

Andrew D Vigotsky

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.

51
papers

983
citations

17
h-index

29
g-index

66
ext. papers

1,320
ext. citations

3.7
avg, IF

4.84
L-index

#	Paper	IF	Citations
51	Interpreting Signal Amplitudes in Surface Electromyography Studies in Sport and Rehabilitation Sciences. <i>Frontiers in Physiology</i> , 2017 , 8, 985	4.6	158
50	Effects of a Six-Week Hip Thrust vs. Front Squat Resistance Training Program on Performance in Adolescent Males: A Randomized Controlled Trial. <i>Journal of Strength and Conditioning Research</i> , 2017 , 31, 999-1008	3.2	66
49	A Critical Evaluation of the Biological Construct Skeletal Muscle Hypertrophy: Size Matters but So Does the Measurement. <i>Frontiers in Physiology</i> , 2019 , 10, 247	4.6	61
48	A Comparison of Gluteus Maximus, Biceps Femoris, and Vastus Lateralis Electromyographic Activity in the Back Squat and Barbell Hip Thrust Exercises. <i>Journal of Applied Biomechanics</i> , 2015 , 31, 452-8	1.2	50
47	The Role of Descending Modulation in Manual Therapy and Its Analgesic Implications: A Narrative Review. <i>Pain Research and Treatment</i> , 2015 , 2015, 292805	1.9	49
46	Hypertrophic Effects of Concentric vs. Eccentric Muscle Actions: A Systematic Review and Meta-analysis. <i>Journal of Strength and Conditioning Research</i> , 2017 , 31, 2599-2608	3.2	46
45	A Comparison of Gluteus Maximus, Biceps Femoris, and Vastus Lateralis Electromyography Amplitude in the Parallel, Full, and Front Squat Variations in Resistance-Trained Females. <i>Journal of Applied Biomechanics</i> , 2016 , 32, 16-22	1.2	37
44	Acute effects of anterior thigh foam rolling on hip angle, knee angle, and rectus femoris length in the modified Thomas test. <i>PeerJ</i> , 2015 , 3, e1281	3.1	36
43	Strengthening the Practice of Exercise and Sport-Science Research. <i>International Journal of Sports Physiology and Performance</i> , 2018 , 13, 127-134	3.5	36
42	The modified Thomas test is not a valid measure of hip extension unless pelvic tilt is controlled. <i>PeerJ</i> , 2016 , 4, e2325	3.1	30
41	Differential Effects of Heavy Versus Moderate Loads on Measures of Strength and Hypertrophy in Resistance-Trained Men. <i>Journal of Sports Science and Medicine</i> , 2016 , 15, 715-722	2.7	25
40	Greater electromyographic responses do not imply greater motor unit recruitment and 'hypertrophic potential' cannot be inferred. <i>Journal of Strength and Conditioning Research</i> , 2017 , 31, e1-e4	3.2	24
39	A Comparison of Gluteus Maximus, Biceps Femoris, and Vastus Lateralis Electromyography Amplitude for the Barbell, Band, and American Hip Thrust Variations. <i>Journal of Applied Biomechanics</i> , 2016 , 32, 254-60	1.2	23
38	Moving Sport and Exercise Science Forward: A Call for the Adoption of More Transparent Research Practices. <i>Sports Medicine</i> , 2020 , 50, 449-459	10.6	23
37	Mechanical misconceptions: Have we lost the "mechanics" in "sports biomechanics"?. <i>Journal of Biomechanics</i> , 2019 , 93, 1-5	2.9	21
36	ACUTE EFFECTS OF DIFFERENT ANTERIOR THIGH SELF-MASSAGE ON HIP RANGE-OF-MOTION IN TRAINED MEN. <i>International Journal of Sports Physical Therapy</i> , 2018 , 13, 104-113	1.4	21
35	Differential effects of attentional focus strategies during long-term resistance training. <i>European Journal of Sport Science</i> , 2018 , 18, 705-712	3.9	17

34	Acute to random workload ratio is associated with injury as acute to actual chronic workload ratio: time to dismiss ACWR and its components		16
33	Upper body muscle activation during low-versus high-load resistance exercise in the bench press. <i>Isokinetics and Exercise Science</i> , 2016 , 24, 217-224	0.6	15
32	What Role Do Chronic Workloads Play in the Acute to Chronic Workload Ratio? Time to Dismiss ACWR and Its Underlying Theory. <i>Sports Medicine</i> , 2021 , 51, 581-592	10.6	15
31	Temporal Factors Associated With Opioid Prescriptions for Patients With Pain Conditions in an Urban Emergency Department. <i>JAMA Network Open</i> , 2020 , 3, e200802	10.4	14
30	A comparison of two gluteus maximus EMG maximum voluntary isometric contraction positions. <i>PeerJ</i> , 2015 , 3, e1261	3.1	14
29	Call to increase statistical collaboration in sports science, sport and exercise medicine and sports physiotherapy. <i>British Journal of Sports Medicine</i> , 2021 , 55, 118-122	10.3	13
28	Methods matter: the relationship between strength and hypertrophy depends on methods of measurement and analysis. <i>PeerJ</i> , 2018 , 6, e5071	3.1	13
27	ACUTE EFFECTS OF DIFFERENT SELF-MASSAGE VOLUMES ON THE FMS OVERHEAD DEEP SQUAT PERFORMANCE. <i>International Journal of Sports Physical Therapy</i> , 2017 , 12, 94-104	1.4	12
26	Biomechanical, Anthropometric, and Psychological Determinants of Barbell Back Squat Strength. <i>Journal of Strength and Conditioning Research</i> , 2019 , 33 Suppl 1, S26-S35	3.2	12
25	Do the anatomical and physiological properties of a muscle determine its adaptive response to different loading protocols?. <i>Physiological Reports</i> , 2020 , 8, e14427	2.6	11
24	Motor unit recruitment cannot be inferred from surface EMG amplitude and basic reporting standards must be adhered to. <i>European Journal of Applied Physiology</i> , 2016 , 116, 657-8	3.4	11
23	MAXIMUM REPETITION PERFORMANCE AFTER DIFFERENT ANTAGONIST FOAM ROLLING VOLUMES IN THE INTER-SET REST PERIOD. <i>International Journal of Sports Physical Therapy</i> , 2017 , 12, 76-84	1.4	11
22	Effects of load on good morning kinematics and EMG activity. <i>PeerJ</i> , 2015 , 3, e708	3.1	10
21	Effects of barbell back squat stance width on sagittal and frontal hip and knee kinetics. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019 , 29, 44-54	4.6	9
20	Biomechanical implications of skeletal muscle hypertrophy and atrophy: a musculoskeletal model. <i>PeerJ</i> , 2015 , 3, e1462	3.1	8
19	A Comparison of Increases in Volume Load Over 8 Weeks of Low-Versus High-Load Resistance Training. <i>Asian Journal of Sports Medicine</i> , 2016 , 7, e29247	1.4	8
18	Differences in unilateral chest press muscle activation and kinematics on a stable versus unstable surface while holding one versus two dumbbells. <i>PeerJ</i> , 2015 , 3, e1365	3.1	7
17	To Flex or Rest: Does Adding No-Load Isometric Actions to the Inter-Set Rest Period in Resistance Training Enhance Muscular Adaptations? A Randomized-Controlled Trial. <i>Frontiers in Physiology</i> , 2019 , 10, 1571	4.6	7

16	Comment on: "A Method to Stop Analyzing Random Error and Start Analyzing Differential Responders to Exercise". <i>Sports Medicine</i> , 2020 , 50, 431-434	10.6	6
15	Brain gray matter abnormalities in osteoarthritis pain: a cross-sectional evaluation. <i>Pain</i> , 2020 , 161, 216782178	6	
14	The mind-muscle connection in resistance training: friend or foe?. <i>European Journal of Applied Physiology</i> , 2016 , 116, 863-4	3.4	5
13	A case against default effect sizes in sport and exercise science. <i>PeerJ</i> , 2020 , 8, e10314	3.1	5
12	Effects of 6-week squat, deadlift, or hip thrust training program on speed, power, agility, and strength in experienced lifters: A pilot study. <i>Journal of Trainology</i> , 2017 , 6, 13-17	1.2	4
11	ACUTE EFFECTS OF DIFFERENT ANTERIOR THIGH SELF-MASSAGE ON HIP RANGE-OF-MOTION IN TRAINED MEN. <i>International Journal of Sports Physical Therapy</i> , 2018 , 13, 104-113	1.4	4
10	Resistance Training Recommendations to Maximize Muscle Hypertrophy in an Athletic Population: Position Stand of the IUSCA 2021 , 1,		4
9	Mapping the relationships between joint stiffness, modeled muscle stiffness, and shear wave velocity. <i>Journal of Applied Physiology</i> , 2020 , 129, 483-491	3.7	3
8	Interpreting Signal Amplitudes in Surface Electromyography Studies in Sport and Rehabilitation Sciences		3
7	A comment on the statistical analyses and purported effects in Mohr et al. <i>Journal of Sport Rehabilitation</i> , 2015 , 24, 89	1.7	2
6	Longing for a Longitudinal Proxy: Acutely Measured Surface EMG Amplitude is not a Validated Predictor of Muscle Hypertrophy.. <i>Sports Medicine</i> , 2022 , 52, 193	10.6	2
5	Validity, reliability, and measurement error of a sit-to-stand power test in older adults: A pre-registered study. <i>Experimental Gerontology</i> , 2021 , 145, 111202	4.5	2
4	Dissimilarity of functional connectivity uncovers the influence of participant's motion in functional magnetic resonance imaging studies. <i>Human Brain Mapping</i> , 2021 , 42, 713-723	5.9	2
3	In vivo relationship between joint stiffness, joint-based estimates of muscle stiffness, and shear-wave velocity. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2018 , 2018, 1468-1471	0.9	2
2	Limits of decoding mental states with fMRI.. <i>Cortex</i> , 2022 , 149, 101-122	3.8	0
1	What Is the Numerical Nature of Pain Relief?. <i>Frontiers in Pain Research</i> , 2021 , 2, 756680	1.4	0