

# Tracey L Weissgerber

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5979750/publications.pdf>

Version: 2024-02-01

65  
papers

3,111  
citations

186265

28  
h-index

168389

53  
g-index

75  
all docs

75  
docs citations

75  
times ranked

4681  
citing authors

#	ARTICLE	IF	CITATIONS
1	Beyond Bar and Line Graphs: Time for a New Data Presentation Paradigm. <i>PLoS Biology</i> , 2015, 13, e1002128.	5.6	521
2	Preeclampsia and Diabetes. <i>Current Diabetes Reports</i> , 2015, 15, 9.	4.2	229
3	Incidence and Long-Term Outcomes of Hypertensive Disorders of Pregnancy. <i>Journal of the American College of Cardiology</i> , 2020, 75, 2323-2334.	2.8	189
4	Exercise in the prevention and treatment of maternal fetal disease: a review of the literature. <i>Applied Physiology, Nutrition and Metabolism</i> , 2006, 31, 661-674.	1.9	127
5	Immediate exercise hyperemia in humans is contraction intensity dependent: evidence for rapid vasodilation. <i>Journal of Applied Physiology</i> , 2004, 96, 639-644.	2.5	123
6	Advances in the pathophysiology of pre-eclampsia and related podocyte injury. <i>Kidney International</i> , 2014, 86, 275-285.	5.2	112
7	Impaired Flow-Mediated Dilation Before, During, and After Preeclampsia. <i>Hypertension</i> , 2016, 67, 415-423.	2.7	100
8	Clinical Physiology of Exercise in Pregnancy: A Literature Review. <i>Journal of Obstetrics and Gynaecology Canada</i> , 2003, 25, 473-483.	0.7	97
9	The Role of Regular Physical Activity in Preeclampsia Prevention. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, 2024-2031.	0.4	79
10	Physiological adaptation in early human pregnancy: adaptation to balance maternal-fetal demands. <i>Applied Physiology, Nutrition and Metabolism</i> , 2006, 31, 1-11.	1.9	79
11	Early Onset Preeclampsia Is Associated With Glycocalyx Degradation and Reduced Microvascular Perfusion. <i>Journal of the American Heart Association</i> , 2019, 8, e010647.	3.7	72
12	Data visualization, bar naked: A free tool for creating interactive graphics. <i>Journal of Biological Chemistry</i> , 2017, 292, 20592-20598.	3.4	70
13	Reveal, Don't Conceal. <i>Circulation</i> , 2019, 140, 1506-1518.	1.6	70
14	Cold pressor test protocol to evaluate cardiac autonomic function. <i>Applied Physiology, Nutrition and Metabolism</i> , 2006, 31, 235-243.	1.9	69
15	Impaired Cognition and Brain Atrophy Decades After Hypertensive Pregnancy Disorders. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2016, 9, S70-6.	2.2	63
16	Urinary Extracellular Vesicles of Podocyte Origin and Renal Injury in Preeclampsia. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 3363-3372.	6.1	57
17	Preeclampsia and ESRD: The Role of Shared Risk Factors. <i>American Journal of Kidney Diseases</i> , 2017, 69, 498-505.	1.9	56
18	Targeting senescence improves angiogenic potential of adipose-derived mesenchymal stem cells in patients with preeclampsia. <i>Biology of Sex Differences</i> , 2019, 10, 49.	4.1	49

#	ARTICLE	IF	CITATIONS
19	From Static to Interactive: Transforming Data Visualization to Improve Transparency. PLoS Biology, 2016, 14, e1002484.	5.6	49
20	Preeclampsia and Extracellular Vesicles. Current Hypertension Reports, 2016, 18, 68.	3.5	46
21	Reinventing Biostatistics Education for Basic Scientists. PLoS Biology, 2016, 14, e1002430.	5.6	46
22	Modification of angiogenic factors by regular and acute exercise during pregnancy. Journal of Applied Physiology, 2010, 108, 1217-1223.	2.5	43
23	Why we need to report more than 'Data were Analyzed by t-tests or ANOVA'. ELife, 2018, 7, .	6.0	43
24	Preclinical atherosclerosis at the time of pre-eclamptic pregnancy and up to 10 years postpartum: systematic review and meta-analysis. Ultrasound in Obstetrics and Gynecology, 2017, 49, 110-115.	1.7	42
25	Hypertension in pregnancy is a risk factor for peripheral arterial disease decades after pregnancy. Atherosclerosis, 2013, 229, 212-216.	0.8	40
26	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. Mayo Clinic Proceedings, 2017, 92, 1328-1340.	3.0	40
27	Low flow-mediated constriction occurs in the radial but not the brachial artery in healthy pregnant and nonpregnant women. Journal of Applied Physiology, 2010, 108, 1097-1105.	2.5	39
28	Left ventricular hypertrophy after hypertensive pregnancy disorders. Heart, 2015, 101, 1584-1590.	2.9	36
29	Creating clear and informative image-based figures for scientific publications. PLoS Biology, 2021, 19, e3001161.	5.6	35
30	Mitigating the impact of conference and travel cancellations on researchers'™ futures. ELife, 2020, 9, .	6.0	34
31	Automated screening of COVID-19 preprints: can we help authors to improve transparency and reproducibility?. Nature Medicine, 2021, 27, 6-7.	30.7	33
32	Flow-Mediated Dilation: Can New Approaches Provide Greater Mechanistic Insight into Vascular Dysfunction in Preeclampsia and Other Diseases?. Current Hypertension Reports, 2014, 16, 487.	3.5	27
33	Serial respiratory adaptations and an alternate hypothesis of respiratory control in human pregnancy. Respiratory Physiology and Neurobiology, 2006, 153, 39-53.	1.6	24
34	Impact of a History of Hypertension in Pregnancy on Later Diagnosis of Atrial Fibrillation. Journal of the American Heart Association, 2018, 7, .	3.7	23
35	Improving the trustworthiness, usefulness, and ethics of biomedical research through an innovative and comprehensive institutional initiative. PLoS Biology, 2020, 18, e3000576.	5.6	23
36	Is the future of peer review automated?. BMC Research Notes, 2022, 15, .	1.4	22

#	ARTICLE	IF	CITATIONS
37	Transparent reporting for reproducible science. <i>Journal of Neuroscience Research</i> , 2016, 94, 859-864.	2.9	21
38	How accurate are citations of frequently cited papers in biomedical literature?. <i>Clinical Science</i> , 2021, 135, 671-681.	4.3	21
39	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> , 2020, 11, 36.	4.1	20
40	Uric Acid: A Missing Link Between Hypertensive Pregnancy Disorders and Future Cardiovascular Disease?. <i>Mayo Clinic Proceedings</i> , 2015, 90, 1207-1216.	3.0	18
41	Haptoglobin phenotype, angiogenic factors, and preeclampsia risk. <i>American Journal of Obstetrics and Gynecology</i> , 2012, 206, 358.e10-358.e18.	1.3	17
42	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> , 2013, 8, e60479.	2.5	17
43	Brachial artery flow-mediated dilation is not affected by pregnancy or regular exercise participation. <i>Clinical Science</i> , 2011, 121, 355-365.	4.3	16
44	Haptoglobin phenotype, preeclampsia, 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> , 2013, 120, 1192-1199.	2.3	16
45	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> , 2014, 99, 978-987.	3.6	16
46	Recommendations for empowering early career researchers to improve research culture and practice. <i>PLoS Biology</i> , 2022, 20, e3001680.	5.6	15
47	Correction to "Advances in the pathophysiology of preeclampsia and related podocyte injury". <i>Kidney International</i> , 2014, 86, 445.	5.2	14
48	Electronic Algorithm Is Superior to Hospital Discharge Codes for Diagnoses of Hypertensive Disorders of Pregnancy in Historical Cohorts. <i>Mayo Clinic Proceedings</i> , 2018, 93, 1707-1719.	3.0	14
49	Mechanisms of vascular dysfunction in the interleukin-10 deficient murine model of preeclampsia indicate nitric oxide dysregulation. <i>Kidney International</i> , 2021, 99, 646-656.	5.2	10
50	A community-led initiative for training in reproducible research. <i>ELife</i> , 2021, 10, .	6.0	10
51	Ways to increase equity, diversity and inclusion. <i>ELife</i> , 2020, 9, .	6.0	10
52	Training early career researchers to use meta-research to improve science: A participant-guided learn by doing approach. <i>PLoS Biology</i> , 2021, 19, e3001073.	5.6	9
53	Methodological differences account for inconsistencies in reported free VEGF concentrations in pregnant rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 306, R796-R803.	1.8	8
54	[7-OR]. <i>Pregnancy Hypertension</i> , 2015, 5, 4.	1.4	8

#	ARTICLE	IF	CITATIONS
55	Hypertension in Pregnancy and Future Cardiovascular Event Risk in Siblings. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 894-902.	6.1	8
56	fiddle: a tool to combat publication bias by getting research out of the file drawer and into the scientific community. <i>Clinical Science</i> , 2020, 134, 2729-2739.	4.3	8
57	How to connect academics around the globe by organizing an asynchronous virtual unconference. <i>Wellcome Open Research</i> , 2021, 6, 156.	1.8	3
58	How to connect academics around the globe by organizing an asynchronous virtual unconference. <i>Wellcome Open Research</i> , 0, 6, 156.	1.8	3
59	Learning from the past to develop data analysis curricula for the future. <i>PLoS Biology</i> , 2021, 19, e3001343.	5.6	2
60	Haptoglobin phenotype and abnormal uterine artery Doppler in a racially diverse cohort. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2014, 27, 1728-1733.	1.5	1
61	[218-POS]. <i>Pregnancy Hypertension</i> , 2015, 5, 110.	1.4	0
62	Rethinking Prenatal Exercise Trials: How Can We Improve Translation?. <i>Mayo Clinic Proceedings</i> , 2019, 94, 1922-1924.	3.0	0
63	The science of science: <i>Clinical Science</i> launches a new translational meta-research collection. <i>Clinical Science</i> , 2021, 135, 2031-2034.	4.3	0
64	Serial Physiological Changes During Pregnancy. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, S34-S35.	0.4	0
65	Development Of A Cold Pressor Test Protocol To Evaluate Cardiac Autonomic Function. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, S232.	0.4	0