations

7.2
avg, IF

6.73
L-index

#	Paper	IF	Citations
322	Sarcopenia: an undiagnosed condition in older adults. Current consensus definition: prevalence, etiology, and consequences. International working group on sarcopenia. <i>Journal of the American Medical Directors Association</i> , 2011 , 12, 249-56	5.9	1809
321	Testosterone therapy in men with androgen deficiency syndromes: an Endocrine Society clinical practice guideline. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 2536-59	5.6	1481
320	The effects of supraphysiologic doses of testosterone on muscle size and strength in normal men. <i>New England Journal of Medicine</i> , 1996 , 335, 1-7	59.2	1241
319	Adverse events associated with testosterone administration. <i>New England Journal of Medicine</i> , 2010 , 363, 109-22	59.2	1065
318	Testosterone therapy in adult men with androgen deficiency syndromes: an endocrine society clinical practice guideline. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 1995-2010	5.6	727
317	Sarcopenia with limited mobility: an international consensus. <i>Journal of the American Medical Directors Association</i> , 2011 , 12, 403-9	5.9	648
316	Testosterone Therapy in Men With Hypogonadism: An Endocrine Society Clinical Practice Guideline. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 1715-1744	5.6	634
315	Testosterone dose-response relationships in healthy young men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001 , 281, E1172-81	6	621
314	Clinical review 1: Adverse effects of testosterone therapy in adult men: a systematic review and meta-analysis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 2560-75	5.6	538
313	Adverse events associated with testosterone replacement in middle-aged and older men: a meta-analysis of randomized, placebo-controlled trials. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2005 , 60, 1451-7	6.4	538
312	Effects of Testosterone Treatment in Older Men. <i>New England Journal of Medicine</i> , 2016 , 374, 611-24	59.2	490
311	Older men are as responsive as young men to the anabolic effects of graded doses of testosterone on the skeletal muscle. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 678-88	5.6	427
310	Androgens stimulate myogenic differentiation and inhibit adipogenesis in C3H 10T1/2 pluripotent cells through an androgen receptor-mediated pathway. <i>Endocrinology</i> , 2003 , 144, 5081-8	4.8	399
309	Nutritional recommendations for the management of sarcopenia. <i>Journal of the American Medical Directors Association</i> , 2010 , 11, 391-6	5.9	387
308	Testosterone replacement increases fat-free mass and muscle size in hypogonadal men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997 , 82, 407-13	5.6	379
307	Adverse health consequences of performance-enhancing drugs: an Endocrine Society scientific statement. <i>Endocrine Reviews</i> , 2014 , 35, 341-75	27.2	324
306	Testosterone inhibits adipogenic differentiation in 3T3-L1 cells: nuclear translocation of androgen receptor complex with beta-catenin and T-cell factor 4 may bypass canonical Wnt signaling to down-regulate adipogenic transcription factors. <i>Endocrinology</i> , 2006 , 147, 141-54	4.8	296

305	Testosterone-induced increase in muscle size in healthy young men is associated with muscle fiber hypertrophy. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002 , 283, E154-64	6	285
304	Myostatin inhibits cell proliferation and protein synthesis in C2C12 muscle cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001 , 280, E221-8	6	281
303	Reference ranges for testosterone in men generated using liquid chromatography tandem mass spectrometry in a community-based sample of healthy nonobese young men in the Framingham Heart Study and applied to three geographically distinct cohorts. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, 2430-9	5.6	271
302	Effects of testosterone and resistance training in men with chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004 , 170, 870-8	10.2	271
301	Testosterone action on skeletal muscle. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2004 , 7, 271-7	3.8	271
300	Glucocorticoid-induced skeletal muscle atrophy is associated with upregulation of myostatin gene expression. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003 , 285, E363-71	6	269
299	Testosterone replacement and resistance exercise in HIV-infected men with weight loss and low testosterone levels. <i>JAMA - Journal of the American Medical Association</i> , 2000 , 283, 763-70	27.4	255
298	Effects of graded doses of testosterone on erythropoiesis in healthy young and older men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 914-9	5.6	243
297	Lower skeletal muscle mass in male transgenic mice with muscle-specific overexpression of myostatin. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003 , 285, E876-88	6	241
296	Drug insight: Testosterone and selective androgen receptor modulators as anabolic therapies for chronic illness and aging. <i>Nature Clinical Practice Endocrinology and Metabolism</i> , 2006 , 2, 146-59		230
295	Testosterone-induced muscle hypertrophy is associated with an increase in satellite cell number in healthy, young men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003 , 285, E197-205 ⁶		228
294	Sexual dysfunction in men and women with endocrine disorders. <i>Lancet, The</i> , 2007 , 369, 597-611	40	220
293	Testosterone Treatment and Coronary Artery Plaque Volume in Older Men With Low Testosterone. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 317, 708-716	27.4	209
292	Androgen receptor in human skeletal muscle and cultured muscle satellite cells: up-regulation by androgen treatment. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 5245-55	5.6	209
291	Effects of testosterone supplementation on skeletal muscle fiber hypertrophy and satellite cells in community-dwelling older men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 3024-33	5.6	208
290	High serum testosterone is associated with reduced risk of cardiovascular events in elderly men. The MrOS (Osteoporotic Fractures in Men) study in Sweden. <i>Journal of the American College of Cardiology</i> , 2011 , 58, 1674-81	15.1	193
289	Testosterone induces erythrocytosis via increased erythropoietin and suppressed hepcidin: evidence for a new erythropoietin/hemoglobin set point. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014 , 69, 725-35	6.4	188
288	Testosterone dose-dependently increases maximal voluntary strength and leg power, but does not affect fatigability or specific tension. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 1478-85 ^{5.6}		186

287	Metabolic and reproductive features before and during puberty in daughters of women with polycystic ovary syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 1923-30	5.6	181
286	Managing the risks of prostate disease during testosterone replacement therapy in older men: recommendations for a standardized monitoring plan. <i>Journal of Andrology</i> , 2003 , 24, 299-311		180
285	The use of a sensitive equilibrium dialysis method for the measurement of free testosterone levels in healthy, cycling women and in human immunodeficiency virus-infected women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 1312-8	5.6	175
284	The effects of varying doses of T on insulin sensitivity, plasma lipids, apolipoproteins, and C-reactive protein in healthy young men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 136-43	5.6	174
283	Dose-dependent effects of testosterone on sexual function, mood, and visuospatial cognition in older men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 3838-46	5.6	166
282	Effect of Testosterone Treatment on Volumetric Bone Density and Strength in Older Men With Low Testosterone: A Controlled Clinical Trial. <i>JAMA Internal Medicine</i> , 2017 , 177, 471-479	11.5	161
281	Myostatin inhibits myogenesis and promotes adipogenesis in C3H 10T(1/2) mesenchymal multipotent cells. <i>Endocrinology</i> , 2005 , 146, 3547-57	4.8	160
280	Testosterone suppresses hepcidin in men: a potential mechanism for testosterone-induced erythrocytosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 4743-7	5.6	159
279	Genetic determinants of serum testosterone concentrations in men. <i>PLoS Genetics</i> , 2011 , 7, e1002313	6	148
278	Sexual function does not change when serum testosterone levels are pharmacologically varied within the normal male range**This work (Project CSA 90-063) was supported by the Contraceptive Research and Developmental Program (CONRAD), Eastern Virginia Medical School, Norfolk, Virginia, under a Cooperative Agreement (DPE-2044-A-00-6063-00) with the United States Agency for International Development.	4.8	148
277	Testosterone and growth hormone improve body composition and muscle performance in older men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 1991-2001	5.6	145
276	Effects of Testosterone Administration for 3 Years on Subclinical Atherosclerosis Progression in Older Men With Low or Low-Normal Testosterone Levels: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2015 , 314, 570-81	27.4	142
275	Sarcopenia Definition: The Position Statements of the Sarcopenia Definition and Outcomes Consortium. <i>Journal of the American Geriatrics Society</i> , 2020 , 68, 1410-1418	5.6	142
274	A Reappraisal of Testosterone Binding in Circulation: Physiological and Clinical Implications. <i>Endocrine Reviews</i> , 2017 , 38, 302-324	27.2	141
273	The mechanisms of androgen effects on body composition: mesenchymal pluripotent cell as the target of androgen action. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2003 , 58, M1103-10	6.4	136
272	Testosterone Treatment and Cognitive Function in Older Men With Low Testosterone and Age-Associated Memory Impairment. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 317, 717-727	27.4	134
271	Selective androgen receptor modulators as function promoting therapies. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2009 , 12, 232-40	3.8	133
270	Harmonized Reference Ranges for Circulating Testosterone Levels in Men of Four Cohort Studies in the United States and Europe. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 1161-1173	5.6	126

269	Effects of dihydrotestosterone on differentiation and proliferation of human mesenchymal stem cells and preadipocytes. <i>Molecular and Cellular Endocrinology</i> , 2008 , 296, 32-40	4.4	125
268	The effect of changes in adiposity on testosterone levels in older men: longitudinal results from the Massachusetts Male Aging Study. <i>European Journal of Endocrinology</i> , 2006 , 155, 443-52	6.5	125
267	Dose-dependent effects of testosterone on regional adipose tissue distribution in healthy young men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 718-26	5.6	125
266	Clinical review 85: Emerging issues in androgen replacement therapy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997 , 82, 3-8	5.6	123
265	Association of Testosterone Levels With Anemia in Older Men: A Controlled Clinical Trial. <i>JAMA Internal Medicine</i> , 2017 , 177, 480-490	11.5	120
264	Interlaboratory comparison study of serum total testosterone [corrected] measurements performed by mass spectrometry methods. <i>Steroids</i> , 2009 , 74, 498-503	2.8	120
263	Clinical meaningfulness of the changes in muscle performance and physical function associated with testosterone administration in older men with mobility limitation. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2011 , 66, 1090-9	6.4	117
262	A genome-wide association meta-analysis of circulating sex hormone-binding globulin reveals multiple Loci implicated in sex steroid hormone regulation. <i>PLoS Genetics</i> , 2012 , 8, e1002805	6	116
261	Testosterone administration inhibits hepcidin transcription and is associated with increased iron incorporation into red blood cells. <i>Aging Cell</i> , 2013 , 12, 280-91	9.9	113
260	Effect of testosterone replacement on response to sildenafil citrate in men with erectile dysfunction: a parallel, randomized trial. <i>Annals of Internal Medicine</i> , 2012 , 157, 681-91	8	113
259	Changes in muscle mass, muscle strength, and power but not physical function are related to testosterone dose in healthy older men. <i>Journal of the American Geriatrics Society</i> , 2008 , 56, 1991-9	5.6	112
258	Effect of testosterone supplementation with and without a dual 5 α -reductase inhibitor on fat-free mass in men with suppressed testosterone production: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 2012 , 307, 931-9	27.4	109
257	Y chromosome analysis of infertile men and their sons conceived through intracytoplasmic sperm injection: vertical transmission of deletions and rarity of de novo deletions. <i>Fertility and Sterility</i> , 2000 , 74, 909-15	4.8	107
256	Effects of testosterone replacement with a nongenital, transdermal system, Androderm, in human immunodeficiency virus-infected men with low testosterone levels. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 3155-62	5.6	106
255	Regulation of myogenic differentiation by androgens: cross talk between androgen receptor/ beta-catenin and follistatin/transforming growth factor-beta signaling pathways. <i>Endocrinology</i> , 2009 , 150, 1259-68	4.8	105
254	Effects of testosterone supplementation on whole body and regional fat mass and distribution in human immunodeficiency virus-infected men with abdominal obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 1049-57	5.6	105
253	Serum androgen levels in black, Hispanic, and white men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 4326-34	5.6	105
252	Free testosterone levels are associated with mobility limitation and physical performance in community-dwelling men: the Framingham Offspring Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 2790-9	5.6	103

251	Lessons From the Testosterone Trials. <i>Endocrine Reviews</i> , 2018 , 39, 369-386	27.2	102
250	Higher serum testosterone concentration in older women is associated with insulin resistance, metabolic syndrome, and cardiovascular disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 4776-84	5.6	102
249	Risks and benefits of testosterone therapy in older men. <i>Nature Reviews Endocrinology</i> , 2013 , 9, 414-24	15.2	100
248	Issues in testosterone replacement in older men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 3435-48	5.6	98
247	Advancing methods for US transgender health research. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2016 , 23, 198-207	4	97
246	Habitual physical activity levels are associated with performance in measures of physical function and mobility in older men. <i>Journal of the American Geriatrics Society</i> , 2010 , 58, 1727-33	5.6	96
245	Testosterone, sex hormone-binding globulin, and frailty in older men. <i>Journal of the American Geriatrics Society</i> , 2007 , 55, 548-55	5.6	91
244	Sex hormone-binding globulin, but not testosterone, is associated prospectively and independently with incident metabolic syndrome in men: the framingham heart study. <i>Diabetes Care</i> , 2011 , 34, 2464-70 ^{14.6}	14.6	87
243	The safety, pharmacokinetics, and effects of LGD-4033, a novel nonsteroidal oral, selective androgen receptor modulator, in healthy young men. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2013 , 68, 87-95	6.4	84
242	The effects of myostatin on adipogenic differentiation of human bone marrow-derived mesenchymal stem cells are mediated through cross-communication between Smad3 and Wnt/beta-catenin signaling pathways. <i>Journal of Biological Chemistry</i> , 2008 , 283, 9136-45	5.4	84
241	The Testosterone Trials: Seven coordinated trials of testosterone treatment in elderly men. <i>Clinical Trials</i> , 2014 , 11, 362-375	2.2	80
240	Measurement of myostatin concentrations in human serum: Circulating concentrations in young and older men and effects of testosterone administration. <i>Molecular and Cellular Endocrinology</i> , 2009 , 302, 26-32	4.4	79
239	Endogenous expression and localization of myostatin and its relation to myosin heavy chain distribution in C2C12 skeletal muscle cells. <i>Journal of Cellular Physiology</i> , 2002 , 190, 170-9	7	79
238	SAT-225 Machine Learning Models to Predict Personalized Response to Ovarian Stimulation during In Vitro Fertilization (IVF). <i>Journal of the Endocrine Society</i> , 2019 , 3,	0.4	78
237	Testosterone Treatment and Sexual Function in Older Men With Low Testosterone Levels. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 3096-104	5.6	78
236	Impact of frailty on outcomes in surgical patients: A systematic review and meta-analysis. <i>American Journal of Surgery</i> , 2019 , 218, 393-400	2.7	77
235	Approach to the infertile man. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 1995-2004	5.6	76
234	Effects of testosterone replacement in men with opioid-induced androgen deficiency: a randomized controlled trial. <i>Pain</i> , 2015 , 156, 280-288	8	75

233	Position stand on androgen and human growth hormone use. <i>Journal of Strength and Conditioning Research</i> , 2009 , 23, S1-S59	3.2	74
232	Testosterone supplementation for aging-associated sarcopenia. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2003 , 58, 1002-8	6.4	74
231	The effects of injected testosterone dose and age on the conversion of testosterone to estradiol and dihydrotestosterone in young and older men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 3955-64	5.6	73
230	Partial isolation and characterization of testicular GnRH-like factors. <i>Endocrinology</i> , 1983 , 112, 1144-6	4.8	71
229	The efficacy and adverse events of testosterone replacement therapy in hypogonadal men: A systematic review and meta-analysis of randomized, placebo-controlled trials. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 ,	5.6	70
228	Eight common genetic variants associated with serum DHEAS levels suggest a key role in ageing mechanisms. <i>PLoS Genetics</i> , 2011 , 7, e1002025	6	69
227	The impact of assay quality and reference ranges on clinical decision making in the diagnosis of androgen disorders. <i>Steroids</i> , 2008 , 73, 1311-7	2.8	68
226	Role of myostatin in metabolism. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2004 , 7, 451-7	3.8	67
225	Body Image Disorders and Abuse of Anabolic-Androgenic Steroids Among Men. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 317, 23-24	27.4	66
224	Sex hormone-binding globulin as an independent predictor of incident type 2 diabetes mellitus in men. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2010 , 65, 503-9	6.4	66
223	Skeletal muscle adaptations to testosterone and resistance training in men with COPD. <i>Journal of Applied Physiology</i> , 2007 , 103, 1299-310	3.7	65
222	Effects of Testosterone Supplementation for 3 Years on Muscle Performance and Physical Function in Older Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 583-593	5.6	65
221	Effect of Protein Intake on Lean Body Mass in Functionally Limited Older Men: A Randomized Clinical Trial. <i>JAMA Internal Medicine</i> , 2018 , 178, 530-541	11.5	64
220	Diagnosis and treatment of hypogonadism in men. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2011 , 25, 251-70	6.5	64
219	Testosterone inhibits transforming growth factor- β signaling during myogenic differentiation and proliferation of mouse satellite cells: potential role of follistatin in mediating testosterone action. <i>Molecular and Cellular Endocrinology</i> , 2012 , 350, 39-52	4.4	63
218	The role of GH and IGF-I in mediating anabolic effects of testosterone on androgen-responsive muscle. <i>Endocrinology</i> , 2011 , 152, 193-206	4.8	63
217	Prolonged hypogonadism in males following withdrawal from anabolic-androgenic steroids: an under-recognized problem. <i>Addiction</i> , 2015 , 110, 823-31	4.6	62
216	Association of sex hormones with sexual function, vitality, and physical function of symptomatic older men with low testosterone levels at baseline in the testosterone trials. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 1146-55	5.6	60

215	Testosterone dose-response relationships in hysterectomized women with or without oophorectomy: effects on sexual function, body composition, muscle performance and physical function in a randomized trial. <i>Menopause</i> , 2014 , 21, 612-23	2.5	60
214	All men with vasculogenic erectile dysfunction require a cardiovascular workup. <i>American Journal of Medicine</i> , 2014 , 127, 174-82	2.4	59
213	Association of sex steroids, gonadotrophins, and their trajectories with clinical cardiovascular disease and all-cause mortality in elderly men from the Framingham Heart Study. <i>Clinical Endocrinology</i> , 2013 , 78, 629-34	3.4	59
212	Tests of muscle strength and physical function: reliability and discrimination of performance in younger and older men and older men with mobility limitations. <i>Journal of the American Geriatrics Society</i> , 2008 , 56, 2118-23	5.6	59
211	The Effect of Testosterone on Cardiovascular Biomarkers in the Testosterone Trials. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 681-688	5.6	57
210	An investigation of the relationship between sex-steroid levels and urological symptoms: results from the Boston Area Community Health survey. <i>BJU International</i> , 2007 , 100, 321-6	5.6	57
209	A multi-step, dynamic allosteric model of testosterone binding to sex hormone binding globulin. <i>Molecular and Cellular Endocrinology</i> , 2015 , 399, 190-200	4.4	56
208	Age trends in estradiol and estrone levels measured using liquid chromatography tandem mass spectrometry in community-dwelling men of the Framingham Heart Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2013 , 68, 733-40	6.4	56
207	Association between testosterone and estradiol and age-related decline in physical function in a diverse sample of men. <i>Journal of the American Geriatrics Society</i> , 2008 , 56, 2000-8	5.6	56
206	Establishing the Link Between Lean Mass and Grip Strength Cut Points With Mobility Disability and Other Health Outcomes: Proceedings of the Sarcopenia Definition and Outcomes Consortium Conference. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020 , 75, 1317-1323	6.4	56
205	Development of models to predict anabolic response to testosterone administration in healthy young men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003 , 284, E1009-17	6	54
204	Androgen supplementation in older women: too much hype, not enough data. <i>Journal of the American Geriatrics Society</i> , 2002 , 50, 1131-40	5.6	54
203	Effects of testosterone administration on fat distribution, insulin sensitivity, and atherosclerosis progression. <i>Clinical Infectious Diseases</i> , 2003 , 37 Suppl 2, S142-9	11.6	53
202	A Randomized Trial of a Multifactorial Strategy to Prevent Serious Fall Injuries. <i>New England Journal of Medicine</i> , 2020 , 383, 129-140	59.2	51
201	Putative Cut-Points in Sarcopenia Components and Incident Adverse Health Outcomes: An SDOC Analysis. <i>Journal of the American Geriatrics Society</i> , 2020 , 68, 1429-1437	5.6	51
200	Testosterone improves the regeneration of old and young mouse skeletal muscle. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2013 , 68, 17-26	6.4	51
199	Medicaid Work Requirements - Results from the First Year in Arkansas. <i>New England Journal of Medicine</i> , 2019 , 381, 1073-1082	59.2	50
198	Chemical Composition and Labeling of Substances Marketed as Selective Androgen Receptor Modulators and Sold via the Internet. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 318, 2004-2010	27.4	49

197	Recovery of endocrine and inflammatory mediators following an extended energy deficit. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, 956-64	5.6	48
196	Role of follistatin in promoting adipogenesis in women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 3003-9	5.6	48
195	Stimulation of spermatogenesis with recombinant human follicle-stimulating hormone (follitropin alfa; GONAL-f): long-term treatment in azoospermic men with hypogonadotropic hypogonadism. <i>Fertility and Sterility</i> , 2009 , 92, 979-990	4.8	48
194	Androgen effects on body composition. <i>Growth Hormone and IGF Research</i> , 2003 , 13 Suppl A, S63-71	2	48
193	N-terminal propeptide of type III procollagen as a biomarker of anabolic response to recombinant human GH and testosterone. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 4224-33	5.6	47
192	Determinants of serum total and free testosterone levels in women over the age of 65 years. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 509-16	5.6	47
191	Oxandrolone in the treatment of HIV-associated weight loss in men: a randomized, double-blind, placebo-controlled study. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2006 , 41, 304-14	3.1	47
190	Effects of an oral androgen on muscle and metabolism in older, community-dwelling men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003 , 284, E120-8	6	47
189	A randomized, placebo-controlled trial of nandrolone decanoate in human immunodeficiency virus-infected men with mild to moderate weight loss with recombinant human growth hormone as active reference treatment. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 4474-82	5.6	47
188	Characteristics of Men Who Report Persistent Sexual Symptoms After Finasteride Use for Hair Loss. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 4669-4680	5.6	47
187	The effects of testosterone deprivation and supplementation on proteasomal and autophagy activity in the skeletal muscle of the male mouse: differential effects on high-androgen responder and low-androgen responder muscle groups. <i>Endocrinology</i> , 2013 , 154, 4594-606	4.8	46
186	Risk factors associated with cardiovascular events during testosterone administration in older men with mobility limitation. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2013 , 68, 153-60	6.4	46
185	Testosterone plus low-intensity physical training in late life improves functional performance, skeletal muscle mitochondrial biogenesis, and mitochondrial quality control in male mice. <i>PLoS ONE</i> , 2012 , 7, e51180	3.7	44
184	Higher serum free testosterone concentration in older women is associated with greater bone mineral density, lean body mass, and total fat mass: the cardiovascular health study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, 989-96	5.6	42
183	Age-associated sarcopenia--issues in the use of testosterone as an anabolic agent in older men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997 , 82, 1659-60	5.6	42
182	PHARMACOLOGICAL INTERVENTIONS IN FRAILITY AND SARCOPENIA: REPORT BY THE INTERNATIONAL CONFERENCE ON FRAILITY AND SARCOPENIA RESEARCH TASK FORCE. <i>Journal of Frailty & Aging, the</i> , 2015 , 4, 114-120	2.6	42
181	Inhibition of in vitro and in vivo brown fat differentiation program by myostatin. <i>Obesity</i> , 2013 , 21, 1180-8		41
180	Genetic disruption of myostatin reduces the development of proatherogenic dyslipidemia and atherogenic lesions in Ldlr null mice. <i>Diabetes</i> , 2009 , 58, 1739-48	0.9	41

179	Alterations in myostatin expression are associated with changes in cardiac left ventricular mass but not ejection fraction in the mouse. <i>Journal of Endocrinology</i> , 2007 , 194, 63-76	4.7	41
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177	Anabolic interventions for aging-associated sarcopenia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999 , 84, 3420-30	5.6	41
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