

# Sean P Cumming

## List of Publications by Year in descending order

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Version: 2024-02-01

114  
papers

4,883  
citations

125106

35  
h-index

124990

64  
g-index

114  
all docs

114  
docs citations

114  
times ranked

3802  
citing authors

#	ARTICLE	IF	CITATIONS
1	One of these things is not like the other: time to differentiate between relative age and biological maturity selection biases in soccer?. <i>Science and Medicine in Football</i> , 2022, 6, 273-276.	1.0	26
2	Estimating somatic maturity in adolescent soccer players: Methodological comparisons. <i>International Journal of Sports Science and Coaching</i> , 2022, 17, 11-17.	0.7	9
3	Maturity-Associated Differences in Match Running Performance in Elite Male Youth Soccer Players. <i>International Journal of Sports Physiology and Performance</i> , 2022, 17, 1352-1360.	1.1	6
4	Physical activity and growth. , 2022, , 469-490.		0
5	Developmental Training Model for the Sport Specialized Youth Athlete: A Dynamic Strategy for Individualizing Load-Response During Maturation. <i>Sports Health</i> , 2022, 14, 142-153.	1.3	31
6	A comparison of the associations between bone health and three different intensities of accelerometer-derived habitual physical activity in children and adolescents: a systematic review. <i>Osteoporosis International</i> , 2022, 33, 1191-1222.	1.3	5
7	The influence of exposure, growth and maturation on injury risk in male academy football players. <i>Journal of Sports Sciences</i> , 2022, 40, 1127-1136.	1.0	15
8	Are relative age and biological ages associated with coaches'™ evaluations of match performance in male academy soccer players?. <i>International Journal of Sports Science and Coaching</i> , 2021, 16, 227-235.	0.7	29
9	Coach awareness, knowledge and practice in relation to growth and maturation and training load in competitive, young gymnasts. <i>International Journal of Sports Science and Coaching</i> , 2021, 16, 528-543.	0.7	8
10	Characteristics of select and non-select U15 male soccer players. <i>Biology of Sport</i> , 2021, 38, 535-544.	1.7	7
11	Construct validity of percentage of predicted adult height and BAUS skeletal age to assess biological maturity in academy soccer. <i>Annals of Human Biology</i> , 2021, 48, 101-109.	0.4	6
12	The effects of maturity matched and un-matched opposition on physical performance and spatial exploration behavior during youth basketball matches. <i>PLoS ONE</i> , 2021, 16, e0249739.	1.1	11
13	A Comparison of an Alternative Weight-Grading Model Against Chronological Age Group Model for the Grouping of Schoolboy Male Rugby Players. <i>Frontiers in Physiology</i> , 2021, 12, 670720.	1.3	4
14	The influence of growth and training loads on injury risk in competitive trampoline gymnasts. <i>Journal of Sports Sciences</i> , 2021, 39, 2632-2641.	1.0	9
15	Observed and predicted ages at peak height velocity in soccer players. <i>PLoS ONE</i> , 2021, 16, e0254659.	1.1	15
16	Return to competitive gymnastics training in the UK following the first COVID-19 national lockdown. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021, , .	1.3	5
17	Of Grit and Grace: Negotiating Puberty, Surviving, and Succeeding in Professional Ballet. <i>Women in Sport and Physical Activity Journal</i> , 2021, 29, 127-138.	1.0	0
18	Does adjusting for biological maturity when calculating child weight status improve the accuracy of predicting future health risk?. <i>BMC Public Health</i> , 2021, 21, 1979.	1.2	2

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19	The effect of bio-banding on the anthropometric, physical fitness and functional movement characteristics of academy soccer players. <i>PLoS ONE</i> , 2021, 16, e0260136.	1.1	11
20	Maturity Has a Greater Association than Relative Age with Physical Performance in English Male Academy Soccer Players. <i>Sports</i> , 2021, 9, 171.	0.7	22
21	The effect of bio-banding on academy soccer player passing networks: Implications of relative pitch size. <i>PLoS ONE</i> , 2021, 16, e0260867.	1.1	7
22	Relative age and maturation selection biases in academy football. <i>Journal of Sports Sciences</i> , 2020, 38, 1359-1367.	1.0	50
23	Sleep characteristics and health-related quality of life in 9- to 11-year-old children from 12 countries. <i>Sleep Health</i> , 2020, 6, 4-14.	1.3	24
24	Accuracy of maturity prediction equations in individual elite male football players. <i>Annals of Human Biology</i> , 2020, 47, 409-416.	0.4	23
25	Maturation timing, physical self-perceptions and physical activity in UK adolescent females: investigation of a mediated effects model. <i>Annals of Human Biology</i> , 2020, 47, 384-390.	0.4	5
26	Exploring the relationship between adolescent biological maturation, physical activity, and sedentary behaviour: a systematic review and narrative synthesis. <i>Annals of Human Biology</i> , 2020, 47, 365-383.	0.4	12
27	Human biology of physical activity in the growing child. <i>Annals of Human Biology</i> , 2020, 47, 313-315.	0.4	4
28	The psychology of bio-banding: a Vygotskian perspective. <i>Annals of Human Biology</i> , 2020, 47, 328-335.	0.4	13
29	Coaches'™ Evaluations of Match Performance in Academy Soccer Players in Relation to the Adolescent Growth Spurt. <i>Journal of Science in Sport and Exercise</i> , 2020, 2, 359-366.	0.4	9
30	The Main and Interactive Effects of Biological Maturity and Relative Age on Physical Performance in Elite Youth Soccer Players. Hindawi Publishing Corporation, 2020, 2020, 1-11.	2.3	24
31	Developmental fitness curves: assessing sprint acceleration relative to age and maturity status in elite junior tennis players. <i>Annals of Human Biology</i> , 2020, 47, 336-345.	0.4	6
32	Predicting the timing of the peak of the pubertal growth spurt in elite male youth soccer players: evaluation of methods. <i>Annals of Human Biology</i> , 2020, 47, 400-408.	0.4	40
33	The role of growth and maturation during adolescence on team-selection and short-term sports participation. <i>Annals of Human Biology</i> , 2020, 47, 316-323.	0.4	29
34	Experiences of delayed maturation in female vocational ballet students: An interpretative phenomenological analysis. <i>Journal of Adolescence</i> , 2020, 80, 233-241.	1.2	5
35	Scaling left ventricular mass in adolescent female soccer players. <i>BMC Pediatrics</i> , 2020, 20, 157.	0.7	4
36	Bio-Banding in Youth Sports: Background, Concept, and Application. <i>Sports Medicine</i> , 2019, 49, 1671-1685.	3.1	104

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37	Bio-banding in academy football: player's perceptions of a maturity matched tournament. <i>Annals of Human Biology</i> , 2019, 46, 400-408.	0.4	50
38	Cross-Sectional Analysis Investigating the Concordance of Maturity Status Classifications in Elite Caucasian Youth Tennis Players. <i>Sports Medicine - Open</i> , 2019, 5, 27.	1.3	22
39	Youth sport: Friend or Foe?. <i>Best Practice and Research in Clinical Rheumatology</i> , 2019, 33, 141-157.	1.4	45
40	Relative age effect: Characteristics of youth soccer players by birth quarter and subsequent playing status. <i>Journal of Sports Sciences</i> , 2019, 37, 677-684.	1.0	32
41	Correlates of intensity-specific physical activity in children aged 9-11 years: a multilevel analysis of UK data from the International Study of Childhood Obesity, Lifestyle and the Environment. <i>BMJ Open</i> , 2018, 8, e018373.	0.8	28
42	Biocultural Predictors of Motor Coordination Among Prepubertal Boys and Girls. <i>Perceptual and Motor Skills</i> , 2018, 125, 21-39.	0.6	12
43	Premier League academy soccer players' experiences of competing in a tournament bio-banded for biological maturation. <i>Journal of Sports Sciences</i> , 2018, 36, 757-765.	1.0	95
44	A game plan for growth: how football is leading the way in the consideration of biological maturation in young male athletes. <i>Annals of Human Biology</i> , 2018, 45, 373-375.	0.4	15
45	Biobanding: A New Paradigm for Youth Sports and Training. <i>Pediatrics</i> , 2018, 142, .	1.0	19
46	Biological maturation, relative age and self-regulation in male professional academy soccer players: A test of the underdog hypothesis. <i>Psychology of Sport and Exercise</i> , 2018, 39, 147-153.	1.1	76
47	Relationship Between Tactical Performance, Somatic Maturity and Functional Capabilities in Young Soccer Players. <i>Journal of Human Kinetics</i> , 2018, 64, 160-169.	0.7	14
48	Multivariate Relationships among Morphology, Fitness and Motor Coordination in Prepubertal Girls. <i>Journal of Sports Science and Medicine</i> , 2018, 17, 197-204.	0.7	6
49	Interrelationships among Jumping Power, Sprinting Power and Pubertal Status after Controlling for Size in Young Male Soccer Players. <i>Perceptual and Motor Skills</i> , 2017, 124, 329-350.	0.6	14
50	Bio-banding in Sport: Applications to Competition, Talent Identification, and Strength and Conditioning of Youth Athletes. <i>Strength and Conditioning Journal</i> , 2017, 39, 34-47.	0.7	182
51	Understanding growth and maturation in the context of ballet: a biocultural approach. <i>Research in Dance Education</i> , 2017, 18, 291-300.	0.6	7
52	Assessing the impact of adjusting for maturity in weight status classification in a cross-sectional sample of UK children. <i>BMJ Open</i> , 2017, 7, e015769.	0.8	17
53	Results From England's 2016 Report Card on Physical Activity for Children and Youth. <i>Journal of Physical Activity and Health</i> , 2016, 13, S143-S149.	1.0	24
54	Multiple lifestyle behaviours and overweight and obesity among children aged 9-11 years: results from the UK site of the International Study of Childhood Obesity, Lifestyle and the Environment. <i>BMJ Open</i> , 2016, 6, e010677.	0.8	55

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55	Repeated Dribbling Ability in Young Soccer Players: Reproducibility and Variation by the Competitive Level. <i>Journal of Human Kinetics</i> , 2016, 53, 155-166.	0.7	5
56	Growth and maturity status of elite British junior tennis players. <i>Journal of Sports Sciences</i> , 2016, 34, 1957-1964.	1.0	32
57	Biological maturity-associated variance in peak power output and momentum in academy rugby union players. <i>European Journal of Sport Science</i> , 2016, 16, 972-980.	1.4	19
58	Maturity-Associated Variation in Functional Characteristics Of Elite Youth Tennis Players. <i>Pediatric Exercise Science</i> , 2016, 28, 542-552.	0.5	36
59	Physical Activity and Movement Proficiency: The Need for a Biocultural Approach. <i>Pediatric Exercise Science</i> , 2016, 28, 233-239.	0.5	20
60	Independent and Combined Effects of Sex and Biological Maturation on Motor Coordination and Performance in Prepubertal Children. <i>Perceptual and Motor Skills</i> , 2016, 122, 610-635.	0.6	13
61	The role of puberty in the making and breaking of young ballet dancers: Perspectives of dance teachers. <i>Journal of Adolescence</i> , 2016, 47, 81-89.	1.2	17
62	Physical Activity and Inactivity Among Children and Adolescents: Assessment, Trends, and Correlates. , 2016, , 67-101.		1
63	Winning, Motivational Climate, and Young Athletes' Competitive Experiences: Some Notable Sex Differences. <i>International Journal of Sports Science and Coaching</i> , 2015, 10, 395-411.	0.7	17
64	Quality of life, school backpack weight, and nonspecific low back pain in children and adolescents. <i>Jornal De Pediatria</i> , 2015, 91, 263-269.	0.9	34
65	Biological maturation of youth athletes: assessment and implications. <i>British Journal of Sports Medicine</i> , 2015, 49, 852-859.	3.1	385
66	Quality of life, school backpack weight, and nonspecific low back pain in children and adolescents. <i>Jornal De Pediatria (Versão Em Português)</i> , 2015, 91, 263-269.	0.2	1
67	Relations of Parent- and Coach-Initiated Motivational Climates to Young Athletes' Self-Esteem, Performance Anxiety, and Autonomous Motivation: Who Is More Influential?. <i>Journal of Applied Sport Psychology</i> , 2014, 26, 395-408.	1.4	77
68	Concurrent and prospective associations among biological maturation, and physical activity at 11 and 13 years of age. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2014, 24, e20-8.	1.3	26
69	Urban-rural contrasts in fitness, physical activity, and sedentary behaviour in adolescents. <i>Health Promotion International</i> , 2014, 29, 118-129.	0.9	60
70	Maturity-Associated Variation in Physical Activity and Health-Related Quality of Life in British Adolescent Girls: Moderating Effects of Peer Acceptance. <i>International Journal of Behavioral Medicine</i> , 2014, 21, 757-766.	0.8	14
71	Results from England's 2014 Report Card on Physical Activity for Children and Youth. <i>Journal of Physical Activity and Health</i> , 2014, 11, S45-S50.	1.0	0
72	Biological maturation and physical activity in adolescent British females: The roles of physical self-concept and perceived parental support. <i>Psychology of Sport and Exercise</i> , 2013, 14, 447-454.	1.1	18

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73	A biocultural model of maturity-associated variance in adolescent physical activity. <i>International Review of Sport and Exercise Psychology</i> , 2012, 5, 23-43.	3.1	51
74	Physical Activity, Physical Self-Concept, and Health-Related Quality of Life of Extreme Early and Late Maturing Adolescent Girls. <i>Journal of Early Adolescence</i> , 2012, 32, 269-292.	1.1	19
75	Cardiorespiratory fitness, weight status and objectively measured sedentary behaviour and physical activity in rural and urban Portuguese adolescents. <i>Journal of Child Health Care</i> , 2012, 16, 166-177.	0.7	20
76	Body Size, Coping Strategies, and Mental Health in Adolescent Female Athletes. <i>International Journal of Sports Science and Coaching</i> , 2012, 7, 515-526.	0.7	4
77	Maturity Associated Variance in Physical Activity and Health-Related Quality of Life in Adolescent Females: A Mediated Effects Model. <i>Journal of Physical Activity and Health</i> , 2012, 9, 86-95.	1.0	47
78	Physical Activity and Energy Expenditure in Adolescent Male Sport Participants and Nonparticipants Aged 13 to 16 Years. <i>Journal of Physical Activity and Health</i> , 2012, 9, 626-633.	1.0	41
79	Physical Activity and Physical Self-Concept in Adolescence: A Comparison of Girls at the Extremes of the Biological Maturation Continuum. <i>Journal of Research on Adolescence</i> , 2012, 22, 746-757.	1.9	14
80	Longitudinal study of repeated sprint performance in youth soccer players of contrasting skeletal maturity status. <i>Journal of Sports Science and Medicine</i> , 2012, 11, 371-9.	0.7	16
81	Correlates of aerobic fitness in urban and rural Portuguese adolescents. <i>Annals of Human Biology</i> , 2011, 38, 479-484.	0.4	15
82	The mediating role of physical self-concept on relations between biological maturity status and physical activity in adolescent females. <i>Journal of Adolescence</i> , 2011, 34, 465-473.	1.2	54
83	Enhancing Coach-Parent Relationships in Youth Sports: Increasing Harmony and Minimizing Hassle. <i>International Journal of Sports Science and Coaching</i> , 2011, 6, 13-26.	0.7	98
84	Biological maturity and primary school children's physical activity: Influence of different physical activity assessment instruments. <i>European Journal of Sport Science</i> , 2011, 11, 241-248.	1.4	9
85	Biological maturation as a confounding factor in the relation between chronological age and health-related quality of life in adolescent females. <i>Quality of Life Research</i> , 2011, 20, 237-242.	1.5	13
86	Correlates of physical activity and inactivity in urban Mexican youth. <i>American Journal of Human Biology</i> , 2011, 23, 686-692.	0.8	14
87	Trait Anxiety in Young Athletes as a Function of Parental Pressure and Motivational Climate: Is Parental Pressure Always Harmful?. <i>Journal of Applied Sport Psychology</i> , 2011, 23, 398-412.	1.4	60
88	Agreement in activity energy expenditure assessed by accelerometer and self-report in adolescents: Variation by sex, age, and weight status. <i>Journal of Sports Sciences</i> , 2011, 29, 1503-1514.	1.0	20
89	Confounding Effect of Biologic Maturation on Sex Differences in Physical Activity and Sedentary Behavior in Adolescents. <i>Pediatric Exercise Science</i> , 2010, 22, 442-453.	0.5	52
90	Adolescent Biological Maturity and Physical Activity: Biology Meets Behavior. <i>Pediatric Exercise Science</i> , 2010, 22, 332-349.	0.5	131

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91	Size and Maturity Mismatch in Youth Soccer Players 11- to 14-Years-Old. <i>Pediatric Exercise Science</i> , 2010, 22, 596-612.	0.5	51
92	The effect of achievement goals on moral attitudes in young athletes. <i>Journal of Sports Science and Medicine</i> , 2010, 9, 605-11.	0.7	8
93	Behavioral signatures at the ballpark: Intraindividual consistency of adults' situation-specific behavior patterns and their interpersonal consequences. <i>Journal of Research in Personality</i> , 2009, 43, 187-195.	0.9	64
94	Motivational climate and changes in young athletes' achievement goal orientations. <i>Motivation and Emotion</i> , 2009, 33, 173-183.	0.8	72
95	Biological maturity status, body size, and exercise behaviour in British youth: A pilot study. <i>Journal of Sports Sciences</i> , 2009, 27, 677-686.	1.0	27
96	Development and Validation of the Motivational Climate Scale for Youth Sports. <i>Journal of Applied Sport Psychology</i> , 2008, 20, 116-136.	1.4	112
97	Sex Differences in Exercise Behavior During Adolescence: Is Biological Maturation a Confounding Factor?. <i>Journal of Adolescent Health</i> , 2008, 42, 480-485.	1.2	78
98	Development and validation of the Achievement Goal Scale for Youth Sports. <i>Psychology of Sport and Exercise</i> , 2008, 9, 686-703.	1.1	56
99	Is Winning Everything? The Relative Contributions of Motivational Climate and Won-Lost Percentage in Youth Sports. <i>Journal of Applied Sport Psychology</i> , 2007, 19, 322-336.	1.4	120
100	Effects of a Motivational Climate Intervention for Coaches on Changes in Young Athletes' Achievement Goal Orientations. <i>Journal of Clinical Sport Psychology</i> , 2007, 1, 23-46.	0.6	76
101	Effects of a Motivational Climate Intervention for Coaches on Young Athletes' Sport Performance Anxiety. <i>Journal of Sport and Exercise Psychology</i> , 2007, 29, 39-59.	0.7	274
102	Social desirability and relations between goal orientations and competitive trait anxiety in young athletes. <i>Psychology of Sport and Exercise</i> , 2007, 8, 491-505.	1.1	25
103	Characteristics of youth soccer players aged 13-15 years classified by skill level * COMMENTARY 1 * COMMENTARY 2. <i>British Journal of Sports Medicine</i> , 2007, 41, 290-295.	3.1	152
104	Overweight and Obesity among Youth Participants in American Football. <i>Journal of Pediatrics</i> , 2007, 151, 378-382.	0.9	44
105	Measurement of Multidimensional Sport Performance Anxiety in Children and Adults: The Sport Anxiety Scale-2. <i>Journal of Sport and Exercise Psychology</i> , 2006, 28, 479-501.	0.7	224
106	Incidence and Player Risk Factors for Injury in Youth Football. <i>Clinical Journal of Sport Medicine</i> , 2006, 16, 214-222.	0.9	70
107	Estimated maturity status and perceptions of adult autonomy support in youth soccer players. <i>Journal of Sports Sciences</i> , 2006, 24, 1039-1046.	1.0	22
108	Growth Status and Estimated Growth Rate of Youth Football Players. <i>Clinical Journal of Sport Medicine</i> , 2005, 15, 125-132.	0.9	20

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109	Body size and perceptions of coaching behaviors by adolescent female athletes. <i>Psychology of Sport and Exercise</i> , 2005, 6, 693-705.	1.1	31
110	Maturity-associated variation in sport-specific skills of youth soccer players aged 13-15 years. <i>Journal of Sports Sciences</i> , 2005, 23, 515-522.	1.0	177
111	Maturity status of youth football players: a noninvasive estimate. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 1044-52.	0.2	61
112	Maturity-associated variation in the growth and functional capacities of youth football (soccer) players 13-15½ years. <i>European Journal of Applied Physiology</i> , 2004, 91, 555-562.	1.2	371
113	On-Time Maturation in Female Adolescent Ballet Dancers: Learning From Lived Experiences. <i>Journal of Early Adolescence</i> , 0, , 027243162110367.	1.1	1
114	Revisiting youth player development in Australian Rules Football: Is there a place for bio-banding?. <i>International Journal of Sports Science and Coaching</i> , 0, , 174795412110426.	0.7	1