Edward S Moreira

List of Publications by Year
in descending order

35 papers	921 citations	516710 16 h-index	454955 30 g-index
46 all docs	46 docs citations	46 times ranked	1284 citing authors

#	Article	IF	Citations
1	Chemiluminescent Detection of Oxidants in Vascular Tissue. Circulation Research, 1999, 84, 1203-1211.	4.5	156
2	Vitamin B₁₂ and Redox Homeostasis: Cob(II)alamin Reacts with Superoxide at Rates Approaching Superoxide Dismutase (SOD). Journal of the American Chemical Society, 2009, 131, 15078-15079.	13.7	100
3	Vitamin B12 protects against superoxide-induced cell injury in human aortic endothelial cells. Free Radical Biology and Medicine, 2011, 51, 876-883.	2.9	83
4	Shapeâ€Dependent Targeting of Injured Blood Vessels by Peptide Amphiphile Supramolecular Nanostructures. Small, 2015, 11, 2750-2755.	10.0	81
5	Tissue-Factor Targeted Peptide Amphiphile Nanofibers as an Injectable Therapy To Control Hemorrhage. ACS Nano, 2016, 10, 899-909.	14.6	72
6	Accurate assessment and identification of naturally occurring cellular cobalamins. Clinical Chemistry and Laboratory Medicine, 2008, 46, 1739-46.	2.3	50
7	Targeted Nitric Oxide Delivery by Supramolecular Nanofibers for the Prevention of Restenosis After Arterial Injury. Antioxidants and Redox Signaling, 2016, 24, 401-418.	5.4	50
8	Cinnamic aldehyde inhibits vascular smooth muscle cell proliferation and neointimal hyperplasia in Zucker Diabetic Fatty rats. Redox Biology, 2018, 19, 166-178.	9.0	30
9	Atheroma Nicheâ€Responsive Nanocarriers for Immunotherapeutic Delivery. Advanced Healthcare Materials, 2019, 8, e1801545.	7.6	26
10	Diabetic Vasculopathy: Macro and Microvascular Injury. Current Pathobiology Reports, 2020, 8, 1-14.	3.4	25
11	Nitric oxide inhibits neointimal hyperplasia following vascular injury via differential, cell-specific modulation of SOD-1 in the arterial wall. Nitric Oxide - Biology and Chemistry, 2015, 44, 8-17.	2.7	24
12	Oral high dose vitamin B12 decreases renal superoxide and post-ischemia/reperfusion injury in mice. Redox Biology, 2020, 32, 101504.	9.0	23
13	Macrophage-Produced Peroxynitrite Induces Antibiotic Tolerance and Supersedes Intrinsic Mechanisms of Persister Formation. Infection and Immunity, 2021, 89, e0028621.	2.2	23
14	Allyship in Surgical Residents: Evidence for LGBTQ Competency Training in Surgical Education. Journal of Surgical Research, 2021, 260, 169-176.	1.6	22
15	Sex-based differential regulation of oxidative stress in the vasculature by nitric oxide. Redox Biology, 2015, 4, 226-233.	9.0	19
16	Light sheet fluorescence microscopy as a new method for unbiased three-dimensional analysis of vascular injury. Cardiovascular Research, 2021, 117, 520-532.	3.8	18
17	Nitric oxide delivery via a permeable balloon catheter inhibits neointimal growth after arterial injury. Journal of Surgical Research, 2013, 180, 35-42.	1.6	17
18	Inhibiting intimal hyperplasia in prosthetic vascular grafts via immobilized all-trans retinoic acid. Journal of Controlled Release, 2018, 274, 69-80.	9.9	16

#	Article	IF	Citations
19	Antioxidants modulate the antiproliferative effects of nitric oxide on vascular smooth muscle cells and adventitial fibroblasts by regulating oxidative stress. American Journal of Surgery, 2011, 202, 536-540.	1.8	11
20	Engulfment and cell motility protein 1 potentiates diabetic cardiomyopathy via Rac-dependent and Rac-independent ROS production. JCI Insight, 2019, 4, .	5.0	11
21	Cannabis sativa extracts protect LDL from Cu2+-mediated oxidation. Journal of Cannabis Research, 2020, 2, .	3.2	9
22	Insights on Localized and Systemic Delivery of Redox-Based Therapeutics. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-23.	4.0	8
23	Nanotherapies for Treatment of Cardiovascular Disease: a Case for Antioxidant Targeted Delivery. Current Pathobiology Reports, 2019, 7, 47-60.	3.4	8
24	Long-term effect of PROLI/NO on cellular proliferation and phenotype after arterial injury. Free Radical Biology and Medicine, 2016, 90, 272-286.	2.9	7
25	Pharmacokinetics and biodistribution of a collagenâ€targeted peptide amphiphile for cardiovascular applications. Pharmacology Research and Perspectives, 2020, 8, e00672.	2.4	7
26	The Use of Acute Immunosuppressive Therapy to Improve Antibiotic Efficacy against Intracellular Staphylococcus aureus. Microbiology Spectrum, 2022, 10, e0085822.	3.0	6
27	Periadventitial adipose tissue modulates the effect of PROLI/NO on neointimal hyperplasia. Journal of Surgical Research, 2016, 205, 440-445.	1.6	4
28	Delivery of Cinnamic Aldehyde Antioxidant Response Activating nanoParticles (ARAPas) for Vascular Applications. Antioxidants, 2021, 10, 709.	5.1	3
29	A Rat Carotid Artery Pressure-Controlled Segmental Balloon Injury with Periadventitial Therapeutic Application. Journal of Visualized Experiments, 2020, , .	0.3	3
30	Antioxidant Response Activating nanoParticles (ARAPas) localize to atherosclerotic plaque and locally activate the Nrf2 pathway. Biomaterials Science, 2022, 10, 1231-1247.	5.4	3
31	Longitudinal In Vivo Imaging of Atherosclerotic Disease Development in The apoE Deficient Zucker Rat. FASEB Journal, 2020, 34, 1-1.	0.5	1
32	Vitamin B12 does not increase cell viability after hydrogen peroxide induced damage in mouse kidney proximal tubular cells and brain endothelial cells. Advances in Redox Research, 2022, 4, 100029.	2.1	1
33	Local and Targeted Redox Therapies for the Vasculature. Free Radical Biology and Medicine, 2018, 128, S17.	2.9	0
34	Peroxynitrite Induces Antibiotic Tolerance in Staphylococcus aureus. Free Radical Biology and Medicine, 2020, 159, S38-S39.	2.9	0
35	We ARE different after all: Diabetic, obese and atherosclerotic rats have sexâ€specific disease progression. FASEB Journal, 2019, 33, 120.10.	0.5	0