

# David R Bell

## List of Publications by Year in descending order

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106  
papers

5,216  
citations

109264

35  
h-index

91828

69  
g-index

115  
all docs

115  
docs citations

115  
times ranked

4960  
citing authors

#	ARTICLE	IF	CITATIONS
1	CYP2E1 and CYP4A as microsomal catalysts of lipid peroxides in murine nonalcoholic steatohepatitis. <i>Journal of Clinical Investigation</i> , 2000, 105, 1067-1075.	3.9	654
2	Systematic Review of the Balance Error Scoring System. <i>Sports Health</i> , 2011, 3, 287-295.	1.3	401
3	Synthesis and Biological Properties of Benzothiazole, Benzoxazole, and Chromen-4-one Analogues of the Potent Antitumor Agent 2-(3,4-Dimethoxyphenyl)-5-fluorobenzothiazole (PMX 610, NSC 721648). <i>Journal of Medicinal Chemistry</i> , 2008, 51, 5135-5139.	2.9	296
4	The Association of Sport Specialization and Training Volume With Injury History in Youth Athletes. <i>American Journal of Sports Medicine</i> , 2017, 45, 1405-1412.	1.9	194
5	Concussion Increases Odds of Sustaining a Lower Extremity Musculoskeletal Injury After Return to Play Among Collegiate Athletes. <i>American Journal of Sports Medicine</i> , 2016, 44, 742-747.	1.9	174
6	Binding of Aryl Hydrocarbon Receptor (AhR) to AhR-interacting Protein. <i>Journal of Biological Chemistry</i> , 2000, 275, 36407-36414.	1.6	154
7	Prevalence of Sport Specialization in High School Athletics. <i>American Journal of Sports Medicine</i> , 2016, 44, 1469-1474.	1.9	154
8	Mental Health, Physical Activity, and Quality of Life of US Adolescent Athletes During COVID-19-Related School Closures and Sport Cancellations: A Study of 13,000 Athletes. <i>Journal of Athletic Training</i> , 2021, 56, 11-19.	0.9	152
9	Sport Specialization and Risk of Overuse Injuries: A Systematic Review With Meta-analysis. <i>Pediatrics</i> , 2018, 142, .	1.0	142
10	Muscle Strength and Flexibility Characteristics of People Displaying Excessive Medial Knee Displacement. <i>Archives of Physical Medicine and Rehabilitation</i> , 2008, 89, 1323-1328.	0.5	135
11	Lean Mass Asymmetry Influences Force and Power Asymmetry During Jumping in Collegiate Athletes. <i>Journal of Strength and Conditioning Research</i> , 2014, 28, 884-891.	1.0	133
12	A Prospective Study on the Effect of Sport Specialization on Lower Extremity Injury Rates in High School Athletes. <i>American Journal of Sports Medicine</i> , 2017, 45, 2706-2712.	1.9	129
13	Comparison of hamstring neuromechanical properties between healthy males and females and the influence of musculotendinous stiffness. <i>Journal of Electromyography and Kinesiology</i> , 2009, 19, e362-e369.	0.7	105
14	Association of Competition Volume, Club Sports, and Sport Specialization With Sex and Lower Extremity Injury History in High School Athletes. <i>Sports Health</i> , 2017, 9, 518-523.	1.3	97
15	Identification of a Novel Mammary-Restricted Cytochrome P450, CYP4Z1, with Overexpression in Breast Carcinoma. <i>Cancer Research</i> , 2004, 64, 2357-2364.	0.4	91
16	Sex comparison of hamstring structural and material properties. <i>Clinical Biomechanics</i> , 2009, 24, 65-70.	0.5	91
17	Objectively Measured Physical Activity in Patients After Anterior Cruciate Ligament Reconstruction. <i>American Journal of Sports Medicine</i> , 2017, 45, 1893-1900.	1.9	87
18	A novel murine P-450 gene, Cyp4a14, is part of a cluster of Cyp4a and Cyp4b, but not of CYP4F, genes in mouse and humans. <i>Biochemical Journal</i> , 1997, 325, 741-749.	1.7	77

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19	Trunk and Hip Biomechanics Influence Anterior Cruciate Loading Mechanisms in Physically Active Participants. <i>American Journal of Sports Medicine</i> , 2013, 41, 2676-2683.	1.9	77
20	Chromosomal Localisation, Inducibility, Tissue-Specific Expression and Strain Differences in Three Murine Peroxisome-Proliferator-Activated-Receptor Genes. <i>FEBS Journal</i> , 1995, 233, 219-226.	0.2	69
21	Molecular basis of non-responsiveness to peroxisome proliferators: the guinea-pig PPAR $\alpha$ is functional and mediates peroxisome proliferator-induced hypolipidaemia. <i>Biochemical Journal</i> , 1998, 332, 689-693.	1.7	67
22	Neuromuscular Characteristics of Individuals Displaying Excessive Medial Knee Displacement. <i>Journal of Athletic Training</i> , 2012, 47, 525-536.	0.9	66
23	Estrogen and muscle stiffness have a negative relationship in females. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012, 20, 361-367.	2.3	63
24	High School Sport Specialization Patterns of Current Division I Athletes. <i>Sports Health</i> , 2017, 9, 148-153.	1.3	59
25	Induction of cytochrome p450 and peroxisomal enzymes by clofibric acid in vivo and in VITRO. <i>Biochemical Pharmacology</i> , 1993, 45, 2045-2053.	2.0	49
26	Relevance of the aryl hydrocarbon receptor (AhR) for clinical toxicology. <i>Clinical Toxicology</i> , 2009, 47, 632-642.	0.8	49
27	Sport-Specific Associations of Specialization and Sex With Overuse Injury in Youth Athletes. <i>Sports Health</i> , 2020, 12, 36-42.	1.3	49
28	Species differences in peroxisome proliferation; mechanisms and relevance. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2000, 448, 201-212.	0.4	46
29	Conditional regulation of the human CYP4X1 and CYP4Z1 genes. <i>Archives of Biochemistry and Biophysics</i> , 2005, 436, 377-385.	1.4	44
30	Toxicity of 2,3,7,8-Tetrachlorodibenzo-p-dioxin in the Developing Male Wistar(Han) Rat. II: Chronic Dosing Causes Developmental Delay. <i>Toxicological Sciences</i> , 2007, 99, 224-233.	1.4	44
31	Changes in the Health of Adolescent Athletes: A Comparison of Health Measures Collected Before and During the COVID-19 Pandemic. <i>Journal of Athletic Training</i> , 2021, 56, 836-844.	0.9	44
32	Toxicity of 2,3,7,8-Tetrachlorodibenzo-p-dioxin in the Developing Male Wistar(Han) Rat. I: No Decrease in Epididymal Sperm Count after a Single Acute Dose. <i>Toxicological Sciences</i> , 2007, 99, 214-223.	1.4	42
33	The Effect of Menstrual-Cycle Phase on Hamstring Extensibility and Muscle Stiffness. <i>Journal of Sport Rehabilitation</i> , 2009, 18, 553-563.	0.4	41
34	Two- and 3-Dimensional Knee Valgus Are Reduced After an Exercise Intervention in Young Adults With Demonstrable Valgus During Squatting. <i>Journal of Athletic Training</i> , 2013, 48, 442-449.	0.9	41
35	Knowledge, Attitudes, and Beliefs of Youth Club Athletes Toward Sport Specialization and Sport Participation. <i>Orthopaedic Journal of Sports Medicine</i> , 2018, 6, 232596711876983.	0.8	41
36	Consensus Definition of Sport Specialization in Youth Athletes Using a Delphi Approach. <i>Journal of Athletic Training</i> , 2021, 56, 1239-1251.	0.9	40

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37	Socioeconomic status of parents with children participating on youth club sport teams. <i>Physical Therapy in Sport</i> , 2018, 32, 126-132.	0.8	39
38	Peroxisome Proliferators: Species Differences in Response of Primary Hepatocyte Cultures. <i>Annals of the New York Academy of Sciences</i> , 1996, 804, 628-635.	1.8	38
39	Characterisation of chlorinated, brominated and mixed halogenated dioxins, furans and biphenyls as potent and as partial agonists of the Aryl hydrocarbon receptor. <i>Environment International</i> , 2015, 76, 49-56.	4.8	35
40	Landing mechanics during single hop for distance in females following anterior cruciate ligament reconstruction compared to healthy controls. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 1395-1402.	2.3	32
41	Differential tissue-specific expression and induction of cytochrome P450IVA1 and acyl-CoA oxidase. <i>FEBS Journal</i> , 1992, 206, 979-986.	0.2	30
42	2,3,7,8-tetrachloro-dibenzo-p-dioxin is a potent toxin and induces cytochrome P450 in the crayfish, <i>Pacifastacus leniusculus</i> . <i>Aquatic Toxicology</i> , 1996, 35, 157-169.	1.9	30
43	Cytochrome P450 Cyp4x1 is a major P450 protein in mouse brain. <i>FEBS Journal</i> , 2006, 273, 936-947.	2.2	30
44	Interpretation of studies on the developmental reproductive toxicology of 2,3,7,8-tetrachlorodibenzo-p-dioxin in male offspring. <i>Food and Chemical Toxicology</i> , 2010, 48, 1439-1447.	1.8	30
45	Sex differences in physical activity engagement after ACL reconstruction. <i>Physical Therapy in Sport</i> , 2019, 35, 12-17.	0.8	30
46	Relationships between Tissue Levels of 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD), mRNAs, and Toxicity in the Developing Male Wistar(Han) Rat. <i>Toxicological Sciences</i> , 2007, 99, 591-604.	1.4	29
47	2-(4-Amino-3-methylphenyl)-5-fluorobenzothiazole is a ligand and shows species-specific partial agonism of the aryl hydrocarbon receptor. <i>Toxicology and Applied Pharmacology</i> , 2009, 237, 102-110.	1.3	29
48	The Effects of Specialization and Sex on Anterior Y-Balance Performance in High School Athletes. <i>Sports Health</i> , 2017, 9, 375-382.	1.3	29
49	The Effects of Oral Contraceptive Use on Muscle Stiffness Across the Menstrual Cycle. <i>Clinical Journal of Sport Medicine</i> , 2011, 21, 467-473.	0.9	27
50	The Public Health Consequences of Sport Specialization. <i>Journal of Athletic Training</i> , 2019, 54, 1013-1020.	0.9	27
51	Lower Extremity Biomechanics Are Altered Across Maturation in Sport-Specialized Female Adolescent Athletes. <i>Frontiers in Pediatrics</i> , 2019, 7, 268.	0.9	25
52	Parents' Awareness and Perceptions of Sport Specialization and Injury Prevention Recommendations. <i>Clinical Journal of Sport Medicine</i> , 2020, 30, 539-543.	0.9	24
53	Jump-Landing Biomechanics and Knee-Laxity Change Across the Menstrual Cycle in Women With Anterior Cruciate Ligament Reconstruction. <i>Journal of Athletic Training</i> , 2014, 49, 154-162.	0.9	23
54	Sport Specialization Characteristics Between Rural and Suburban High School Athletes. <i>Orthopaedic Journal of Sports Medicine</i> , 2018, 6, 232596711775138.	0.8	23

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55	Sex Differences During an Overhead Squat Assessment. <i>Journal of Applied Biomechanics</i> , 2015, 31, 244-249.	0.3	22
56	Hip Strength in Patients with Quadriceps Strength Deficits after ACL Reconstruction. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 1886-1892.	0.2	22
57	Muscle Activity and Flexibility in Individuals With Medial Knee Displacement During the Overhead Squat. <i>Athletic Training &amp; Sports Health Care</i> , 2012, 4, 117-125.	0.4	22
58	Squatting Mechanics in People With and Without Anterior Cruciate Ligament Reconstruction. <i>American Journal of Sports Medicine</i> , 2014, 42, 2979-2987.	1.9	21
59	Mixed halogenated dioxins/furans (PXDD/Fs) and biphenyls (PXBs) in food: Occurrence and toxic equivalent exposure using specific relative potencies. <i>Environment International</i> , 2014, 73, 104-110.	4.8	20
60	Range of Motion, Postural Alignment, and LESS Score Differences of Those With and Without Excessive Medial Knee Displacement. <i>Clinical Journal of Sport Medicine</i> , 2015, 25, 61-66.	0.9	20
61	Knowledge, Attitudes, and Beliefs of Youth Sports Coaches Regarding Sport Volume Recommendations and Sport Specialization. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 2911-2919.	1.0	19
62	Peroxisome proliferator activated receptor $\beta$ regulates a male-specific cytochrome P450 in mouse liver. <i>Archives of Biochemistry and Biophysics</i> , 2004, 429, 231-236.	1.4	16
63	Sex Hormone Influence on Hepatitis in Young Male A/JCr Mice Infected with <i>Helicobacter hepaticus</i> . <i>Infection and Immunity</i> , 2008, 76, 4071-4078.	1.0	16
64	Sport Specialization Is Associated With Injury History in Youth Soccer Athletes. <i>Athletic Training &amp; Sports Health Care</i> , 2018, 10, 241-246.	0.4	16
65	Recombinant expression of aryl hydrocarbon receptor for quantitative ligand-binding analysis. <i>Analytical Biochemistry</i> , 2009, 384, 279-287.	1.1	15
66	Negative Effects on Postural Control After Anterior Cruciate Ligament Reconstruction as Measured by the Balance Error Scoring System. <i>Journal of Sport Rehabilitation</i> , 2013, 22, 224-228.	0.4	14
67	A Comparison of Psychological Readiness and Patient-Reported Function Between Sexes After Anterior Cruciate Ligament Reconstruction. <i>Journal of Athletic Training</i> , 2021, 56, 164-169.	0.9	14
68	Fused mesoionic heterocyclic compounds are a new class of aryl hydrocarbon receptor (AhR) agonist of exceptional potency. <i>Toxicology</i> , 2012, 302, 140-145.	2.0	13
69	A Comparison of Emergency Preparedness Between High School Coaches and Club Sport Coaches. <i>Journal of Athletic Training</i> , 2019, 54, 1074-1082.	0.9	13
70	Novel 2-amino-isoflavones exhibit aryl hydrocarbon receptor agonist or antagonist activity in a species/cell-specific context. <i>Toxicology</i> , 2012, 297, 26-33.	2.0	12
71	Sex Differences on the Landing Error Scoring System Among Individuals With Anterior Cruciate Ligament Reconstruction. <i>Journal of Athletic Training</i> , 2018, 53, 837-843.	0.9	12
72	Evaluation of adolescent sport specialization and injury mechanism by sex: A secondary analysis. <i>Journal of Science and Medicine in Sport</i> , 2020, 23, 721-725.	0.6	12

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73	Impact of in-season injury on quality of life and sleep duration in female youth volleyball athletes: a prospective study of 2073 players. <i>British Journal of Sports Medicine</i> , 2021, 55, 912-916.	3.1	11
74	Molecular analysis of peroxisome proliferation in the hamster. <i>Toxicology and Applied Pharmacology</i> , 2004, 197, 9-18.	1.3	10
75	Species-Specific Kinetics and Zonation of Hepatic DNA Synthesis Induced by Ligands of PPAR $\alpha$ . <i>Toxicological Sciences</i> , 2008, 104, 74-85.	1.4	10
76	Sport Specialization and Participation Characteristics of Female High School Volleyball Athletes. <i>Athletic Training &amp; Sports Health Care</i> , 2018, 10, 247-252.	0.4	10
77	Assessment of Free-Living Cadence Using ActiGraph Accelerometers Between Individuals With and Without Anterior Cruciate Ligament Reconstruction. <i>Journal of Athletic Training</i> , 2020, 55, 994-1000.	0.9	10
78	A gas chromatography-mass spectrometry method for the measurement of fatty acid $\alpha$ - and $\omega$ -1 hydroxylation kinetics by CYP4A1 using an artificial membrane system. <i>Analytical Biochemistry</i> , 2004, 325, 354-363.	1.1	9
79	Exploring Coaches' Perceptions of Youth Sport Specialization: A Comparison of High School and Club Sport Contexts. <i>Journal of Athletic Training</i> , 2019, 54, 1055-1060.	0.9	9
80	Different Perceptions of Parents and Children on Factors Influencing Sport Specialization. <i>Journal of Sport Rehabilitation</i> , 2021, 30, 190-197.	0.4	9
81	Regulation of differentially spliced transcripts of acyl-CoA oxidase in the rat. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1991, 1090, 211-215.	2.4	8
82	A Truncation in the Aryl Hydrocarbon Receptor of the CRL:WI(Han) Rat Does Not Affect the Developmental Toxicity of TCDD. <i>Toxicological Sciences</i> , 2009, 107, 512-521.	1.4	8
83	The Effect of Exertion and Sex on Vertical Ground Reaction Force Variables and Landing Mechanics. <i>Journal of Strength and Conditioning Research</i> , 2016, 30, 1661-1669.	1.0	8
84	Musculoskeletal Injuries and Their Association With Previous Concussion History: A Prospective Study of High School Volleyball and Soccer Players. <i>American Journal of Sports Medicine</i> , 2021, 49, 1634-1641.	1.9	7
85	Association of lower extremity injuries and injury mechanism with previous concussion history in adolescent athletes. <i>Physical Therapy in Sport</i> , 2021, 48, 76-82.	0.8	7
86	Structure and expression of genes coding for components of the cytochrome <i>P</i> -450-mediated mono-oxygenase. <i>Biochemical Society Transactions</i> , 1987, 15, 573-575.	1.6	6
87	Sport Participation and Specialization Characteristics Among Pediatric Soccer Athletes. <i>Orthopaedic Journal of Sports Medicine</i> , 2019, 7, 232596711983239.	0.8	6
88	Sport specialization and sport participation opportunities and their association with injury history in female high school volleyball athletes. <i>Physical Therapy in Sport</i> , 2020, 45, 86-92.	0.8	6
89	Epidemiology of Overuse Injuries in US Secondary School Athletics From 2014-2015 to 2018-2019 Using the National Athletic Treatment, Injury and Outcomes Network Surveillance Program. <i>Journal of Athletic Training</i> , 2022, 57, 510-516.	0.9	6
90	Relationship between aryl hydrocarbon receptor-affinity and the induction of EROD activity by 2,3,7,8-tetrachlorinated phenothiazine and derivatives. <i>Toxicology and Applied Pharmacology</i> , 2007, 224, 147-155.	1.3	5

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91	Moving a Field Forward: What Are the “Big” Research Questions in Sport Specialization?. <i>Journal of Athletic Training</i> , 2019, 54, 1009-1010.	0.9	5
92	The Influence of Sport Specialization on Landing Error Scoring System Scores in High School Athletes. <i>Athletic Training &amp; Sports Health Care</i> , 2018, 10, 253-259.	0.4	5
93	Training Load and Injury Among Middle School “Aged” Athletes. <i>Journal of Athletic Training</i> , 2020, 55, 954-959.	0.9	5
94	Generation and phenotypic characterisation of a cytochrome P450 4x1 knockout mouse. <i>PLoS ONE</i> , 2017, 12, e0187959.	1.1	4
95	The Association of Sport Specialization, Overuse Injury, and Travel With Daytime Sleepiness in Youth Athletes. <i>Athletic Training &amp; Sports Health Care</i> , 2020, 12, 59-66.	0.4	4
96	Awareness of Concussion-Education Requirements, and -Management Plans and Concussion Knowledge in High School and Club Sport Coaches. <i>Journal of Athletic Training</i> , 2020, 55, 1054-1061.	0.9	4
97	Tissue-specific expression of cytochrome P-450 genes. <i>Biochemical Society Transactions</i> , 1987, 15, 626-627.	1.6	3
98	The Reliability and Discriminative Ability of the Overhead Squat Test for Observational Screening of Medial Knee Displacement. <i>Journal of Sport Rehabilitation</i> , 2017, 26, .	0.4	3
99	The Role of Athlete Competitiveness in High School Sport Specialization in the United States. <i>Orthopaedic Journal of Sports Medicine</i> , 2022, 10, 232596712210796.	0.8	3
100	Expression of the <i>C. elegans</i> aryl hydrocarbon receptor ligand-binding domain. <i>Toxicology</i> , 2008, 253, 25.	2.0	2
101	A Comparison of Team Sport Volume Surveyed Between High School and Club Sport Coaches. <i>Orthopaedic Journal of Sports Medicine</i> , 2019, 7, 232596711983648.	0.8	2
102	Genes involved in the induction of liver growth by peroxisome proliferators. <i>Toxicology Research</i> , 2014, 3, 315-323.	0.9	1
103	Youth Sport Injuries and Sport Specialization. <i>Athletic Training &amp; Sports Health Care</i> , 2018, 10, 239-240.	0.4	1
104	Sport Specialization and Risk of Overuse Injuries: A Systematic Review with Meta-Analysis. , 2021, , 215-222.		1
105	Binding of [3H]-TCDD to recombinant rat and human AhRs. <i>Toxicology</i> , 2007, 240, 168-169.	2.0	0
106	Comparing High School Sport Specialization Trends Between Division I and Club Collegiate Athletes. <i>Sports Health</i> , 2021, , 194173812110602.	1.3	0