

Shalender Bhasin

List of Publications by Year in descending order

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332
papers

35,731
citations

3333

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337
all docs

337
docs citations

337
times ranked

23357
citing authors

#	ARTICLE	IF	CITATIONS
1	Sarcopenia: An Undiagnosed Condition in Older Adults. Current Consensus Definition: Prevalence, Etiology, and Consequences. International Working Group on Sarcopenia. Journal of the American Medical Directors Association, 2011, 12, 249-256.	1.2	2,427
2	Testosterone Therapy in Men with Androgen Deficiency Syndromes: An Endocrine Society Clinical Practice Guideline. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 2536-2559.	1.8	1,758
3	The Effects of Supraphysiologic Doses of Testosterone on Muscle Size and Strength in Normal Men. New England Journal of Medicine, 1996, 335, 1-7.	13.9	1,497
4	Adverse Events Associated with Testosterone Administration. New England Journal of Medicine, 2010, 363, 109-122.	13.9	1,293
5	Testosterone Therapy in Men With Hypogonadism: An Endocrine Society* Clinical Practice Guideline. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 1715-1744.	1.8	1,050
6	Sarcopenia With Limited Mobility: An International Consensus. Journal of the American Medical Directors Association, 2011, 12, 403-409.	1.2	884
7	Testosterone Therapy in Adult Men with Androgen Deficiency Syndromes: An Endocrine Society Clinical Practice Guideline. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 1995-2010.	1.8	851
8	Testosterone dose-response relationships in healthy young men. American Journal of Physiology - Endocrinology and Metabolism, 2001, 281, E1172-E1181.	1.8	767
9	Effects of Testosterone Treatment in Older Men. New England Journal of Medicine, 2016, 374, 611-624.	13.9	675
10	Adverse Events Associated With Testosterone Replacement in Middle-Aged and Older Men: A Meta-Analysis of Randomized, Placebo-Controlled Trials. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2005, 60, 1451-1457.	1.7	635
11	Adverse Effects of Testosterone Therapy in Adult Men: A Systematic Review and Meta-Analysis. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 2560-2575.	1.8	634
12	Nutritional Recommendations for the Management of Sarcopenia. Journal of the American Medical Directors Association, 2010, 11, 391-396.	1.2	548
13	Older Men Are as Responsive as Young Men to the Anabolic Effects of Graded Doses of Testosterone on the Skeletal Muscle. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 678-688.	1.8	492
14	Androgens Stimulate Myogenic Differentiation and Inhibit Adipogenesis in C3H 10T1/2 Pluripotent Cells through an Androgen Receptor-Mediated Pathway. Endocrinology, 2003, 144, 5081-5088.	1.4	476
15	Adverse Health Consequences of Performance-Enhancing Drugs: An Endocrine Society Scientific Statement. Endocrine Reviews, 2014, 35, 341-375.	8.9	434
16	Testosterone Replacement Increases Fat-Free Mass and Muscle Size in Hypogonadal Men ¹ . Journal of Clinical Endocrinology and Metabolism, 1997, 82, 407-413.	1.8	426
17	Testosterone action on skeletal muscle. Current Opinion in Clinical Nutrition and Metabolic Care, 2004, 7, 271-277.	1.3	354
18	Sarcopenia Definition: The Position Statements of the Sarcopenia Definition and Outcomes Consortium. Journal of the American Geriatrics Society, 2020, 68, 1410-1418.	1.3	347

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19	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-E164.	1.8	342
20	Myostatin inhibits cell proliferation and protein synthesis in C ₂ C ₁₂ muscle cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001, 280, E221-E228.	1.8	336
21	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, 870-878.	2.5	332
22	Testosterone Inhibits Adipogenic Differentiation in 3T3-L1 Cells: Nuclear Translocation of Androgen Receptor Complex with β -Catenin and T-Cell Factor 4 May Bypass Canonical Wnt Signaling to Down-Regulate Adipogenic Transcription Factors. <i>Endocrinology</i> , 2006, 147, 141-154.	1.4	332
23	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, 2430-2439.	1.8	332
24	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-E371.	1.8	326
25	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.	3.8	322
26	Effects of Graded Doses of Testosterone on Erythropoiesis in Healthy Young and Older Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 914-919.	1.8	310
27	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.	3.8	289
28	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-E888.	1.8	286
29	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, 146-159.	2.9	272
30	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-E205.	1.8	271
31	Testosterone Induces Erythrocytosis via Increased Erythropoietin and Suppressed Hcpidin: Evidence for a New Erythropoietin/Hemoglobin Set Point. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014, 69, 725-735.	1.7	268
32	Sexual dysfunction in men and women with endocrine disorders. <i>Lancet, The</i> , 2007, 369, 597-611.	6.3	263
33	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, 5245-5255.	1.8	255
34	High Serum Testosterone Is Associated With Reduced Risk of Cardiovascular Events in Elderly Men. <i>Journal of the American College of Cardiology</i> , 2011, 58, 1674-1681.	1.2	246
35	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, 3024-3033.	1.8	241
36	Effect of Testosterone Treatment on Volumetric Bone Density and Strength in Older Men With Low Testosterone. <i>JAMA Internal Medicine</i> , 2017, 177, 471.	2.6	241

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37	A Reappraisal of Testosterone's Binding in Circulation: Physiological and Clinical Implications. <i>Endocrine Reviews</i> , 2017, 38, 302-324.	8.9	231
38	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, 1478-1485.	1.8	221
39	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, 1923-1930.	1.8	213
40	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.	1.8	212
41	Effects of Testosterone Administration for 3 Years on Subclinical Atherosclerosis Progression in Older Men With Low or Low-Normal Testosterone Levels. <i>JAMA - Journal of the American Medical Association</i> , 2015, 314, 570.	3.8	204
42	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.	2.0	203
43	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, 136-143.	1.8	199
44	Testosterone Suppresses Hepcidin in Men: A Potential Mechanism for Testosterone-Induced Erythrocytosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 4743-4747.	1.8	197
45	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, 1312-1318.	1.8	195
46	Impact of frailty on outcomes in surgical patients: A systematic review and meta-analysis. <i>American Journal of Surgery</i> , 2019, 218, 393-400.	0.9	188
47	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, 3838-3846.	1.8	187
48	Myostatin Inhibits Myogenesis and Promotes Adipogenesis in C3H 10T(1/2) Mesenchymal Multipotent Cells. <i>Endocrinology</i> , 2005, 146, 3547-3557.	1.4	183
49	Association of Testosterone Levels With Anemia in Older Men. <i>JAMA Internal Medicine</i> , 2017, 177, 480.	2.6	180
50	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.	3.8	179
51	Genetic Determinants of Serum Testosterone Concentrations in Men. <i>PLoS Genetics</i> , 2011, 7, e1002313.	1.5	178
52	Selective androgen receptor modulators as function promoting therapies. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2009, 12, 232-240.	1.3	173
53	Lessons From the Testosterone Trials. <i>Endocrine Reviews</i> , 2018, 39, 369-386.	8.9	173
54	Sexual function does not change when serum testosterone levels are pharmacologically varied within the normal male range. <i>Fertility and Sterility</i> , 1993, 59, 1118-1123.	0.5	171

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55	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.	1.8	168
56	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-M1110.	1.7	161
57	Dose-Dependent Effects of Testosterone on Regional Adipose Tissue Distribution in Healthy Young Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 718-726.	1.8	152
58	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.	1.5	151
59	Testosterone administration inhibits hepcidin transcription and is associated with increased iron incorporation into red blood cells. <i>Aging Cell</i> , 2013, 12, 280-291.	3.0	147
60	Effect of Testosterone Replacement on Response to Sildenafil Citrate in Men With Erectile Dysfunction. <i>Annals of Internal Medicine</i> , 2012, 157, 681.	2.0	143
61	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, 443-452.	1.9	141
62	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, 66A, 1090-1099.	1.7	141
63	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, 1049-1057.	1.8	139
64	Advancing methods for US transgender health research. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2016, 23, 198-207.	1.2	139
65	Effects of dihydrotestosterone on differentiation and proliferation of human mesenchymal stem cells and preadipocytes. <i>Molecular and Cellular Endocrinology</i> , 2008, 296, 32-40.	1.6	138
66	Emerging Issues in Androgen Replacement Therapy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997, 82, 3-8.	1.8	137
67	Interlaboratory comparison study of serum total testosterone measurements performed by mass spectrometry methods. <i>Steroids</i> , 2009, 74, 498-503.	0.8	137
68	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, 909-915.	0.5	132
69	Risks and benefits of testosterone therapy in older men. <i>Nature Reviews Endocrinology</i> , 2013, 9, 414-424.	4.3	132
70	Effect of Testosterone Supplementation With and Without a Dual 5 α -Reductase Inhibitor on Fat-Free Mass in Men With Suppressed Testosterone Production. <i>JAMA - Journal of the American Medical Association</i> , 2012, 307, 931-9.	3.8	131
71	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, 2790-2799.	1.8	130
72	A Randomized Trial of a Multifactorial Strategy to Prevent Serious Fall Injuries. <i>New England Journal of Medicine</i> , 2020, 383, 129-140.	13.9	129

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73	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, 1991-1999.	1.3	126
74	Effects of Testosterone Replacement with a Nongenital, Transdermal System, Androderm, in Human Immunodeficiency Virus-Infected Men with Low Testosterone Levels ¹ . <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 3155-3162.	1.8	120
75	Regulation of Myogenic Differentiation by Androgens: Cross Talk between Androgen Receptor/ β -Catenin and Follistatin/Transforming Growth Factor- β Signaling Pathways. <i>Endocrinology</i> , 2009, 150, 1259-1268.	1.4	120
76	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.	1.3	120
77	Serum Androgen Levels in Black, Hispanic, and White Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 4326-4334.	1.8	117
78	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, 1727-1733.	1.3	116
79	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.	1.7	114
80	I. Introduction. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 3435-3436.	1.8	113
81	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, 4776-4784.	1.8	113
82	Testosterone Treatment and Sexual Function in Older Men With Low Testosterone Levels. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 3096-3104.	1.8	110
83	Testosterone, Sex Hormone-Binding Globulin, and Frailty in Older Men. <i>Journal of the American Geriatrics Society</i> , 2007, 55, 548-555.	1.3	107
84	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, 103, 1745-1754.	1.8	107
85	Sex Hormone-Binding Globulin, but Not Testosterone, Is Associated Prospectively and Independently With Incident Metabolic Syndrome in Men. <i>Diabetes Care</i> , 2011, 34, 2464-2470.	4.3	105
86	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.	1.6	104
87	Effects of testosterone replacement in men with opioid-induced androgen deficiency. <i>Pain</i> , 2015, 156, 280-288.	2.0	101
88	Prolonged hypogonadism in males following withdrawal from anabolic-androgenic steroids: an under-recognized problem. <i>Addiction</i> , 2015, 110, 823-831.	1.7	101
89	Body Image Disorders and Abuse of Anabolic-Androgenic Steroids Among Men. <i>JAMA - Journal of the American Medical Association</i> , 2017, 317, 23.	3.8	100
90	The Testosterone Trials: Seven coordinated trials of testosterone treatment in elderly men. <i>Clinical Trials</i> , 2014, 11, 362-375.	0.7	98

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91	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, 170-179.	2.0	96
92	The Effects of Myostatin on Adipogenic Differentiation of Human Bone Marrow-derived Mesenchymal Stem Cells Are Mediated through Cross-communication between Smad3 and Wnt/ β 2-Catenin Signaling Pathways. <i>Journal of Biological Chemistry</i> , 2008, 283, 9136-9145.	1.6	95
93	Position Stand on Androgen and Human Growth Hormone Use. <i>Journal of Strength and Conditioning Research</i> , 2009, 23, S1-S59.	1.0	94
94	Testosterone Supplementation for Aging-Associated Sarcopenia. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2003, 58, M1002-M1008.	1.7	92
95	Effect of Protein Intake on Lean Body Mass in Functionally Limited Older Men. <i>JAMA Internal Medicine</i> , 2018, 178, 530.	2.6	91
96	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.	1.7	91
97	Approach to the Infertile Man. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 1995-2004.	1.8	90
98	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, 3955-3964.	1.8	88
99	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, jc.2016-2771.	1.8	88
100	Eight Common Genetic Variants Associated with Serum DHEAS Levels Suggest a Key Role in Ageing Mechanisms. <i>PLoS Genetics</i> , 2011, 7, e1002025.	1.5	87
101	Testosterone dose-response relationships in hysterectomized women with or without oophorectomy. <i>Menopause</i> , 2014, 21, 612-623.	0.8	85
102	PARTIAL ISOLATION AND CHARACTERIZATION OF TESTICULAR GnRH-LIKE FACTORS. <i>Endocrinology</i> , 1983, 112, 1144-1146.	1.4	83
103	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.	3.8	81
104	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, 1146-1155.	1.8	79
105	The Effect of Testosterone on Cardiovascular Biomarkers in the Testosterone Trials. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 681-688.	1.8	79
106	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, 65A, 503-509.	1.7	78
107	Medicaid Work Requirements "Results from the First Year in Arkansas. <i>New England Journal of Medicine</i> , 2019, 381, 1073-1082.	13.9	77
108	The Role of GH and IGF-I in Mediating Anabolic Effects of Testosterone on Androgen-Responsive Muscle. <i>Endocrinology</i> , 2011, 152, 193-206.	1.4	75

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109	Diagnosis and treatment of hypogonadism in men. Best Practice and Research in Clinical Endocrinology and Metabolism, 2011, 25, 251-270.	2.2	74
110	All Men with Vasculogenic Erectile Dysfunction Require a Cardiovascular Workup. American Journal of Medicine, 2014, 127, 174-182.	0.6	74
111	Skeletal muscle adaptations to testosterone and resistance training in men with COPD. Journal of Applied Physiology, 2007, 103, 1299-1310.	1.2	73
112	Role of myostatin in metabolism. Current Opinion in Clinical Nutrition and Metabolic Care, 2004, 7, 451-457.	1.3	72
113	The impact of assay quality and reference ranges on clinical decision making in the diagnosis of androgen disorders. Steroids, 2008, 73, 1311-1317.	0.8	72
114	Testosterone inhibits transforming growth factor- β signaling during myogenic differentiation and proliferation of mouse satellite cells: Potential role of follistatin in mediating testosterone action. Molecular and Cellular Endocrinology, 2012, 350, 39-52.	1.6	72
115	Testosterone Improves the Regeneration of Old and Young Mouse Skeletal Muscle. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2013, 68, 17-26.	1.7	72
116	Tests of Muscle Strength and Physical Function: Reliability and Discrimination of Performance in Younger and Older Men and Older Men with Mobility Limitations. Journal of the American Geriatrics Society, 2008, 56, 2118-2123.	1.3	71
117	Age Trends in Estradiol and Estrone Levels Measured Using Liquid Chromatography Tandem Mass Spectrometry in Community-Dwelling Men of the Framingham Heart Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2013, 68, 733-740.	1.7	71
118	Recovery of Endocrine and Inflammatory Mediators Following an Extended Energy Deficit. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 956-964.	1.8	70
119	Association of sex steroids, gonadotrophins, and their trajectories with clinical cardiovascular disease and all-cause mortality in elderly men from the Framingham Heart Study. Clinical Endocrinology, 2013, 78, 629-634.	1.2	69
120	Association Between Testosterone and Estradiol and Age-Related Decline in Physical Function in a Diverse Sample of Men. Journal of the American Geriatrics Society, 2008, 56, 2000-2008.	1.3	68
121	Development of models to predict anabolic response to testosterone administration in healthy young men. American Journal of Physiology - Endocrinology and Metabolism, 2003, 284, E1009-E1017.	1.8	67
122	A multi-step, dynamic allosteric model of testosterone's binding to sex hormone binding globulin. Molecular and Cellular Endocrinology, 2015, 399, 190-200.	1.6	66
123	Effects of Testosterone Administration on Fat Distribution, Insulin Sensitivity, and Atherosclerosis Progression. Clinical Infectious Diseases, 2003, 37, S142-S149.	2.9	64
124	Effect of testosterone replacement on measures of mobility in older men with mobility limitation and low testosterone concentrations: secondary analyses of the Testosterone Trials. Lancet Diabetes and Endocrinology, 2018, 6, 879-890.	5.5	64
125	An investigation of the relationship between sex-steroid levels and urological symptoms: results from the Boston Area Community Health survey. BJU International, 2007, 100, 321-326.	1.3	62
126	Genetic Determinants of Circulating Estrogen Levels and Evidence of a Causal Effect of Estradiol on Bone Density in Men. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 991-1004.	1.8	60

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127	Androgen Supplementation in Older Women: Too Much Hype, Not Enough Data. <i>Journal of the American Geriatrics Society</i> , 2002, 50, 1131-1140.	1.3	58
128	Stimulation of spermatogenesis with recombinant human follicle-stimulating hormone (follitropin) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Fertility and Sterility, 2009, 92, 979-990.	0.5	58
129	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, 989-996.	1.8	58
130	Androgen effects on body composition. <i>Growth Hormone and IGF Research</i> , 2003, 13, S63-S71.	0.5	56
131	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, 4474-4482.	1.8	56
132	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, 4594-4606.	1.4	56
133	Strategies to Reduce Injuries and Develop Confidence in Elders (STRIDE): A Cluster-Randomized Pragmatic Trial of a Multifactorial Fall Injury Prevention Strategy: Design and Methods. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 1053-1061.	1.7	56
134	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-E128.	1.8	55
135	Oxandrolone in the Treatment of HIV-Associated Weight Loss in Men. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2006, 41, 304-314.	0.9	55
136	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, 509-516.	1.8	55
137	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, 4224-4233.	1.8	55
138	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.	1.1	55
139	Anabolic Interventions for Aging-Associated Sarcopenia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 3420-3430.	1.8	54
140	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.	1.8	54
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