

SUPPLEMENTAL TABLE 1. ARTICLES PUBLISHED AS FIRST/LAST AUTHOR IN THE FIELD
OF ANTIOXIDANT/REDOX BIOLOGY CITED OVER 1000 TIMES^a

	<i>Total citations</i>	<i>Average citations per year</i>
1. Stamler JS, Singel DJ, and Loscalzo J. Biochemistry of nitric oxide and its redox-active forms. <i>Science</i> 258: 1898–1902, 1992.	1857	96.89
2. Welch GN and Loscalzo J. Homocysteine and atherothrombosis. <i>N Engl J Med</i> 338: 1042–1050, 1998.	1089	83.77

^aCurrent as of March 23, 2010.

SUPPLEMENTAL TABLE 2. ARTICLES PUBLISHED AS FIRST/LAST AUTHOR IN THE FIELD OF ANTIOXIDANT/REDOX BIOLOGY CITED OVER 100 TIMES^a

	Total citations	Average citations per year
1. Stamler JS, Simon DI, Osborne JA, Mullins ME, Jaraki O, Michel T, Singel DJ, and Loscalzo J. S-nitrosylation of proteins with nitric oxide—synthesis and characterization of biologically-active compounds. <i>PNAS</i> 89: 444–448, 1992.	937	49.32
2. Stamler JS, Jaraki O, Osborne J, Simon DI, Keaney J, Vita J, Singel D, Valeri CR, and Loscalzo J. Nitric oxide circulates in mammalian plasma primarily as an S-nitroso adduct of serum albumin. <i>PNAS</i> 89: 7674–7677, 1992.	844	44.42
3. Stamler JS, Osborne JA, Jaraki O, Rabbani LE, Mullins M, Singel D, and Loscalzo J. Adverse vascular effects of homocysteine are modulated by endothelium-derived relaxing factor and related oxides of nitrogen. <i>J Clin Invest</i> 91: 308–318, 1993.	563	31.28
4. Loscalzo J. The oxidant stress of hyperhomocyst(e)inemia. <i>J Clin Invest</i> 98: 5–7, 1996.	478	31.87
5. Loscalzo J, Weinfeld M, Fless GM, and Scanu AM. Lipoprotein(a), fibrin binding, and plasminogen activation. <i>Arteriosclerosis</i> 10: 240–245, 1990.	400	19.05
6. Upchurch GR, Welch GN, Fabian AJ, Freedman JE, Johnson JL, Keaney JF, and Loscalzo J. Homocyst(e)ine decreases bioavailable nitric oxide by a mechanism involving glutathione peroxidase. <i>J Biol Chem</i> 272: 17012–17017, 1997.	397	28.36
7. Loscalzo J and Welch G. Nitric oxide and its role in the cardiovascular system. <i>Prog Cardiovasc Dis</i> 38: 87–104, 1995.	296	18.50
8. Cooke JP, Stamler J, Andon N, Davies PF, McKinley G, and Loscalzo J. Flow stimulates endothelial cells to release a nitrovasodilator that is potentiated by reduced thiol. <i>Am J Physiol</i> 259: H804–H812, 1990.	226	10.76
9. Eberhardt RT, Forgione MA, Cap A, Leopold JA, Rudd MA, Trollet M, Heydrick S, Stark R, Klings ES, Moldovan NI, Yaghoubi M, Goldschmidt-Clermont PJ, Farber HW, Cohen R, and Loscalzo J. Endothelial dysfunction in a murine model of mild hyperhomocyst(e)inemia. <i>J Clin Invest</i> 106: 483–491, 2000.	217	19.73
10. Scharfstein JS, Keaney JF, Slivka A, Welch GN, Vita JA, Stamler JS, and Loscalzo J. In vivo transfer of nitric oxide between a plasma protein bound reservoir and low-molecular-weight thiols. <i>J Clin Invest</i> 94: 1432–1439, 1994.	198	11.65
11. Price DT and Loscalzo J. Cellular adhesion molecules and atherogenesis. <i>Am J Med</i> 107: 85–97, 1999.	196	16.33
12. Loscalzo J. Nitric oxide insufficiency, platelet activation, and arterial thrombosis. <i>Circ Res</i> 88: 756–762, 2001.	193	19.30
13. Stamler J, Mendelsohn ME, Amarante P, Smick D, Andon N, Davies PF, Cooke JP, and Loscalzo J. N-acetylcysteine potentiates platelet inhibition by endothelium-derived relaxing factor. <i>Circ Res</i> 65: 789–795, 1989.	187	8.50
14. Ignarro LJ, Napoli C, and Loscalzo J. Nitric oxide donors and cardiovascular agents modulating the bioactivity of nitric oxide: an overview. <i>Circ Res</i> 90: 21–28, 2002.	161	17.89
15. Loscalzo J. N-acetylcysteine potentiates inhibition of platelet aggregation by nitroglycerin. <i>J Clin Invest</i> 76: 703–708, 1985.	157	6.04
16. Marks DS, Vita JA, Folts JD, Keaney JF, Welch GN, and Loscalzo J. Inhibition of neointimal proliferation in rabbits after vascular injury by a single treatment with a protein adduct of nitric oxide. <i>J Clin Invest</i> 96: 2630–2638, 1995.	149	9.93
17. Loscalzo J. Homocysteine trials—clear outcomes for complex reasons. <i>N Engl J Med</i> 354: 1629–1632, 2006.	129	25.80
18. Stamler JS, Simon DI, Jaraki O, Osborne JA, Francis S, Mullins M, Singel D, and Loscalzo J. S-nitrosylation of tissue-type plasminogen activator confers vasodilatory and antiplatelet properties on the enzyme. <i>Proc Natl Acad Sci USA</i> 89: 8087–8091, 1992.	122	6.42
19. Zai A, Rudd MA, Scribner AW, and Loscalzo J. Cell-surface protein disulfide isomerase catalyzes transnitrosation and regulates intracellular transfer of nitric oxide. <i>J Clin Invest</i> 103: 393–399, 1999.	121	10.08
20. Mendelsohn ME, Oneill S, George D, and Loscalzo J. Inhibition of fibrinogen binding to human platelets by S-nitroso-N-acetylcysteine. <i>J Biol Chem</i> 265: 19028–19034, 1990.	109	5.19
21. Weiss N, Zhang YY, Heydrick S, Bierl C, and Loscalzo J. Overexpression of cellular glutathione peroxidase rescues homocyst(e)ine-induced endothelial dysfunction. <i>Proc Natl Acad Sci USA</i> 98: 12503–12508, 2001.	105	10.50
22. Stamler JS and Loscalzo J. Capillary zone electrophoretic detection of biological thiols and their S-nitrosated derivatives. <i>Anal Chem</i> 64: 779–785, 1992.	101	5.32

^aCurrent as of March 23, 2010.