

# David R Bell

## 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.

105  
papers

3,954  
citations

32  
h-index

61  
g-index

115  
ext. papers

4,506  
ext. citations

4.2  
avg, IF

5.43  
L-index

#	Paper	IF	Citations
105	CYP2E1 and CYP4A as microsomal catalysts of lipid peroxides in murine nonalcoholic steatohepatitis. <i>Journal of Clinical Investigation</i> , <b>2000</b> , 105, 1067-75	15.9	551
104	Systematic review of the balance error scoring system. <i>Sports Health</i> , <b>2011</b> , 3, 287-95	4.7	287
103	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> , <b>2008</b> , 51, 5135-9	8.3	259
102	The Association of Sport Specialization and Training Volume With Injury History in Youth Athletes. <i>American Journal of Sports Medicine</i> , <b>2017</b> , 45, 1405-1412	6.8	147
101	Concussion Increases Odds of Sustaining a Lower Extremity Musculoskeletal Injury After Return to Play Among Collegiate Athletes. <i>American Journal of Sports Medicine</i> , <b>2016</b> , 44, 742-7	6.8	133
100	Binding of aryl hydrocarbon receptor (AhR) to AhR-interacting protein. The role of hsp90. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 36407-14	5.4	125
99	Prevalence of Sport Specialization in High School Athletics: A 1-Year Observational Study. <i>American Journal of Sports Medicine</i> , <b>2016</b> , 44, 1469-74	6.8	115
98	Muscle strength and flexibility characteristics of people displaying excessive medial knee displacement. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2008</b> , 89, 1323-8	2.8	105
97	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> , <b>2017</b> , 45, 2706-2712	6.8	100
96	Lean mass asymmetry influences force and power asymmetry during jumping in collegiate athletes. <i>Journal of Strength and Conditioning Research</i> , <b>2014</b> , 28, 884-91	3.2	94
95	Sport Specialization and Risk of Overuse Injuries: A Systematic Review With Meta-analysis. <i>Pediatrics</i> , <b>2018</b> , 142,	7.4	92
94	Comparison of hamstring neuromechanical properties between healthy males and females and the influence of musculotendinous stiffness. <i>Journal of Electromyography and Kinesiology</i> , <b>2009</b> , 19, e362-9	2.5	85
93	Identification of a novel mammary-restricted cytochrome P450, CYP4Z1, with overexpression in breast carcinoma. <i>Cancer Research</i> , <b>2004</b> , 64, 2357-64	10.1	84
92	Sex comparison of hamstring structural and material properties. <i>Clinical Biomechanics</i> , <b>2009</b> , 24, 65-70	2.2	79
91	Association of Competition Volume, Club Sports, and Sport Specialization With Sex and Lower Extremity Injury History in High School Athletes. <i>Sports Health</i> , <b>2017</b> , 9, 518-523	4.7	77
90	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> , <b>1997</b> , 325 ( Pt 3), 741-9	3.8	72
89	Trunk and hip biomechanics influence anterior cruciate loading mechanisms in physically active participants. <i>American Journal of Sports Medicine</i> , <b>2013</b> , 41, 2676-83	6.8	63

88	Chromosomal localisation, inducibility, tissue-specific expression and strain differences in three murine peroxisome-proliferator-activated-receptor genes. <i>FEBS Journal</i> , <b>1995</b> , 233, 219-26		62
87	Molecular basis of non-responsiveness to peroxisome proliferators: the guinea-pig PPARAlpha is functional and mediates peroxisome proliferator-induced hypolipidaemia. <i>Biochemical Journal</i> , <b>1998</b> , 332 ( Pt 3), 689-93	3.8	59
86	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> , <b>2021</b> , 56, 11-19	4	59
85	Neuromuscular characteristics of individuals displaying excessive medial knee displacement. <i>Journal of Athletic Training</i> , <b>2012</b> , 47, 525-36	4	51
84	High School Sport Specialization Patterns of Current Division I Athletes. <i>Sports Health</i> , <b>2017</b> , 9, 148-153	4.7	47
83	Objectively Measured Physical Activity in Patients After Anterior Cruciate Ligament Reconstruction. <i>American Journal of Sports Medicine</i> , <b>2017</b> , 45, 1893-1900	6.8	45
82	Estrogen and muscle stiffness have a negative relationship in females. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2012</b> , 20, 361-7	5.5	44
81	Induction of cytochrome P450 and peroxisomal enzymes by clofibric acid in vivo and in vitro. <i>Biochemical Pharmacology</i> , <b>1993</b> , 45, 2045-53	6	43
80	Species differences in peroxisome proliferation; mechanisms and relevance. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2000</b> , 448, 201-12	3.3	41
79	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> , <b>2007</b> , 99, 224-33	4.4	40
78	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> , <b>2007</b> , 99, 214-23	4.4	40
77	Relevance of the aryl hydrocarbon receptor (AhR) for clinical toxicology. <i>Clinical Toxicology</i> , <b>2009</b> , 47, 632-42	2.9	38
76	Conditional regulation of the human CYP4X1 and CYP4Z1 genes. <i>Archives of Biochemistry and Biophysics</i> , <b>2005</b> , 436, 377-85	4.1	38
75	The effect of menstrual-cycle phase on hamstring extensibility and muscle stiffness. <i>Journal of Sport Rehabilitation</i> , <b>2009</b> , 18, 553-63	1.7	34
74	Peroxisome proliferators: species differences in response of primary hepatocyte cultures. <i>Annals of the New York Academy of Sciences</i> , <b>1996</b> , 804, 628-35	6.5	34
73	Knowledge, Attitudes, and Beliefs of Youth Club Athletes Toward Sport Specialization and Sport Participation. <i>Orthopaedic Journal of Sports Medicine</i> , <b>2018</b> , 6, 2325967118769836	3.5	32
72	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> , <b>2013</b> , 48, 442-9	4	30
71	Cytochrome P450 Cyp4x1 is a major P450 protein in mouse brain. <i>FEBS Journal</i> , <b>2006</b> , 273, 936-47	5.7	30

70	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> , <b>2015</b> , 76, 49-56	12.9	29
69	Sport-Specific Associations of Specialization and Sex With Overuse Injury in Youth Athletes. <i>Sports Health</i> , <b>2020</b> , 12, 36-42	4.7	29
68	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> , <b>1996</b> , 35, 157-169	5.1	28
67	Differential tissue-specific expression and induction of cytochrome P450IVA1 and acyl-CoA oxidase. <i>FEBS Journal</i> , <b>1992</b> , 206, 979-86		28
66	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> , <b>2007</b> , 99, 591-604	4.4	26
65	Socioeconomic status of parents with children participating on youth club sport teams. <i>Physical Therapy in Sport</i> , <b>2018</b> , 32, 126-132	3	26
64	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> , <b>2010</b> , 48, 1439-47	4.7	25
63	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> , <b>2009</b> , 237, 102-10	4.6	25
62	The effects of oral contraceptive use on muscle stiffness across the menstrual cycle. <i>Clinical Journal of Sport Medicine</i> , <b>2011</b> , 21, 467-73	3.2	25
61	The Effects of Specialization and Sex on Anterior Y-Balance Performance in High School Athletes. <i>Sports Health</i> , <b>2017</b> , 9, 375-382	4.7	23
60	Jump-landing biomechanics and knee-laxity change across the menstrual cycle in women with anterior cruciate ligament reconstruction. <i>Journal of Athletic Training</i> , <b>2014</b> , 49, 154-62	4	20
59	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> , <b>2015</b> , 25, 61-6	3.2	18
58	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> , <b>2017</b> , 25, 1395-1402	5.5	17
57	Mixed halogenated dioxins/furans (PXDD/Fs) and biphenyls (PXBs) in food: occurrence and toxic equivalent exposure using specific relative potencies. <i>Environment International</i> , <b>2014</b> , 73, 104-10	12.9	17
56	Hip Strength in Patients with Quadriceps Strength Deficits after ACL Reconstruction. <i>Medicine and Science in Sports and Exercise</i> , <b>2016</b> , 48, 1886-92	1.2	17
55	Sport Specialization Characteristics Between Rural and Suburban High School Athletes. <i>Orthopaedic Journal of Sports Medicine</i> , <b>2018</b> , 6, 2325967117751386	3.5	16
54	Lower Extremity Biomechanics Are Altered Across Maturation in Sport-Specialized Female Adolescent Athletes. <i>Frontiers in Pediatrics</i> , <b>2019</b> , 7, 268	3.4	16
53	Sex hormone influence on hepatitis in young male A/JCr mice infected with <i>Helicobacter hepaticus</i> . <i>Infection and Immunity</i> , <b>2008</b> , 76, 4071-8	3.7	16

52	Squatting mechanics in people with and without anterior cruciate ligament reconstruction: the influence of graft type. <i>American Journal of Sports Medicine</i> , <b>2014</b> , 42, 2979-87	6.8	15
51	The Public Health Consequences of Sport Specialization. <i>Journal of Athletic Training</i> , <b>2019</b> , 54, 1013-1020		14
50	Recombinant expression of aryl hydrocarbon receptor for quantitative ligand-binding analysis. <i>Analytical Biochemistry</i> , <b>2009</b> , 384, 279-87	3.1	14
49	Peroxisome proliferator activated receptor alpha regulates a male-specific cytochrome P450 in mouse liver. <i>Archives of Biochemistry and Biophysics</i> , <b>2004</b> , 429, 231-6	4.1	14
48	Muscle Activity and Flexibility in Individuals With Medial Knee Displacement During the Overhead Squat. <i>Athletic Training &amp; Sports Health Care</i> , <b>2012</b> , 4, 117-125	0.6	14
47	Parents' Awareness and Perceptions of Sport Specialization and Injury Prevention Recommendations. <i>Clinical Journal of Sport Medicine</i> , <b>2020</b> , 30, 539-543	3.2	13
46	Sex Differences During an Overhead Squat Assessment. <i>Journal of Applied Biomechanics</i> , <b>2015</b> , 31, 244-9	1.2	12
45	Sport Specialization Is Associated With Injury History in Youth Soccer Athletes. <i>Athletic Training &amp; Sports Health Care</i> , <b>2018</b> , 10, 241-246	0.6	11
44	Sex differences in physical activity engagement after ACL reconstruction. <i>Physical Therapy in Sport</i> , <b>2019</b> , 35, 12-17	3	11
43	Knowledge, Attitudes, and Beliefs of Youth Sports Coaches Regarding Sport Volume Recommendations and Sport Specialization. <i>Journal of Strength and Conditioning Research</i> , <b>2020</b> , 34, 2911-2919	3.2	11
42	Novel 2-amino-isoflavones exhibit aryl hydrocarbon receptor agonist or antagonist activity in a species/cell-specific context. <i>Toxicology</i> , <b>2012</b> , 297, 26-33	4.4	10
41	Negative effects on postural control after anterior cruciate ligament reconstruction as measured by the balance error scoring system. <i>Journal of Sport Rehabilitation</i> , <b>2013</b> , 22, 224-8	1.7	10
40	Molecular analysis of peroxisome proliferation in the hamster. <i>Toxicology and Applied Pharmacology</i> , <b>2004</b> , 197, 9-18	4.6	10
39	Consensus Definition of Sport Specialization in Youth Athletes Using a Delphi Approach. <i>Journal of Athletic Training</i> , <b>2021</b> ,	4	9
38	Sex Differences on the Landing Error Scoring System Among Individuals With Anterior Cruciate Ligament Reconstruction. <i>Journal of Athletic Training</i> , <b>2018</b> , 53, 837-843	4	9
37	Fused mesoionic heterocyclic compounds are a new class of aryl hydrocarbon receptor (AhR) agonist of exceptional potency. <i>Toxicology</i> , <b>2012</b> , 302, 140-5	4.4	8
36	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> , <b>2009</b> , 107, 512-21	4.4	8
35	Species-specific kinetics and zonation of hepatic DNA synthesis induced by ligands of PPARalpha. <i>Toxicological Sciences</i> , <b>2008</b> , 104, 74-85	4.4	8

34	A gas chromatography-mass spectrometry method for the measurement of fatty acid omega and omega(-1) hydroxylation kinetics by CYP4A1 using an artificial membrane system. <i>Analytical Biochemistry</i> , <b>2004</b> , 325, 354-63	3.1	8
33	Regulation of differentially spliced transcripts of acyl-CoA oxidase in the rat. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , <b>1991</b> , 1090, 211-5		8
32	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> , <b>2021</b> ,	4	8
31	Exploring Coaches' Perceptions of Youth Sport Specialization: A Comparison of High School and Club Sport Contexts. <i>Journal of Athletic Training</i> , <b>2019</b> , 54, 1055-1060	4	7
30	Sport Specialization and Participation Characteristics of Female High School Volleyball Athletes. <i>Athletic Training &amp; Sports Health Care</i> , <b>2018</b> , 10, 247-252	0.6	7
29	Evaluation of adolescent sport specialization and injury mechanism by sex: A secondary analysis. <i>Journal of Science and Medicine in Sport</i> , <b>2020</b> , 23, 721-725	4.4	6
28	A Comparison of Emergency Preparedness Between High School Coaches and Club Sport Coaches. <i>Journal of Athletic Training</i> , <b>2019</b> , 54, 1074-1082	4	6
27	The Effect of Exertion and Sex on Vertical Ground Reaction Force Variables and Landing Mechanics. <i>Journal of Strength and Conditioning Research</i> , <b>2016</b> , 30, 1661-9	3.2	6
26	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> , <b>2007</b> , 224, 147-55	4.6	5
25	Structure and expression of genes coding for components of the cytochrome P-450-mediated mono-oxygenase. <i>Biochemical Society Transactions</i> , <b>1987</b> , 15, 573-5	5.1	5
24	Different Perceptions of Parents and Children on Factors Influencing Sport Specialization. <i>Journal of Sport Rehabilitation</i> , <b>2020</b> , 30, 190-197	1.7	5
23	Sport Participation and Specialization Characteristics Among Pediatric Soccer Athletes. <i>Orthopaedic Journal of Sports Medicine</i> , <b>2019</b> , 7, 2325967119832399	3.5	4
22	The Influence of Sport Specialization on Landing Error Scoring System Scores in High School Athletes. <i>Athletic Training &amp; Sports Health Care</i> , <b>2018</b> , 10, 253-259	0.6	4
21	Assessment of Free-Living Cadence Using ActiGraph Accelerometers Between Individuals With and Without Anterior Cruciate Ligament Reconstruction. <i>Journal of Athletic Training</i> , <b>2020</b> , 55, 994-1000	4	4
20	Sport specialization and sport participation opportunities and their association with injury history in female high school volleyball athletes. <i>Physical Therapy in Sport</i> , <b>2020</b> , 45, 86-92	3	3
19	Generation and phenotypic characterisation of a cytochrome P450 4x1 knockout mouse. <i>PLoS ONE</i> , <b>2017</b> , 12, e0187959	3.7	3
18	Tissue-specific expression of cytochrome P-450 genes. <i>Biochemical Society Transactions</i> , <b>1987</b> , 15, 626-627	3.1	3
17	The Association of Sport Specialization, Overuse Injury, and Travel With Daytime Sleepiness in Youth Athletes. <i>Athletic Training &amp; Sports Health Care</i> , <b>2020</b> , 12, 59-66	0.6	3

16	Association of lower extremity injuries and injury mechanism with previous concussion history in adolescent athletes. <i>Physical Therapy in Sport</i> , <b>2021</b> , 48, 76-82	3	3
15	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> , <b>2021</b> , 55, 912-916	10.3	3
14	Expression of the <i>C. elegans</i> aryl hydrocarbon receptor ligand-binding domain. <i>Toxicology</i> , <b>2008</b> , 253, 25	4.4	2
13	Training Load and Injury Among Middle School-Aged Athletes. <i>Journal of Athletic Training</i> , <b>2020</b> , 55, 954-959	4.5	2
12	A Comparison of Psychological Readiness and Patient-Reported Function Between Sexes After Anterior Cruciate Ligament Reconstruction. <i>Journal of Athletic Training</i> , <b>2020</b> ,	4	2
11	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> , <b>2021</b> , 49, 1634-1641	6.8	2
10	The Reliability and Discriminative Ability of the Overhead Squat Test for Observational Screening of Medial Knee Displacement. <i>Journal of Sport Rehabilitation</i> , <b>2017</b> , 26,	1.7	1
9	Youth Sport Injuries and Sport Specialization. <i>Athletic Training &amp; Sports Health Care</i> , <b>2018</b> , 10, 239-240	0.6	1
8	The Role of Athlete Competitiveness in High School Sport Specialization in the United States.. <i>Orthopaedic Journal of Sports Medicine</i> , <b>2022</b> , 10, 23259671221079670	3.5	1
7	Genes involved in the induction of liver growth by peroxisome proliferators. <i>Toxicology Research</i> , <b>2014</b> , 3, 315-323	2.6	0
6	Awareness of Concussion-Education Requirements, and -Management Plans and Concussion Knowledge in High School and Club Sport Coaches. <i>Journal of Athletic Training</i> , <b>2020</b> , 55, 1054-1061	4	0
5	Sport Specialization and Risk of Overuse Injuries: A Systematic Review with Meta-Analysis <b>2021</b> , 215-222		0
4	A Comparison of Team Sport Volume Surveyed Between High School and Club Sport Coaches. <i>Orthopaedic Journal of Sports Medicine</i> , <b>2019</b> , 7, 2325967119836484	3.5	
3	The Developmental Toxicity of Dioxin to the Developing Male Reproductive System in the Rat: Relevance of the AHR for Risk Assessment <b>2011</b> , 267-276		
2	Binding of [3H]-TCDD to recombinant rat and human AhRs. <i>Toxicology</i> , <b>2007</b> , 240, 168-169	4.4	
1	Comparing High School Sport Specialization Trends Between Division I and Club Collegiate Athletes.. <i>Sports Health</i> , <b>2021</b> , 19417381211060293	4.7	