

Timothy Isbell

List of Publications by Year in descending order

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29
papers

2,753
citations

516215

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580395

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all docs

32
docs citations

32
times ranked

3518
citing authors

#	ARTICLE	IF	CITATIONS
1	Circulatory Exosomes from COVID-19 Patients Trigger NLRP3 Inflammasome in Endothelial Cells. MBio, 2022, 13, e0095122.	1.8	24
2	Exosomes from COVID-19 Patients Carry Tenascin-C and Fibrinogen-Î² in Triggering Inflammatory Signals in Cells of Distant Organ. International Journal of Molecular Sciences, 2021, 22, 3184.	1.8	44
3	Momordicine-I, a Bitter Melon Bioactive Metabolite, Displays Anti-Tumor Activity in Head and Neck Cancer Involving c-Met and Downstream Signaling. Cancers, 2021, 13, 1432.	1.7	6
4	Gabapentin prevalence: clinical and forensic experience in St. Louis, Missouri, USA. Forensic Sciences Research, 2021, 6, 218-223.	0.9	3
5	Professional Certification in Point-of-Care Testing. Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine, 2021, 32, 303-310.	0.7	0
6	Evaluation of a Novel Light Scattering Methodology for the Detection of Pathogenic Bacteria in Urine. journal of applied laboratory medicine, The, 2020, 5, 370-376.	0.6	3
7	AACC Guidance Document on Management of Point-of-Care Testing. journal of applied laboratory medicine, The, 2020, 5, 762-787.	0.6	30
8	The 2018 AACC/SYCL PhD Clinical Chemist Compensation Survey. journal of applied laboratory medicine, The, 2020, 5, 377-387.	0.6	1
9	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
10	Hemoglobin Î²93 Cysteine Is Not Required for Export of Nitric Oxide Bioactivity From the Red Blood Cell. Circulation, 2019, 139, 2654-2663.	1.6	42
11	Cigarette smokeâ€induced urothelial cell damage: potential role of plateletâ€activating factor. Physiological Reports, 2017, 5, e13177.	0.7	13
12	Home or Hospital? Point-of-Care CRP as a Triage Biomarker in the Primary Care Setting. Clinical Chemistry, 2017, 63, 1049-1050.	1.5	1
13	Current State of Bedside Glucose Meter Testing. journal of applied laboratory medicine, The, 2017, 1, 445-448.	0.6	0
14	Bitter melon extract inhibits breast cancer growth in preclinical model by inducing autophagic cell death. Oncotarget, 2017, 8, 66226-66236.	0.8	107
15	Chronic kidney disease prevalence in Rivas, Nicaragua: Use of a field device for creatinine measurement. Clinical Biochemistry, 2015, 48, 456-458.	0.8	17
16	Translational Research: Role for the Clinical Laboratory Professional?. Clinical Chemistry, 2015, 61, 1309-1309.	1.5	0
17	The StatStrip Glucose Monitor Is Suitable for Use During Hyperinsulinemic Euglycemic Clamps in a Pediatric Population. Diabetes Technology and Therapeutics, 2014, 16, 298-302.	2.4	10
18	Reproductive Endocrinology and Related Disorders. , 2012, , 1945-1990.		1

#	ARTICLE	IF	CITATIONS
19	SNO-hemoglobin is not essential for red blood cell-dependent hypoxic vasodilation. <i>Nature Medicine</i> , 2008, 14, 773-777.	15.2	145
20	Novel Method for Measuring S-Nitrosothiols Using Hydrogen Sulfide. <i>Methods in Enzymology</i> , 2008, 441, 161-172.	0.4	26
21	Hydrogen sulfide mediates the vasoactivity of garlic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 17977-17982.	3.3	724
22	Hemoglobin oxygen fractional saturation regulates nitrite-dependent vasodilation of aortic ring bioassays. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H2565-H2572.	1.5	71
23	Hydrogen sulfide mediates vasoactivity in an O ₂ -dependent manner. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 292, H1953-H1960.	1.5	153
24	Inhaled NO accelerates restoration of liver function in adults following orthotopic liver transplantation. <i>Journal of Clinical Investigation</i> , 2007, 117, 2583-2591.	3.9	202
25	Hydrolysis of Acyloxy Nitroso Compounds Yields Nitroxyl (HNO). <i>Journal of the American Chemical Society</i> , 2006, 128, 9687-9692.	6.6	105
26	Hypoxia, red blood cells, and nitrite regulate NO-dependent hypoxic vasodilation. <i>Blood</i> , 2006, 107, 566-574.	0.6	444
27	Effects of sodium nitrite on ischemia-reperfusion injury in the rat kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 290, F779-F786.	1.3	63
28	Polarographic measurement of hydrogen sulfide production and consumption by mammalian tissues. <i>Analytical Biochemistry</i> , 2005, 341, 40-51.	1.1	338
29	Assessing NO-Dependent Vasodilatation Using Vessel Bioassays at Defined Oxygen Tensions. <i>Methods in Enzymology</i> , 2005, 396, 553-568.	0.4	13