

# Ryan A Harris

## List of Publications by Year in descending order

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133  
papers

5,039  
citations

147801  
31  
h-index

88630  
70  
g-index

133  
all docs

133  
docs citations

133  
times ranked

6150  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of flow-mediated dilation in humans: a methodological and physiological guideline. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 300, H2-H12.	3.2	1,126
2	Deformation twinning in AZ31: Influence on strain hardening and texture evolution. Acta Materialia, 2010, 58, 6230-6242.	7.9	558
3	Ultrasound Assessment of Flow-Mediated Dilation. Hypertension, 2010, 55, 1075-1085.	2.7	525
4	Modelling cost-effectiveness of Helicobacter pylori screening to prevent gastric cancer: a mandate for clinical trials. Lancet, The, 1996, 348, 150-154.	13.7	322
5	A 16-Week Randomized Clinical Trial of 2000 International Units Daily Vitamin D <sub>3</sub> Supplementation in Black Youth: 25-Hydroxyvitamin D, Adiposity, and Arterial Stiffness. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 4584-4591.	3.6	236
6	Vitamin D3 Supplementation for 16 Weeks Improves Flow-Mediated Dilation in Overweight African-American Adults. American Journal of Hypertension, 2011, 24, 557-562.	2.0	142
7	Arriving at an anti-forensics consensus: Examining how to define and control the anti-forensics problem. Digital Investigation, 2006, 3, 44-49.	3.2	119
8	Acute Reversal of Endothelial Dysfunction in the Elderly After Antioxidant Consumption. Hypertension, 2012, 59, 818-824.	2.7	110
9	Cost utility of prenatal diagnosis and the risk-based threshold. Lancet, The, 2004, 363, 276-282.	13.7	104
10	The Flow-Mediated Dilation Response to Acute Exercise in Overweight Active and Inactive Men. Obesity, 2008, 16, 578-584.	3.0	99
11	The effect of acute exercise on endothelial function following a high-fat meal. European Journal of Applied Physiology, 2006, 98, 256-262.	2.5	81
12	Evidence of Vascular Endothelial Dysfunction in Young Patients With Cystic Fibrosis. Chest, 2013, 143, 939-945.	0.8	71
13	Vascular Dysfunction and Chronic Obstructive Pulmonary Disease. Hypertension, 2014, 63, 459-467.	2.7	70
14	Variability of flow-mediated dilation measurements with repetitive reactive hyperemia. Vascular Medicine, 2006, 11, 1-6.	1.5	66
15	Effect of Vitamin D Supplementation on Markers of Vascular Function: A Systematic Review and Individual Participant Meta-Analysis. Journal of the American Heart Association, 2018, 7, .	3.7	63
16	Effects of resistance training on central blood pressure in obese young men. Journal of Human Hypertension, 2014, 28, 157-164.	2.2	59
17	Differences in angiotensin (1 <sup>st</sup> ) between men and women. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H1171-H1176.	3.2	59
18	Prevention of Recurrences of Erosive Reflux Esophagitis: A Cost-Effectiveness Analysis of Maintenance Proton Pump Inhibition. American Journal of Medicine, 1997, 102, 78-88.	1.5	47

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19	Premenopausal Women Exhibit an Inherent Protection of Endothelial Function Following a High-Fat Meal. <i>Reproductive Sciences</i> , 2012, 19, 221-228.	2.5	42
20	Characterization of the brachial artery shear stress following walking exercise. <i>Vascular Medicine</i> , 2008, 13, 105-111.	1.5	39
21	Evidence of microvascular dysfunction in patients with cystic fibrosis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H1479-H1485.	3.2	38
22	<i>Helicobacter pylori</i> and Gastric Cancer: What Are the Benefits of Screening Only for the CagA Phenotype of <i>H. pylori</i> ?. <i>Helicobacter</i> , 1999, 4, 69-76.	3.5	37
23	Analysis and Classification of the Upper Lip Aesthetic Unit. <i>Plastic and Reconstructive Surgery</i> , 2013, 132, 543-551.	1.4	37
24	Skeletal muscle oxidative capacity in patients with cystic fibrosis. <i>Experimental Physiology</i> , 2015, 100, 545-552.	2.0	37
25	Ultrasound Assessment of Endothelial Function: A Technical Guideline of the Flow-mediated Dilation Test. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	37
26	The effect of oral antioxidants on brachial artery flow-mediated dilation following 5 and 10 min of ischemia. <i>European Journal of Applied Physiology</i> , 2009, 107, 445-453.	2.5	36
27	Angiotensin II in the Elderly. <i>Hypertension</i> , 2008, 51, 1611-1616.	2.7	35
28	The importance of patient preferences for comorbidities in cost-effectiveness analyses. <i>Journal of Health Economics</i> , 1997, 16, 113-119.	2.7	34
29	Reproducibility of the Flow-Mediated Dilation Response to Acute Exercise in Overweight Men. <i>Ultrasound in Medicine and Biology</i> , 2007, 33, 1579-1585.	1.5	34
30	Can the measurement of brachial artery flow-mediated dilation be applied to the acute exercise model?. <i>Cardiovascular Ultrasound</i> , 2007, 5, 45.	1.6	32
31	Effects of Exercise Intensity on Postexercise Endothelial Function and Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-8.	4.0	32
32	<i>CFTR</i> Genotype and Maximal Exercise Capacity in Cystic Fibrosis. A Cross-Sectional Study. <i>Annals of the American Thoracic Society</i> , 2018, 15, 209-216.	3.2	32
33	Vascular consequences of a high-fat meal in physically active and inactive adults. <i>Applied Physiology, Nutrition and Metabolism</i> , 2011, 36, 368-375.	1.9	29
34	Proper "normalization" of flow-mediated dilation for shear. <i>Journal of Applied Physiology</i> , 2007, 103, 1108-1108.	2.5	28
35	A comparison between active- and reactive-hyperaemia-induced brachial artery vasodilation. <i>Clinical Science</i> , 2006, 110, 387-392.	4.3	27
36	Eating and arterial endothelial function: a meta-analysis of the acute effects of meal consumption on flow-mediated dilation. <i>Obesity Reviews</i> , 2016, 17, 1080-1090.	6.5	26

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37	Alar Contour Grafts in Rhinoplasty. Plastic and Reconstructive Surgery, 2016, 137, 52-61.	1.4	26
38	Decision Analysis of Prenatal Testing for Chromosomal Disorders: What Do the Preferences of Pregnant Women Tell Us?. Genetic Testing and Molecular Biomarkers, 2001, 5, 23-32.	1.7	24
39	The Endonasal Lip Lift: Personal Technique. Aesthetic Surgery Journal, 2014, 34, 457-468.	1.6	24
40	A 10-Month Physical Activity Intervention Improves Body Composition in Young Black Boys. Journal of Obesity, 2011, 2011, 1-8.	2.7	23
41	A single high-fat meal provokes pathological erythrocyte remodeling and increases myeloperoxidase levels: implications for acute coronary syndrome. Laboratory Investigation, 2018, 98, 1300-1310.	3.7	23
42	Exercise effects on arterial stiffness and heart health in children with excess weight: The SMART RCT. International Journal of Obesity, 2020, 44, 1152-1163.	3.4	23
43	Comparison of Limited-Undermining Lipoabdominoplasty and Traditional Abdominoplasty Using Laser Fluorescence Imaging. Aesthetic Surgery Journal, 2014, 34, 741-747.	1.6	22
44	Oral NaHCO <sub>3</sub> Activates a Splenic Anti-Inflammatory Pathway: Evidence That Cholinergic Signals Are Transmitted via Mesothelial Cells. Journal of Immunology, 2018, 200, 3568-3586.	0.8	22
45	Strength Fitness and Body Weight Status on Markers of Cardiometabolic Health. Medicine and Science in Sports and Exercise, 2015, 47, 1211-1218.	0.4	21
46	Exercise improves angiogenic function of circulating exosomes in type 2 diabetes: Role of exosomal SOD3. FASEB Journal, 2022, 36, e22177.	0.5	21
47	Oxygen uptake kinetics and exercise capacity in children with cystic fibrosis. Pediatric Pulmonology, 2015, 50, 647-654.	2.0	20
48	Female spontaneously hypertensive rats are more dependent on ANG (1-7) to mediate effects of low-dose AT <sub>1</sub> receptor blockade than males. American Journal of Physiology - Renal Physiology, 2014, 306, F1136-F1142.	2.7	19
49	Sildenafil improves vascular endothelial function in patients with cystic fibrosis. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 315, H1486-H1494.	3.2	17
50	Endothelial Dysfunction in Cystic Fibrosis: Role of Oxidative Stress. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-8.	4.0	16
51	Associations between muscle mass, physical activity and dietary behaviour in adolescents. Pediatric Obesity, 2019, 14, e12471.	2.8	16
52	Blood flow regulation and oxidative stress during submaximal cycling exercise in patients with cystic fibrosis. Journal of Cystic Fibrosis, 2018, 17, 256-263.	0.7	15
53	Bison meat has a lower atherogenic risk than beef in healthy men. Nutrition Research, 2013, 33, 293-302.	2.9	13
54	VO <sub>2</sub> max as an exercise tolerance endpoint in people with cystic fibrosis: Lessons from a lumacaftor/ivacaftor trial. Journal of Cystic Fibrosis, 2021, 20, 499-505.	0.7	13

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55	Epithelial Sodium Channel Inhibition by Amiloride on Blood Pressure and Cardiovascular Disease Risk in Young Prehypertensives. <i>Journal of Clinical Hypertension</i> , 2014, 16, 47-53.	2.0	12
56	A single bout of maximal exercise improves lung function in patients with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2017, 16, 752-758.	0.7	12
57	CrossTalk proposal: Skeletal muscle oxidative capacity is altered in patients with cystic fibrosis. <i>Journal of Physiology</i> , 2017, 595, 1423-1425.	2.9	11
58	Acute Tetrahydrobiopterin Improves Endothelial Function in Patients With COPD. <i>Chest</i> , 2018, 154, 597-606.	0.8	11
59	Ethnic Differences in Nighttime Melatonin and Nighttime Blood Pressure: A Study in European Americans and African Americans. <i>American Journal of Hypertension</i> , 2019, 32, 968-974.	2.0	11
60	Assessments of endothelial function and arterial stiffness are reproducible in patients with COPD. <i>International Journal of COPD</i> , 2015, 10, 1977.	2.3	10
61	Tetrahydrobiopterin improves endothelial function in patients with cystic fibrosis. <i>Journal of Applied Physiology</i> , 2019, 126, 60-66.	2.5	10
62	Sirt1 during childhood is associated with microvascular function later in life. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H1371-H1378.	3.2	10
63	Angiotensin II receptor blocker attenuates stress pressor response in young adult African Americans. <i>Journal of Clinical Hypertension</i> , 2019, 21, 1191-1199.	2.0	9
64	Association between resting heart rate, shear and flow-mediated dilation in healthy adults. <i>Experimental Physiology</i> , 2014, 99, 1439-1448.	2.0	8
65	Exercise Intolerance in Cystic Fibrosis: Importance of Skeletal Muscle. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 684-693.	0.4	8
66	Whole body vibration elicits differential immune and metabolic responses in obese and normal weight individuals. <i>Brain, Behavior, &amp; Immunity - Health</i> , 2020, 1, 100011.	2.5	7
67	Smoking cessation reduces systemic inflammation and circulating endothelin-1. <i>Scientific Reports</i> , 2021, 11, 24122.	3.3	7
68	Cardiometabolic Biomarkers in Young Black Girls: Relations to Body Fatness and Aerobic Fitness, and Effects of a Randomized Physical Activity Trial. <i>International Journal of Pediatrics (United Kingdom)</i> , 2011, 2011, 1-7.	0.8	6
69	Commentaries on Viewpoint: Principles, insights, and potential pitfalls of the noninvasive determination of muscle oxidative capacity by near-infrared spectroscopy. <i>Journal of Applied Physiology</i> , 2018, 124, 249-255.	2.5	6
70	Sildenafil improves exercise capacity in patients with cystic fibrosis: a proof-of-concept clinical trial. <i>Therapeutic Advances in Chronic Disease</i> , 2019, 10, 204062231988787.	2.5	6
71	Oxygen transport and utilisation during exercise in cystic fibrosis: contributors to exercise intolerance. <i>Experimental Physiology</i> , 2020, 105, 1979-1983.	2.0	6
72	Exercise Capacity and Lung Function in Cystic Fibrosis. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 151.	0.4	6

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73	The Link Between Childhood Adversity and Cardiovascular Disease Risk: Role of Cerebral and Systemic Vasculature. <i>Function</i> , 2022, 3, .	2.3	6
74	BH4 improves postprandial endothelial function after a high-fat meal in men and postmenopausal women. <i>Menopause</i> , 2017, 24, 555-562.	2.0	5
75	Assessment of endothelial function is reproducible in patients with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2019, 18, 772-777.	0.7	5
76	Exposure-response modeling of flow-mediated dilation provides an unbiased and informative measure of endothelial function. <i>Journal of Applied Physiology</i> , 2017, 122, 1292-1303.	2.5	4
77	Exercise testing in patients with cystic fibrosisâ€”importance of ventilatory parameters. <i>European Journal of Applied Physiology</i> , 2019, 119, 227-234.	2.5	4
78	Phase-I Study of ETA Receptor Antagonist Ambrisentan in Sickle Cell Disease. <i>Blood</i> , 2019, 134, 617-617.	1.4	4
79	Endothelin receptor blockade blunts the pressor response to acute stress in men and women with obesity. <i>Journal of Applied Physiology</i> , 2022, 132, 73-83.	2.5	4
80	FMD, reproducibility, and acute exercise in the obese: are the results confounded?. <i>European Journal of Applied Physiology</i> , 2010, 109, 357-358.	2.5	3
81	The Augusta Heart Study. <i>Journal of Environment and Health Sciences</i> , 2019, 5, 15-23.	1.0	3
82	The effects of wholeâ€”body vibration amplitude on glucose metabolism, inflammation, and skeletal muscle oxygenation. <i>Physiological Reports</i> , 2022, 10, e15208.	1.7	3
83	Dual Endothelin Receptor Antagonism Increases Resting Energy Expenditure in People with Increased Adiposity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2022, , .	3.5	3
84	Reply to ‘Letter to the editor: ‘Assessment of flow-mediated dilation in humans: a methodological and physiological guideline’â€” <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 300, H713-H713.	3.2	2
85	Liposuction-Augmentation Mammoplasty. <i>Aesthetic Surgery Journal</i> , 2018, 38, 385-397.	1.6	2
86	Insomnia and triglycerides in schizophrenia. <i>Schizophrenia Research</i> , 2022, 239, 42-43.	2.0	2
87	ENDOTHELIAL DEPENDENT DILATION AND LONG-TERM EXERCISE TRAINING. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, 1362.	0.4	1
88	Response to Antioxidants and Endothelial Dysfunction in Young and Elderly People: Is Flow-Mediated Dilation Useful to Assess Acute Effects?. <i>Hypertension</i> , 2012, 60, .	2.7	1
89	Mixed Venous Oxygen Saturation is Impaired During Maximal Exercise in Patients with Cystic Fibrosis. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 283.	0.4	1
90	Whole Body Vibration Elicits Differential Immune Responses Between Obese and Normal Weight Individuals. <i>FASEB Journal</i> , 2019, 33, .	0.5	1

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91	Impaired Skeletal Muscle Mitochondrial Efficiency in People with Type 1 Diabetes. FASEB Journal, 2020, 34, 1-1.	0.5	1
92	Endothelinâ€1 response to wholeâ€body vibration in obese and normal weight individuals. Physiological Reports, 2022, 10, e15335.	1.7	1
93	Cost Utility of Prenatal Diagnosis and the Risk-Based Threshold. Obstetrical and Gynecological Survey, 2004, 59, 497-498.	0.4	0
94	Flow-Mediated Dilation After Acute Exercise: Interpret With Caution. Journal of Strength and Conditioning Research, 2008, 22, 1721-1723.	2.1	0
95	Is Slope To Peak Vasodilatation An Important Parameter Of The FMD Test?. Medicine and Science in Sports and Exercise, 2011, 43, 745.	0.4	0
96	Effects Of Resistance Training On Lipids, Atherogenic Mediators, Adiponectin, And CIMT In Overweight, Sedentary Men. Medicine and Science in Sports and Exercise, 2011, 43, 834.	0.4	0
97	Age-specific Effect of Acute Antioxidant Consumption on Endothelial Function. Medicine and Science in Sports and Exercise, 2011, 43, 749.	0.4	0
98	The Hemodynamic Response during Submaximal and Maximal Exercise in Patients with Cystic Fibrosis. Medicine and Science in Sports and Exercise, 2015, 47, 682.	0.4	0
99	Prevention of Bone Adherence to an Oscillating Burr. Plastic and Reconstructive Surgery, 2015, 135, 239e.	1.4	0
100	Sildenafil Improves Exercise Capacity And Oxygen Uptake Kinetics In Patients With Cystic Fibrosis. Medicine and Science in Sports and Exercise, 2016, 48, 207-208.	0.4	0
101	Rebuttal from Paula Rodriguezâ€Miguel, Melissa L. Erickson, Kevin K. McCully and Ryan A. Harris. Journal of Physiology, 2017, 595, 1429-1429.	2.9	0
102	Exercise Capacity In Cystic Fibrosis. Medicine and Science in Sports and Exercise, 2017, 49, 1044.	0.4	0
103	Relationship between Vascular Health and Maximal Exercise Capacity Following Sildenafil Treatment in Cystic Fibrosis. Medicine and Science in Sports and Exercise, 2017, 49, 1046.	0.4	0
104	Sex Influences Changes Over Time In Exercise Ventilatory Dynamics In Patients With Cystic Fibrosis. Medicine and Science in Sports and Exercise, 2018, 50, 355-356.	0.4	0
105	Antioxidant Supplementation Improves Skeletal Muscle Metabolism During Maximal Exercise In Patients With Cystic Fibrosis. Medicine and Science in Sports and Exercise, 2018, 50, 356.	0.4	0
106	Depression Scores and TNF-Î± in Participants of a Smoking Cessation Program. Journal of Allergy and Clinical Immunology, 2021, 147, AB82.	2.9	0
107	Enhanced Vasoconstriction in Sickle Cell Disease is Mediated by ET <sub>A</sub> Receptorâ€Dependent Induction of alpha <sub>1A</sub> â€Adrenergic Receptor Expression. FASEB Journal, 2021, 35, .	0.5	0
108	Impaired Skeletal Muscle Mitochondrial Efficiency in Smokers. FASEB Journal, 2021, 35, .	0.5	0

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109	Blood Pressure Reduction Following Physical Activity. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, S251.	0.4	0
110	Angiotensin-II In The Elderly: Impact Of AT1 Receptor Sensitivity On Peripheral Hemodynamics. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S12.	0.4	0
111	Shear Stress Mediated Vascular Function across the Menstrual Cycle: The role of Estrogen. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S309-S310.	0.4	0
112	Acute Antioxidant Consumption Improves Vascular Function in the Elderly. <i>FASEB Journal</i> , 2010, 24, 1039.15.	0.5	0
113	Cross-sectional Analysis of Cardiometabolic Phenotypes in Men of Varying Body Composition and Training Status. <i>FASEB Journal</i> , 2010, 24, 804.1.	0.5	0
114	Do Ovulatory Hormones Protect Flow-Mediated Dilation Against The Insult Of A High-Fat Meal?. <i>FASEB Journal</i> , 2010, 24, 1b545.	0.5	0
115	Flow-Mediated Dilation is Attenuated in Young Patients with Cystic Fibrosis. <i>FASEB Journal</i> , 2012, 26, 1130.13.	0.5	0
116	BH 4 Improves Postprandial FMD in Older Adults. <i>FASEB Journal</i> , 2012, 26, 1131.9.	0.5	0
117	Nitric Oxide Bioavailability in Patients with Cystic Fibrosis. <i>FASEB Journal</i> , 2013, 27, 1141.1.	0.5	0
118	Effects of Resistance Training and Cessation Therapy on Fitness and Cardiovascular Health in Young Smokers. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 153.	0.4	0
119	A Pilot Study of Vitamin D Repletion Shows Improvement in Pain and Vascular Endothelial Function in Adult Patients with Sickle Cell Disease. <i>Blood</i> , 2015, 126, 4589-4589.	1.4	0
120	Acute Sildenafil Treatment Improves Exercise Capacity in Patients with Cystic Fibrosis. <i>FASEB Journal</i> , 2018, 32, 853.5.	0.5	0
121	Stress-Induced Salt Sensitivity is Modulated by Angiotensin II. <i>FASEB Journal</i> , 2018, 32, 715.9.	0.5	0
122	Hemodynamic Hyper-reactivity to Acute Stress in Individuals Reporting Adversity during Childhood: Role of Endothelin-1. <i>FASEB Journal</i> , 2018, 32, 714.13.	0.5	0
123	RESVERATROL IMPROVES MICROVASCULAR FUNCTION IN ADULTS WHO REPORTED ADVERSE CHILDHOOD EVENTS. <i>FASEB Journal</i> , 2018, 32, 710.7.	0.5	0
124	Childhood Sirt1 Is a Predictor of Microvascular Function in Adulthood. <i>FASEB Journal</i> , 2019, 33, 518.2.	0.5	0
125	Impact of Melatonin on Vascular Health in Humans. <i>FASEB Journal</i> , 2019, 33, 872.1.	0.5	0
126	Evidence of Endothelin-B Receptor Dysfunction in Obesity. <i>FASEB Journal</i> , 2019, 33, 832.4.	0.5	0



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127	Ethnic difference in nighttime melatonin can partially explain the ethnic difference in nighttime blood pressure: A study in European Americans and African Americans. FASEB Journal, 2019, 33, 533.15.	0.5	0
128	Effects of Geneâ€Environment Interactions on Endothelial Function in Adolescents: GSTM1 and GSTT1 Polymorphisms and Tobacco Smoke Exposure. FASEB Journal, 2019, 33, 1b469.	0.5	0
129	Childhood Adversity Impairs the Autonomic Response to Acute Stress. FASEB Journal, 2019, 33, 838.4.	0.5	0
130	Biochemical verification of smoking cessation and the role of endothelinâ€1: Impact on cardiovascular disease risk. FASEB Journal, 2019, 33, 1b420.	0.5	0
131	Diabetes Attenuates the Increase in Estrogenâ€Mediated Endothelial Function. FASEB Journal, 2020, 34, 1-1.	0.5	0
132	Skeletal Muscle Oxidative Capacity is Linked to Cardiovascular Health. FASEB Journal, 2020, 34, 1-1.	0.5	0
133	ETA Receptor Blockade and Vascular Function in Patients with Sickle Cell Disease. Blood, 2020, 136, 25-26.	1.4	0