Andrew D Vigotsky

List of Publications by Year in Descending Order

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	Limits of decoding mental states with fMRI.. *Cortex*, **2022**, 149, 101-122	3.8	0
50	Longing for a Longitudinal Proxy: Acutely Measured Surface EMG Amplitude is not a Validated Predictor of Muscle Hypertrophy.. *Sports Medicine*, **2022**, 52, 193	10.6	2
49	What Is the Numerical Nature of Pain Relief?. *Frontiers in Pain Research*, **2021**, 2, 756680	1.4	0
48	Validity, reliability, and measurement error of a sit-to-stand power test in older adults: A pre-registered study. *Experimental Gerontology*, **2021**, 145, 111202	4.5	2
47	Dissimilarity of functional connectivity uncovers the influence of participant's motion in functional magnetic resonance imaging studies. *Human Brain Mapping*, **2021**, 42, 713-723	5.9	2
46	What Role Do Chronic Workloads Play in the Acute to Chronic Workload Ratio? Time to Dismiss ACWR and Its Underlying Theory. *Sports Medicine*, **2021**, 51, 581-592	10.6	15
45	Call to increase statistical collaboration in sports science, sport and exercise medicine and sports physiotherapy. *British Journal of Sports Medicine*, **2021**, 55, 118-122	10.3	13
44	Resistance Training Recommendations to Maximize Muscle Hypertrophy in an Athletic Population: Position Stand of the IUSCA **2021**, 1,		4
43	Mapping the relationships between joint stiffness, modeled muscle stiffness, and shear wave velocity. *Journal of Applied Physiology*, **2020**, 129, 483-491	3.7	3
42	Do the anatomical and physiological properties of a muscle determine its adaptive response to different loading protocols?. *Physiological Reports*, **2020**, 8, e14427	2.6	11
41	Temporal Factors Associated With Opioid Prescriptions for Patients With Pain Conditions in an Urban Emergency Department. *JAMA Network Open*, **2020**, 3, e200802	10.4	14
40	A case against default effect sizes in sport and exercise science. *PeerJ*, **2020**, 8, e10314	3.1	5
39	Moving Sport and Exercise Science Forward: A Call for the Adoption of More Transparent Research Practices. *Sports Medicine*, **2020**, 50, 449-459	10.6	23
38	Comment on: "A Method to Stop Analyzing Random Error and Start Analyzing Differential Responders to Exercise". *Sports Medicine*, **2020**, 50, 431-434	10.6	6
37	Brain gray matter abnormalities in osteoarthritis pain: a cross-sectional evaluation. *Pain*, **2020**, 161, 2167821782178		6
36	A Critical Evaluation of the Biological Construct Skeletal Muscle Hypertrophy: Size Matters but So Does the Measurement. *Frontiers in Physiology*, **2019**, 10, 247	4.6	61
35	Mechanical misconceptions: Have we lost the "mechanics" in "sports biomechanics"?. *Journal of Biomechanics*, **2019**, 93, 1-5	2.9	21

34	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. *Frontiers in Physiology*, **2019**, 10, 1571	4.6	7
33	Effects of barbell back squat stance width on sagittal and frontal hip and knee kinetics. *Scandinavian Journal of Medicine and Science in Sports*, **2019**, 29, 44-54	4.6	9
32	Biomechanical, Anthropometric, and Psychological Determinants of Barbell Back Squat Strength. *Journal of Strength and Conditioning Research*, **2019**, 33 Suppl 1, S26-S35	3.2	12
31	Differential effects of attentional focus strategies during long-term resistance training. *European Journal of Sport Science*, **2018**, 18, 705-712	3.9	17
30	ACUTE EFFECTS OF DIFFERENT ANTERIOR THIGH SELF-MASSAGE ON HIP RANGE-OF-MOTION IN TRAINED MEN. *International Journal of Sports Physical Therapy*, **2018**, 13, 104-113	1.4	4
29	ACUTE EFFECTS OF DIFFERENT ANTERIOR THIGH SELF-MASSAGE ON HIP RANGE-OF-MOTION IN TRAINED MEN. *International Journal of Sports Physical Therapy*, **2018**, 13, 104-113	1.4	21
28	Strengthening the Practice of Exercise and Sport-Science Research. *International Journal of Sports Physiology and Performance*, **2018**, 13, 127-134	3.5	36
27	In vivo relationship between joint stiffness, joint-based estimates of muscle stiffness, and shear-wave velocity. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2018**, 2018, 1468-1471	0.9	2
26	Methods matter: the relationship between strength and hypertrophy depends on methods of measurement and analysis. *PeerJ*, **2018**, 6, e5071	3.1	13
25	Greater electromyographic responses do not imply greater motor unit recruitment and 'hypertrophic potential' cannot be inferred. *Journal of Strength and Conditioning Research*, **2017**, 31, e1-e4	3.2	24
24	Hypertrophic Effects of Concentric vs. Eccentric Muscle Actions: A Systematic Review and Meta-analysis. *Journal of Strength and Conditioning Research*, **2017**, 31, 2599-2608	3.2	46
23	Effects of a Six-Week Hip Thrust vs. Front Squat Resistance Training Program on Performance in Adolescent Males: A Randomized Controlled Trial. *Journal of Strength and Conditioning Research*, **2017**, 31, 999-1008	3.2	66
22	Interpreting Signal Amplitudes in Surface Electromyography Studies in Sport and Rehabilitation Sciences. *Frontiers in Physiology*, **2017**, 8, 985	4.6	158
21	Effects of 6-week squat, deadlift, or hip thrust training program on speed, power, agility, and strength in experienced lifters: A pilot study. *Journal of Trainology*, **2017**, 6, 13-17	1.2	4
20	MAXIMUM REPETITION PERFORMANCE AFTER DIFFERENT ANTAGONIST FOAM ROLLING VOLUMES IN THE INTER-SET REST PERIOD. *International Journal of Sports Physical Therapy*, **2017**, 12, 76-84	1.4	11
19	ACUTE EFFECTS OF DIFFERENT SELF-MASSAGE VOLUMES ON THE FMS□OVERHEAD DEEP SQUAT PERFORMANCE. *International Journal of Sports Physical Therapy*, **2017**, 12, 94-104	1.4	12
18	A Comparison of Gluteus Maximus, Biceps Femoris, and Vastus Lateralis Electromyography Amplitude for the Barbell, Band, and American Hip Thrust Variations. *Journal of Applied Biomechanics*, **2016**, 32, 254-60	1.2	23
17	A Comparison of Gluteus Maximus, Biceps Femoris, and Vastus Lateralis Electromyography Amplitude in the Parallel, Full, and Front Squat Variations in Resistance-Trained Females. *Journal of Applied Biomechanics*, **2016**, 32, 16-22	1.2	37

16	The mind-muscle connection in resistance training: friend or foe?. *European Journal of Applied Physiology*, **2016**, 116, 863-4	3.4	5
15	Motor unit recruitment cannot be inferred from surface EMG amplitude and basic reporting standards must be adhered to. *European Journal of Applied Physiology*, **2016**, 116, 657-8	3.4	11
14	Differential Effects of Heavy Versus Moderate Loads on Measures of Strength and Hypertrophy in Resistance-Trained Men. *Journal of Sports Science and Medicine*, **2016**, 15, 715-722	2.7	25
13	The modified Thomas test is not a valid measure of hip extension unless pelvic tilt is controlled. *PeerJ*, **2016**, 4, e2325	3.1	30
12	A Comparison of Increases in Volume Load Over 8 Weeks of Low-Versus High-Load Resistance Training. *Asian Journal of Sports Medicine*, **2016**, 7, e29247	1.4	8
11	Upper body muscle activation during low-versus high-load resistance exercise in the bench press. *Isokinetics and Exercise Science*, **2016**, 24, 217-224	0.6	15
10	A comment on the statistical analyses and purported effects in Mohr et al. *Journal of Sport Rehabilitation*, **2015**, 24, 89	1.7	2
9	A Comparison of Gluteus Maximus, Biceps Femoris, and Vastus Lateralis Electromyographic Activity in the Back Squat and Barbell Hip Thrust Exercises. *Journal of Applied Biomechanics*, **2015**, 31, 452-8	1.2	50
8	A comparison of two gluteus maximus EMG maximum voluntary isometric contraction positions. *PeerJ*, **2015**, 3, e1261	3.1	14
7	Acute effects of anterior thigh foam rolling on hip angle, knee angle, and rectus femoris length in the modified Thomas test. *PeerJ*, **2015**, 3, e1281	3.1	36
6	The Role of Descending Modulation in Manual Therapy and Its Analgesic Implications: A Narrative Review. *Pain Research and Treatment*, **2015**, 2015, 292805	1.9	49
5	Differences in unilateral chest press muscle activation and kinematics on a stable versus unstable surface while holding one versus two dumbbells. *PeerJ*, **2015**, 3, e1365	3.1	7
4	Biomechanical implications of skeletal muscle hypertrophy and atrophy: a musculoskeletal model. *PeerJ*, **2015**, 3, e1462	3.1	8
3	Effects of load on good morning kinematics and EMG activity. *PeerJ*, **2015**, 3, e708	3.1	10
2	Acute to random workload ratio is ⊠s⊡associated with injury as acute to actual chronic workload ratio: time to dismiss ACWR and its components		16
1	Interpreting Signal Amplitudes in Surface Electromyography Studies in Sport and Rehabilitation Sciences		3