

# Timothy Isbell

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7649939/publications.pdf>

Version: 2024-02-01

29  
papers

2,753  
citations

516215

16  
h-index

580395

25  
g-index

32  
all docs

32  
docs citations

32  
times ranked

3518  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen sulfide mediates the vasoactivity of garlic. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 17977-17982.	3.3	724
2	Hypoxia, red blood cells, and nitrite regulate NO-dependent hypoxic vasodilation. Blood, 2006, 107, 566-574.	0.6	444
3	Polarographic measurement of hydrogen sulfide production and consumption by mammalian tissues. Analytical Biochemistry, 2005, 341, 40-51.	1.1	338
4	Inhaled NO accelerates restoration of liver function in adults following orthotopic liver transplantation. Journal of Clinical Investigation, 2007, 117, 2583-2591.	3.9	202
5	SARS-CoV-2 spike protein promotes IL-6 trans-signaling by activation of angiotensin II receptor signaling in epithelial cells. PLoS Pathogens, 2020, 16, e1009128.	2.1	157
6	Hydrogen sulfide mediates vasoactivity in an O <sub>2</sub> -dependent manner. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 292, H1953-H1960.	1.5	153
7	SNO-hemoglobin is not essential for red blood cell-dependent hypoxic vasodilation. Nature Medicine, 2008, 14, 773-777.	15.2	145
8	Bitter melon extract inhibits breast cancer growth in preclinical model by inducing autophagic cell death. Oncotarget, 2017, 8, 66226-66236.	0.8	107
9	Hydrolysis of Acyloxy Nitroso Compounds Yields Nitroxyl (HNO). Journal of the American Chemical Society, 2006, 128, 9687-9692.	6.6	105
10	Hemoglobin oxygen fractional saturation regulates nitrite-dependent vasodilation of aortic ring bioassays. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H2565-H2572.	1.5	71
11	Effects of sodium nitrite on ischemia-reperfusion injury in the rat kidney. American Journal of Physiology - Renal Physiology, 2006, 290, F779-F786.	1.3	63
12	Exosomes from COVID-19 Patients Carry Tenascin-C and Fibrinogen-Î <sup>2</sup> in Triggering Inflammatory Signals in Cells of Distant Organ. International Journal of Molecular Sciences, 2021, 22, 3184.	1.8	44
13	Hemoglobin Î <sup>293</sup> Cysteine Is Not Required for Export of Nitric Oxide Bioactivity From the Red Blood Cell. Circulation, 2019, 139, 2654-2663.	1.6	42
14	AACC Guidance Document on Management of Point-of-Care Testing. journal of applied laboratory medicine, The, 2020, 5, 762-787.	0.6	30
15	Novel Method for Measuring S-Nitrosothiols Using Hydrogen Sulfide. Methods in Enzymology, 2008, 441, 161-172.	0.4	26
16	Circulatory Exosomes from COVID-19 Patients Trigger NLRP3 Inflammasome in Endothelial Cells. MBio, 2022, 13, e0095122.	1.8	24
17	Chronic kidney disease prevalence in Rivas, Nicaragua: Use of a field device for creatinine measurement. Clinical Biochemistry, 2015, 48, 456-458.	0.8	17
18	Assessing NO-dependent Vasodilatation Using Vessel Bioassays at Defined Oxygen Tensions. Methods in Enzymology, 2005, 396, 553-568.	0.4	13

#	ARTICLE	IF	CITATIONS
19	Cigarette smoke-induced urothelial cell damage: potential role of platelet-activating factor. <i>Physiological Reports</i> , 2017, 5, e13177.	0.7	13
20	The StatStrip Glucose Monitor Is Suitable for Use During Hyperinsulinemic Euglycemic Clamps in a Pediatric Population. <i>Diabetes Technology and Therapeutics</i> , 2014, 16, 298-302.	2.4	10
21	Momordicine-I, a Bitter Melon Bioactive Metabolite, Displays Anti-Tumor Activity in Head and Neck Cancer Involving c-Met and Downstream Signaling. <i>Cancers</i> , 2021, 13, 1432.	1.7	6
22	Evaluation of a Novel Light Scattering Methodology for the Detection of Pathogenic Bacteria in Urine. <i>journal of applied laboratory medicine, The</i> , 2020, 5, 370-376.	0.6	3
23	Gabapentin prevalence: clinical and forensic experience in St. Louis, Missouri, USA. <i>Forensic Sciences Research</i> , 2021, 6, 218-223.	0.9	3
24	Home or Hospital? Point-of-Care CRP as a Triage Biomarker in the Primary Care Setting. <i>Clinical Chemistry</i> , 2017, 63, 1049-1050.	1.5	1
25	The 2018 AACC/SYCL PhD Clinical Chemist Compensation Survey. <i>journal of applied laboratory medicine, The</i> , 2020, 5, 377-387.	0.6	1
26	Reproductive Endocrinology and Related Disorders. , 2012, , 1945-1990.		1
27	Translational Research: Role for the Clinical Laboratory Professional?. <i>Clinical Chemistry</i> , 2015, 61, 1309-1309.	1.5	0
28	Current State of Bedside Glucose Meter Testing. <i>journal of applied laboratory medicine, The</i> , 2017, 1, 445-448.	0.6	0
29	Professional Certification in Point-of-Care Testing. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2021, 32, 303-310.	0.7	0