

Brian K Schilling

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.

113
papers

2,257
citations

28
h-index

43
g-index

160
ext. papers

2,482
ext. citations

2
avg, IF

4.52
L-index

#	Paper	IF	Citations
113	Neuromuscular Fatigue in Pitchers Across a Collegiate Baseball Season. <i>Journal of Strength and Conditioning Research</i> , 2020 , 34, 1933-1937	3.2	
112	Kinetic and Electromyographic Subphase Characteristics With Relation to Countermovement Vertical Jump Performance. <i>Journal of Applied Biomechanics</i> , 2018 , 34, 291-297	1.2	21
111	Potential Utility of a Loaded Treadmill Protocol for Tactical Athletes. <i>Journal of Strength and Conditioning Research</i> , 2018 , 32, 610-616	3.2	4
110	Soreness-related changes in three-dimensional running biomechanics following eccentric knee extensor exercise. <i>European Journal of Sport Science</i> , 2017 , 17, 546-554	3.9	10
109	Noninvasive Assessment of Skeletal Muscle Myosin Heavy Chain Expression in Trained and Untrained Men. <i>Journal of Strength and Conditioning Research</i> , 2017 , 31, 2355-2362	3.2	4
108	Neuromuscular rate of force development deficit in Parkinson disease. <i>Clinical Biomechanics</i> , 2017 , 45, 14-18	2.2	13
107	Computerized Agility Training Improves Change-of-Direction and Balance Performance Independently of Footwear in Young Adults. <i>Research Quarterly for Exercise and Sport</i> , 2017 , 88, 44-51	1.9	4
106	Joint stiffness and running economy during imposed forefoot strike before and after a long run in rearfoot strike runners. <i>Journal of Sports Sciences</i> , 2017 , 35, 2297-2303	3.6	9
105	α -adrenergic receptor maladaptations to high power resistance exercise overreaching. <i>Human Physiology</i> , 2017 , 43, 446-454	0.3	6
104	Consistency of Lower-Body Dimensions Using Surface Landmarks and Simple Measurement Tools. <i>Journal of Strength and Conditioning Research</i> , 2016 , 30, 2600-8	3.2	1
103	Resting extracellular signal-regulated protein kinase 1/2 expression following a continuum of chronic resistance exercise training paradigms. <i>Research in Sports Medicine</i> , 2016 , 24, 298-303	3.8	9
102	Self-Reported Physical Tasks and Exercise Training in Special Weapons and Tactics (SWAT) Teams. <i>Journal of Strength and Conditioning Research</i> , 2016 , 30, 3242-3248	3.2	14
101	Do Lower-Body Dimensions and Body Composition Explain Vertical Jump Ability?. <i>Journal of Strength and Conditioning Research</i> , 2016 , 30, 3073-3083	3.2	10
100	Effects of footwear condition on maximal jumping performance. <i>Journal of Strength and Conditioning Research</i> , 2015 , 29, 1657-65	3.2	20
99	Maximal strength, power, and aerobic endurance adaptations to concurrent strength and sprint interval training. <i>European Journal of Applied Physiology</i> , 2014 , 114, 763-71	3.4	40
98	Snatch technique of United States national level weightlifters. <i>Journal of Strength and Conditioning Research</i> , 2014 , 28, 587-91	3.2	10
97	Muscle activation during various hamstring exercises. <i>Journal of Strength and Conditioning Research</i> , 2014 , 28, 1573-80	3.2	36

96	Kansas squat test: a reliable indicator of short-term anaerobic power. <i>Journal of Strength and Conditioning Research</i> , 2014 , 28, 630-5	3.2	4
95	Muscle Activity in Single- vs. Double-Leg Squats. <i>International Journal of Exercise Science</i> , 2014 , 7, 302-310	3	6
94	Physiological and pharmacokinetic effects of oral 1,3-dimethylamylamine administration in men. <i>BMC Pharmacology & Toxicology</i> , 2013 , 14, 52	2.6	13
93	Reliability of goniometry-based Q-angle. <i>PM and R</i> , 2013 , 5, 763-8	2.2	10
92	Pharmacokinetic data distinguish abusive versus dietary supplement uses of 1,3-dimethylamylamine. <i>Annals of Emergency Medicine</i> , 2013 , 61, 718-9	2.1	1
91	Comparison of Back Squat Kinematics between Barefoot and Shoe Conditions: A Commentary. <i>International Journal of Sports Science and Coaching</i> , 2013 , 8, 579-580	1.8	2
90	Should All Athletes Use Explosive Lifting?: A Commentary. <i>International Journal of Sports Science and Coaching</i> , 2013 , 8, 607-608	1.8	
89	Acute neuromuscular and metabolic responses to concurrent endurance and resistance exercise. <i>Journal of Strength and Conditioning Research</i> , 2013 , 27, 793-801	3.2	19
88	Effect of grip width on electromyographic activity during the upright row. <i>Journal of Strength and Conditioning Research</i> , 2013 , 27, 181-7	3.2	7
87	High-power resistance exercise induces MAPK phosphorylation in weightlifting trained men. <i>Applied Physiology, Nutrition and Metabolism</i> , 2012 , 37, 80-7	3	18
86	Possible new modalities for the Navy physical readiness test. <i>Military Medicine</i> , 2012 , 177, 1417-25	1.3	14
85	Impact of a dietary supplement containing 1,3-dimethylamylamine on blood pressure and bloodborne markers of health: a 10-week intervention study. <i>Nutrition and Metabolic Insights</i> , 2012 , 5, 33-9	1.9	9
84	Effects of 2-nitrooxy ethyl 2-amino 3-methylbutanoate gel on resistance exercise performance and blood nitrate/nitrite in resistance trained men. <i>Journal of Strength and Conditioning Research</i> , 2012 , 26, 1680-7	3.2	
83	Effects of repeated bouts of supramaximal exercise on plasma adiponectin, interleukin-6, and tumor necrosis factor- α levels in sedentary men. <i>Journal of Strength and Conditioning Research</i> , 2012 , 26, 1675-9	3.2	5
82	Association of drop vertical jump displacement with select performance variables. <i>Journal of Strength and Conditioning Research</i> , 2012 , 26, 1215-25	3.2	2
81	Absence of blood oxidative stress in trained men after strenuous exercise. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 1855-63	1.2	28
80	The effects of chronic betaine supplementation on exercise performance, skeletal muscle oxygen saturation and associated biochemical parameters in resistance trained men. <i>Journal of Strength and Conditioning Research</i> , 2011 , 25, 3461-71	3.2	37
79	Relationships between competitive wrestling success and neuroendocrine responses. <i>Journal of Strength and Conditioning Research</i> , 2011 , 25, 40-5	3.2	36

78	Comparison of isoinertial to simulated inertial force from a controlled resistance exercise device for spaceflight - biomed 2011. <i>Biomedical Sciences Instrumentation</i> , 2011 , 47, 41-5	0.7	
77	Effects of moderate-volume, high-load lower-body resistance training on strength and function in persons with Parkinson's disease: a pilot study. <i>Parkinsons Disease</i> , 2010 , 2010, 824734	2.6	37
76	A noninvasive, log-transform method for fiber type discrimination using mechanomyography. <i>Journal of Electromyography and Kinesiology</i> , 2010 , 20, 787-94	2.5	39
75	Structural and functional predictors of drop vertical jump. <i>Journal of Strength and Conditioning Research</i> , 2010 , 24, 2456-67	3.2	9
74	Reach height and jump displacement: implications for standardization of reach determination. <i>Journal of Strength and Conditioning Research</i> , 2010 , 24, 1596-601	3.2	24
73	Criterion Validity of Accelerometer-derived Peak Power Obtained during Jump Squats. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 80	1.2	2
72	Comparison of pre-workout nitric oxide stimulating dietary supplements on skeletal muscle oxygen saturation, blood nitrate/nitrite, lipid peroxidation, and upper body exercise performance in resistance trained men. <i>Journal of the International Society of Sports Nutrition</i> , 2010 , 7, 16	4.5	37
71	Ground reaction force comparison of controlled resistance methods to isoinertial loading of the squat exercise - biomed 2010. <i>Biomedical Sciences Instrumentation</i> , 2010 , 46, 293-8	0.7	
70	Acute exercise does not attenuate postprandial oxidative stress in prediabetic women. <i>Physician and Sportsmedicine</i> , 2009 , 37, 27-36	2.4	13
69	MMG-EMG cross spectrum and muscle fiber type. <i>International Journal of Sports Medicine</i> , 2009 , 30, 538-46	3.4	9
68	A wavelet-based analysis of surface mechanomyographic signals from the quadriceps femoris. <i>Muscle and Nerve</i> , 2009 , 39, 355-63	3.4	15
67	Dietary supplement increases plasma norepinephrine, lipolysis, and metabolic rate in resistance trained men. <i>Journal of the International Society of Sports Nutrition</i> , 2009 , 6, 4	4.5	13
66	Acute effects of VPX Meltdown [®] on plasma catecholamines, free fatty acids, glycerol, metabolic rate, and hemodynamics in young men and women. <i>Journal of the International Society of Sports Nutrition</i> , 2009 , 6,	4.5	78
65	Impaired leg extensor strength in individuals with Parkinson disease and relatedness to functional mobility. <i>Parkinsonism and Related Disorders</i> , 2009 , 15, 776-80	3.6	35
64	Repeated bout effect is absent in resistance trained men: an electromyographic analysis. <i>Journal of Electromyography and Kinesiology</i> , 2009 , 19, e529-35	2.5	25
63	Effect of eicosapentaenoic and docosahexaenoic acid on resting and exercise-induced inflammatory and oxidative stress biomarkers: a randomized, placebo controlled, cross-over study. <i>Lipids in Health and Disease</i> , 2009 , 8, 36	4.4	88
62	Effect of the dietary supplement Meltdown on catecholamine secretion, markers of lipolysis, and metabolic rate in men and women: a randomized, placebo controlled, cross-over study. <i>Lipids in Health and Disease</i> , 2009 , 8, 32	4.4	25
61	Postprandial oxidative stress: influence of sex and exercise training status. <i>Medicine and Science in Sports and Exercise</i> , 2009 , 41, 2111-9	1.2	25

60	Effects of unstable surface training on measures of balance in older adults. <i>Journal of Strength and Conditioning Research</i> , 2009 , 23, 1211-6	3.2	21
59	An examination of the relationships among myosin heavy chain isoform content, isometric strength, and mechanomyographic median frequency. <i>Journal of Strength and Conditioning Research</i> , 2009 , 23, 2683-8	3.2	2
58	Ground reaction force comparison of bilateral symmetry with pneumatic resistance squat device and free weights - biomech 2009. <i>Biomedical Sciences Instrumentation</i> , 2009 , 45, 419-23	0.7	
57	The influence of deformation on barbell mechanics during the clean pull. <i>Sports Biomechanics</i> , 2008 , 7, 260-73	2.2	5
56	The influence of myosin heavy chain isoform composition and training status on the patterns of responses for mechanomyographic amplitude versus isometric torque. <i>Journal of Strength and Conditioning Research</i> , 2008 , 22, 818-25	3.2	10
55	Acute High Load, High Power Resistance Exercise Activates an Apoptotic Signaling Pathway in Men Weightlifters. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, S8	1.2	
54	Effect of resistance training on blood oxidative stress in Parkinson disease. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, 1385-9	1.2	50
53	A 4-week choice foot speed and choice reaction training program improves agility in previously non-agility trained, but active men and women. <i>Journal of Strength and Conditioning Research</i> , 2008 , 22, 1901-7	3.2	20
52	Parkinson's disease and resistive exercise: rationale, review, and recommendations. <i>Movement Disorders</i> , 2008 , 23, 1-11	7	126
51	Force-velocity, impulse-momentum relationships: implications for efficacy of purposefully slow resistance training. <i>Journal of Sports Science and Medicine</i> , 2008 , 7, 299-304	2.7	14
50	Resting p-38 MAPK Activation and High Intensity Resistance Exercise Overtraining. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, S77	1.2	
49	Assessment of Two Velocity Measurement Approaches during Load-Spectrum Bench Press Throws. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, S216	1.2	
48	Effect of Resistance Exercise on Blood Oxidative Stress and Antioxidant Status in Parkinson's Disease. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, S435	1.2	
47	Prior exercise and antioxidant supplementation: effect on oxidative stress and muscle injury. <i>Journal of the International Society of Sports Nutrition</i> , 2007 , 4, 9	4.5	35
46	EFFICACY OF PRIOR ECCENTRIC EXERCISE IN ATTENUATING IMPAIRED EXERCISE PERFORMANCE AFTER MUSCLE INJURY IN RESISTANCE TRAINED MEN. <i>Journal of Strength and Conditioning Research</i> , 2007 , 21, 1053-1060	3.2	1
45	RELATIONSHIP OF JUMPING AND AGILITY PERFORMANCE IN FEMALE VOLLEYBALL ATHLETES. <i>Journal of Strength and Conditioning Research</i> , 2007 , 21, 1192-1196	3.2	6
44	Acute effects of augmented eccentric loading on jump squat performance. <i>Journal of Strength and Conditioning Research</i> , 2007 , 21, 372-7	3.2	15
43	Cortisol and stress responses during a game and practice in female collegiate soccer players. <i>Journal of Strength and Conditioning Research</i> , 2007 , 21, 583-8	3.2	50

42	Efficacy of prior eccentric exercise in attenuating impaired exercise performance after muscle injury in resistance trained men. <i>Journal of Strength and Conditioning Research</i> , 2007 , 21, 1053-60	3.2	7
41	Relationship of jumping and agility performance in female volleyball athletes. <i>Journal of Strength and Conditioning Research</i> , 2007 , 21, 1192-6	3.2	62
40	The influence of muscle fiber type composition on the patterns of responses for electromyographic and mechanomyographic amplitude and mean power frequency during a fatiguing submaximal isometric muscle action. <i>Electromyography and Clinical Neurophysiology</i> , 2007 , 47, 221-32		22
39	Techniques and considerations for determining isoinertial upper-body power. <i>Sports Biomechanics</i> , 2006 , 5, 293-311	2.2	10
38	Effect of a liquid multivitamin/mineral supplement on anaerobic exercise performance. <i>Research in Sports Medicine</i> , 2006 , 14, 53-64	3.8	15
37	beta2-Adrenergic receptor downregulation and performance decrements during high-intensity resistance exercise overtraining. <i>Journal of Applied Physiology</i> , 2006 , 101, 1664-72	3.7	47
36	Oxidative stress response in trained men following repeated squats or sprints. <i>Medicine and Science in Sports and Exercise</i> , 2006 , 38, 1436-42	1.2	66
35	ANTHROPOMETRIC AND PERFORMANCE VARIABLES DISCRIMINATING ELITE AMERICAN JUNIOR MEN WEIGHTLIFTERS. <i>Journal of Strength and Conditioning Research</i> , 2006 , 20, 861-866	3.2	14
34	Anthropometric and performance variables discriminating elite American junior men weightlifters. <i>Journal of Strength and Conditioning Research</i> , 2006 , 20, 861-6	3.2	29
33	A Primer on Weightlifting. <i>Strength and Conditioning Journal</i> , 2005 , 27, 42-48	2	10
32	Astaxanthin supplementation does not attenuate muscle injury following eccentric exercise in resistance-trained men. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2005 , 15, 401-12	4.4	24
31	Myosin heavy chain isoform expression: influence on isoinertial and isometric performance. <i>Research in Sports Medicine</i> , 2005 , 13, 301-15	3.8	6
30	A Primer on Weightlifting: From Sport to Sports Training. <i>Strength and Conditioning Journal</i> , 2005 , 27, 42	2	31
29	Myosin heavy chain isoform expression and in vivo isometric performance: a regression model. <i>Journal of Strength and Conditioning Research</i> , 2005 , 19, 270-5	3.2	6
28	Association Between Vertical Jump Displacement and Jump Squat Force Expressions. <i>Medicine and Science in Sports and Exercise</i> , 2005 , 37, S265	1.2	
27	Association Of Vertical Jump Performance To Jump Squat Power Expressions. <i>Medicine and Science in Sports and Exercise</i> , 2005 , 37, S260-261	1.2	
26	Neuromuscular fatigue and potentiation following two successive high intensity resistance exercise sessions. <i>European Journal of Applied Physiology</i> , 2004 , 92, 385-92	3.4	34
25	Influence of carbohydrate and age on lymphocyte function following a marathon. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2004 , 14, 308-22	4.4	18

24	Measurement of Resistance Exercise Force Expression. <i>Journal of Applied Biomechanics</i> , 2004 , 20, 204-212	3.2	122	31
23	Power and Maximum Strength Relationships During Performance of Dynamic and Static Weighted Jumps. <i>Journal of Strength and Conditioning Research</i> , 2003 , 17, 140-147	3.2		4
22	Effect of Knee Position on Hip and Knee Torques During the Barbell Squat. <i>Journal of Strength and Conditioning Research</i> , 2003 , 17, 629-633	3.2		15
21	Muscle Fiber and Performance Adaptations to Resistance Exercise with MyoVive, Colostrum or Casein and Whey Supplementation. <i>Research in Sports Medicine</i> , 2003 , 11, 109-128	3.8		6
20	Power and maximum strength relationships during performance of dynamic and static weighted jumps. <i>Journal of Strength and Conditioning Research</i> , 2003 , 17, 140-7	3.2		124
19	Postactivation potentiation response in athletic and recreationally trained individuals. <i>Journal of Strength and Conditioning Research</i> , 2003 , 17, 671-7	3.2		137
18	Muscle fiber characteristics and performance correlates of male Olympic-style weightlifters. <i>Journal of Strength and Conditioning Research</i> , 2003 , 17, 746-54	3.2		37
17	RELIABILITY OF FORCE MEASURES DURING LOAD-SPECTRUM KNEE EXTENSIONS. <i>Medicine and Science in Sports and Exercise</i> , 2003 , 35, S272	1.2		
16	Snatch Technique of Collegiate National Level Weightlifters. <i>Journal of Strength and Conditioning Research</i> , 2002 , 16, 551-555	3.2		1
15	Weightlifting Training and Hormonal Responses in Adolescent Males: Implications for Program Design. <i>Strength and Conditioning Journal</i> , 2002 , 24, 7	2		3
14	ASSOCIATION BETWEEN VERTICAL JUMPING DISTANCE AND DCER SQUATTING PEAK POWER. <i>Medicine and Science in Sports and Exercise</i> , 2002 , 34, S277	1.2		
13	Myosin Heavy Chain Expression and Dynamic Strength and Force Variables in Weight-Trained Females. <i>Medicine and Science in Sports and Exercise</i> , 2002 , 34, 72	1.2		
12	ASSOCIATION BETWEEN VERTICAL JUMPING DISPLACEMENT AND MECHANICAL FORCE PRODUCED DURING DYNAMIC CONSTANT EXTERNAL RESISTANCE SQUATS. <i>Medicine and Science in Sports and Exercise</i> , 2002 , 34, S277	1.2		
11	The Relationship Between EMG-Time and Isometric Force-Time Curves. <i>Medicine and Science in Sports and Exercise</i> , 2002 , 34, 22	1.2		
10	STABILITY RELIABILITY OF EXTERNAL POWER MEASURES OBTAINED DURING LOAD-SPECTRUM SQUATS. <i>Medicine and Science in Sports and Exercise</i> , 2002 , 34, S277	1.2		
9	INTER-DAY RELIABILITY OF VELOCITY MEASURES OBTAINED DURING LOAD-SPECTRUM SQUATS. <i>Medicine and Science in Sports and Exercise</i> , 2002 , 34, S174	1.2		
8	Creatine supplementation and health variables: a retrospective study. <i>Medicine and Science in Sports and Exercise</i> , 2001 , 33, 183-8	1.2		67
7	Short-Term Performance Effects of Weight Training With Multiple Sets Not to Failure vs. a Single Set to Failure in Women. <i>Journal of Strength and Conditioning Research</i> , 2000 , 14, 328-331	3.2		2

6	Influence of carbohydrate on cytokine and phagocytic responses to 2 h of rowing. <i>Medicine and Science in Sports and Exercise</i> , 2000 , 32, 1384-9	1.2	41
5	Immune function in female elite rowers and non-athletes. <i>British Journal of Sports Medicine</i> , 2000 , 34, 181-7	10.3	40
4	Immune response to two hours of rowing in elite female rowers. <i>International Journal of Sports Medicine</i> , 1999 , 20, 476-81	3.6	27
3	Periodization. <i>Strength and Conditioning Journal</i> , 1999 , 21, 56	2	9
2	Periodization. <i>Strength and Conditioning Journal</i> , 1999 , 21, 54	2	23
1	Athletic Performance Development: Volume Load— Set vs. Multiple Sets, Training Velocity and Training Variation. <i>Strength and Conditioning Journal</i> , 1998 , 20, 22		29