

# Tracey L Weissgerber

## 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.

58

papers

2,033

citations

26

h-index

44

g-index

75

ext. papers

2,608

ext. citations

6.6

avg, IF

5.19

L-index

#	Paper	IF	Citations
58	Beyond bar and line graphs: time for a new data presentation paradigm. <i>PLoS Biology</i> , <b>2015</b> , 13, e1002128	3.7	367
57	Preeclampsia and diabetes. <i>Current Diabetes Reports</i> , <b>2015</b> , 15, 9	5.6	140
56	Immediate exercise hyperemia in humans is contraction intensity dependent: evidence for rapid vasodilation. <i>Journal of Applied Physiology</i> , <b>2004</b> , 96, 639-44	3.7	117
55	Exercise in the prevention and treatment of maternal-fetal disease: a review of the literature. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2006</b> , 31, 661-74	3	100
54	Advances in the pathophysiology of pre-eclampsia and related podocyte injury. <i>Kidney International</i> , <b>2014</b> , 86, 275-85	9.9	85
53	Clinical physiology of exercise in pregnancy: a literature review. <i>Journal of Obstetrics and Gynaecology Canada</i> , <b>2003</b> , 25, 473-83	1.3	71
52	Impaired Flow-Mediated Dilation Before, During, and After Preeclampsia: A Systematic Review and Meta-Analysis. <i>Hypertension</i> , <b>2016</b> , 67, 415-23	8.5	70
51	Incidence and Long-Term Outcomes of Hypertensive Disorders of Pregnancy. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 75, 2323-2334	15.1	68
50	The role of regular physical activity in preeclampsia prevention. <i>Medicine and Science in Sports and Exercise</i> , <b>2004</b> , 36, 2024-31	1.2	65
49	Physiological adaptation in early human pregnancy: adaptation to balance maternal-fetal demands. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2006</b> , 31, 1-11	3	62
48	Data visualization, bar naked: A free tool for creating interactive graphics. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 20592-20598	5.4	48
47	Cold pressor test protocol to evaluate cardiac autonomic function. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2006</b> , 31, 235-43	3	46
46	Early Onset Preeclampsia Is Associated With Glycocalyx Degradation and Reduced Microvascular Perfusion. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e010647	6	44
45	Impaired Cognition and Brain Atrophy Decades After Hypertensive Pregnancy Disorders. <i>Circulation: Cardiovascular Quality and Outcomes</i> , <b>2016</b> , 9, S70-6	5.8	41
44	Preeclampsia and ESRD: The Role of Shared Risk Factors. <i>American Journal of Kidney Diseases</i> , <b>2017</b> , 69, 498-505	7.4	39
43	Urinary Extracellular Vesicles of Podocyte Origin and Renal Injury in Preeclampsia. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2017</b> , 28, 3363-3372	12.7	38
42	Preeclampsia and Extracellular Vesicles. <i>Current Hypertension Reports</i> , <b>2016</b> , 18, 68	4.7	37

41	Reveal, Don't Conceal: Transforming Data Visualization to Improve Transparency. <i>Circulation</i> , <b>2019</b> , 140, 1506-1518	16.7	35
40	Low flow-mediated constriction occurs in the radial but not the brachial artery in healthy pregnant and nonpregnant women. <i>Journal of Applied Physiology</i> , <b>2010</b> , 108, 1097-105	3.7	35
39	From Static to Interactive: Transforming Data Visualization to Improve Transparency. <i>PLoS Biology</i> , <b>2016</b> , 14, e1002484	9.7	35
38	Modification of angiogenic factors by regular and acute exercise during pregnancy. <i>Journal of Applied Physiology</i> , <b>2010</b> , 108, 1217-23	3.7	34
37	Hypertension in pregnancy is a risk factor for peripheral arterial disease decades after pregnancy. <i>Atherosclerosis</i> , <b>2013</b> , 229, 212-6	3.1	33
36	Preclinical atherosclerosis at the time of pre-eclamptic pregnancy and up to 10 years postpartum: systematic review and meta-analysis. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2017</b> , 49, 110-115	5.8	33
35	Carotid Artery Intima-Media Thickness and Subclinical Atherosclerosis in Women With Remote Histories of Preeclampsia: Results From a Rochester Epidemiology Project-Based Study and Meta-analysis. <i>Mayo Clinic Proceedings</i> , <b>2017</b> , 92, 1328-1340	6.4	31
34	Targeting senescence improves angiogenic potential of adipose-derived mesenchymal stem cells in patients with preeclampsia. <i>Biology of Sex Differences</i> , <b>2019</b> , 10, 49	9.3	28
33	Reinventing Biostatistics Education for Basic Scientists. <i>PLoS Biology</i> , <b>2016</b> , 14, e1002430	9.7	27
32	Left ventricular hypertrophy after hypertensive pregnancy disorders. <i>Heart</i> , <b>2015</b> , 101, 1584-90	5.1	25
31	Mitigating the impact of conference and travel cancellations on researchers' futures. <i>ELife</i> , <b>2020</b> , 9,	8.9	22
30	Flow-mediated dilation: can new approaches provide greater mechanistic insight into vascular dysfunction in preeclampsia and other diseases?. <i>Current Hypertension Reports</i> , <b>2014</b> , 16, 487	4.7	21
29	Haptoglobin phenotype, angiogenic factors, and preeclampsia risk. <i>American Journal of Obstetrics and Gynecology</i> , <b>2012</b> , 206, 358.e10-8	6.4	17
28	Serial respiratory adaptations and an alternate hypothesis of respiratory control in human pregnancy. <i>Respiratory Physiology and Neurobiology</i> , <b>2006</b> , 153, 39-53	2.8	17
27	Impact of a History of Hypertension in Pregnancy on Later Diagnosis of Atrial Fibrillation. <i>Journal of the American Heart Association</i> , <b>2018</b> , 7,	6	17
26	Haptoglobin phenotype, preeclampsia risk and the efficacy of vitamin C and E supplementation to prevent preeclampsia in a racially diverse population. <i>PLoS ONE</i> , <b>2013</b> , 8, e60479	3.7	16
25	Why we need to report more than 1000 Data were Analyzed by t-tests or ANOVA <i>ELife</i> , <b>2018</b> , 7,	8.9	16
24	Brachial artery flow-mediated dilation is not affected by pregnancy or regular exercise participation. <i>Clinical Science</i> , <b>2011</b> , 121, 355-65	6.5	15

23	Haptoglobin phenotype, pre-eclampsia, and response to supplementation with vitamins C and E in pregnant women with type-1 diabetes. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>2013</b> , 120, 1192-9	3.7	14
22	Uric Acid: A Missing Link Between Hypertensive Pregnancy Disorders and Future Cardiovascular Disease?. <i>Mayo Clinic Proceedings</i> , <b>2015</b> , 90, 1207-16	6.4	12
21	Improving the trustworthiness, usefulness, and ethics of biomedical research through an innovative and comprehensive institutional initiative. <i>PLoS Biology</i> , <b>2020</b> , 18, e3000576	9.7	12
20	Vascular pool of releasable soluble VEGF receptor-1 (sFLT1) in women with previous preeclampsia and uncomplicated pregnancy. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2014</b> , 99, 978-87	5.6	12
19	Hypertension in Pregnancy and Future Cardiovascular Event Risk in Siblings. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2016</b> , 27, 894-902	12.7	8
18	Advances in the pathophysiology of preeclampsia and related podocyte injury. <i>Kidney International</i> , <b>2014</b> , 86, 445	9.9	8
17	Methodological differences account for inconsistencies in reported free VEGF concentrations in pregnant rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2014</b> , 306, R796-803	3.2	7
16	How accurate are citations of frequently cited papers in biomedical literature?. <i>Clinical Science</i> , <b>2021</b> , 135, 671-681	6.5	6
15	[7-OR]. <i>Pregnancy Hypertension</i> , <b>2015</b> , 5, 4	2.6	5
14	Systematic review supports the role of DNA methylation in the pathophysiology of preeclampsia: a call for analytical and methodological standardization. <i>Biology of Sex Differences</i> , <b>2020</b> , 11, 36	9.3	5
13	Creating clear and informative image-based figures for scientific publications. <i>PLoS Biology</i> , <b>2021</b> , 19, e3001161	9.7	5
12	Electronic Algorithm Is Superior to Hospital Discharge Codes for Diagnoses of Hypertensive Disorders of Pregnancy in Historical Cohorts. <i>Mayo Clinic Proceedings</i> , <b>2018</b> , 93, 1707-1719	6.4	5
11	Training early career researchers to use meta-research to improve science: A participant-guided "learn by doing" approach. <i>PLoS Biology</i> , <b>2021</b> , 19, e3001073	9.7	3
10	Mechanisms of vascular dysfunction in the interleukin-10-deficient murine model of preeclampsia indicate nitric oxide dysregulation. <i>Kidney International</i> , <b>2021</b> , 99, 646-656	9.9	3
9	Reproducibility for everyone: a community-led initiative with global reach in reproducible research training		2
8	fiddle: a tool to combat publication bias by getting research out of the file drawer and into the scientific community. <i>Clinical Science</i> , <b>2020</b> , 134, 2729-2739	6.5	2
7	Creating Clear and Informative Image-based Figures for Scientific Publications		2
6	A community-led initiative for training in reproducible research. <i>ELife</i> , <b>2021</b> , 10,	8.9	2

5	How to connect academics around the globe by organizing an asynchronous virtual unconference. <i>Wellcome Open Research</i> , <b>2021</b> , 6, 156	4.8	1
4	Automated screening of COVID-19 preprints: can we help authors to improve transparency and reproducibility?. <i>Nature Medicine</i> , <b>2021</b> , 27, 6-7	50.5	1
3	Haptoglobin phenotype and abnormal uterine artery Doppler in a racially diverse cohort. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2014</b> , 27, 1728-33	2	0
2	How to connect academics around the globe by organizing an asynchronous virtual unconference. <i>Wellcome Open Research</i> , 6, 156	4.8	0
1	Learning from the past to develop data analysis curricula for the future. <i>PLoS Biology</i> , <b>2021</b> , 19, e3001343	9.7	0