

Nader G Abraham

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

124
papers

5,958
citations

44
h-index

74
g-index

138
ext. papers

6,560
ext. citations

5.3
avg, IF

5.77
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 124 | The pivotal role of heme Oxygenase-1 in reversing the pathophysiology and systemic complications of NAFLD. <i>Archives of Biochemistry and Biophysics</i> , 2021 , 697, 108679 | 4.1 | 6 |
| 123 | Heme-oxygenase and lipid mediators in obesity and associated cardiometabolic diseases: Therapeutic implications. <i>Pharmacology & Therapeutics</i> , 2021 , 107975 | 13.9 | 4 |
| 122 | Therapeutic approaches to diabetic cardiomyopathy: Targeting the antioxidant pathway. <i>Prostaglandins and Other Lipid Mediators</i> , 2020 , 150, 106454 | 3.7 | 4 |
| 121 | Cold-Pressed Oil Standardized to 3% Thymoquinone Potentiates Omega-3 Protection against Obesity-Induced Oxidative Stress, Inflammation, and Markers of Insulin Resistance Accompanied with Conversion of White to Beige Fat in Mice. <i>Antioxidants</i> , 2020 , 9, | 7.1 | 14 |
| 120 | Central Role for Adipocyte Na,K-ATPase Oxidant Amplification Loop in the Pathogenesis of Experimental Uremic Cardiomyopathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2020 , 31, 1746-1760 | 12.7 | 9 |
| 119 | Targeting the Heme-Heme Oxygenase System to Prevent Severe Complications Following COVID-19 Infections. <i>Antioxidants</i> , 2020 , 9, | 7.1 | 37 |
| 118 | The Peroxisome Proliferator-Activated Receptor-Gamma Coactivator-1 β -Heme Oxygenase 1 Axis, a Powerful Antioxidative Pathway with Potential to Attenuate Diabetic Cardiomyopathy. <i>Antioxidants and Redox Signaling</i> , 2020 , 32, 1273-1290 | 8.4 | 6 |
| 117 | Pathophysiology of chronic peripheral ischemia: new perspectives. <i>Therapeutic Advances in Chronic Disease</i> , 2020 , 11, 2040622319894466 | 4.9 | 6 |
| 116 | Adipocyte Specific HO-1 Gene Therapy is Effective in Antioxidant Treatment of Insulin Resistance and Vascular Function in an Obese Mice Model. <i>Antioxidants</i> , 2020 , 9, | 7.1 | 16 |
| 115 | Heme Oxygenase-1 Upregulation: A Novel Approach in the Treatment of Cardiovascular Disease. <i>Antioxidants and Redox Signaling</i> , 2020 , 32, 1045-1060 | 8.4 | 8 |
| 114 | Milk thistle seed cold press oil attenuates markers of the metabolic syndrome in a mouse model of dietary-induced obesity. <i>Journal of Food Biochemistry</i> , 2020 , 44, e13522 | 3.3 | 7 |
| 113 | The Pivotal Role of Adipocyte-Na K peptide in Reversing Systemic Inflammation in Obesity and COVID-19 in the Development of Heart Failure. <i>Antioxidants</i> , 2020 , 9, | 7.1 | 3 |
| 112 | OX-HDL: A Starring Role in Cardiorenal Syndrome and the Effects of Heme Oxygenase-1 Intervention. <i>Diagnostics</i> , 2020 , 10, | 3.8 | 5 |
| 111 | Can charcoal improve outcomes in COVID-19 infections?. <i>Medical Hypotheses</i> , 2020 , 144, 110176 | 3.8 | 1 |
| 110 | Genetic Polymorphisms Complicate COVID-19 Therapy: Pivotal Role of HO-1 in Cytokine Storm. <i>Antioxidants</i> , 2020 , 9, | 7.1 | 26 |
| 109 | Cold Press Pomegranate Seed Oil Attenuates Dietary-Obesity Induced Hepatic Steatosis and Fibrosis through Antioxidant and Mitochondrial Pathways in Obese Mice. <i>International Journal of Molecular Sciences</i> , 2020 , 21, | 6.3 | 19 |
| 108 | Oxidant-Induced Alterations in the Adipocyte Transcriptome: Role of the Na,K-ATPase Oxidant Amplification Loop. <i>International Journal of Molecular Sciences</i> , 2020 , 21, | 6.3 | 2 |

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| 107 | Relationship between dietary sodium and sugar intake: A cross-sectional study of the National Health and Nutrition Examination Survey 2001-2016. <i>Journal of Clinical Hypertension</i> , 2020 , 22, 1694-1702 ^{2,3} | 4 |
| 106 | Cardioprotective Heme Oxygenase-1-PGC1 β Signaling in Epicardial Fat Attenuates Cardiovascular Risk in Humans as in Obese Mice. <i>Obesity</i> , 2019 , 27, 1634-1643 | 8 20 |
| 105 | Positive Effects of Heme Oxygenase Upregulation on Adiposity and Vascular Dysfunction: Gene Targeting vs. Pharmacologic Therapy. <i>International Journal of Molecular Sciences</i> , 2019 , 20, | 6.3 19 |
| 104 | Targeting Heme Oxygenase-1 in Cardiovascular and Kidney Disease. <i>Antioxidants</i> , 2019 , 8, | 7.1 14 |
| 103 | The Adipocyte Na/K-ATPase Oxidant Amplification Loop is the Central Regulator of Western Diet-Induced Obesity and Associated Comorbidities. <i>Scientific Reports</i> , 2019 , 9, 7927 | 4.9 12 |
| 102 | Epoxyeicosatrienoic intervention improves NAFLD in leptin receptor deficient mice by an increase in PGC1 β -HO-1-PGC1 β mitochondrial signaling. <i>Experimental Cell Research</i> , 2019 , 380, 180-187 | 4.2 28 |
| 101 | HO-1 overexpression and underexpression: Clinical implications. <i>Archives of Biochemistry and Biophysics</i> , 2019 , 673, 108073 | 4.1 63 |
| 100 | Beneficial Role of HO-1-SIRT1 Axis in Attenuating Angiotensin II-Induced Adipocyte Dysfunction. <i>International Journal of Molecular Sciences</i> , 2019 , 20, | 6.3 9 |
| 99 | Oxidized HDL, Adipokines, and Endothelial Dysfunction: A Potential Biomarker Profile for Cardiovascular Risk in Women with Obesity. <i>Obesity</i> , 2019 , 27, 87-93 | 8 23 |
| 98 | Development of NASH in Obese Mice is Confounded by Adipose Tissue Increase in Inflammatory NOV and Oxidative Stress. <i>International Journal of Hepatology</i> , 2018 , 2018, 3484107 | 2.7 27 |
| 97 | Kavain Reduces Induced Adipocyte Inflammation: Role of PGC-1 β Signaling. <i>Journal of Immunology</i> , 2018 , 201, 1491-1499 | 5.3 11 |
| 96 | Ablation of soluble epoxide hydrolase reprogram white fat to beige-like fat through an increase in mitochondrial integrity, HO-1-adiponectin in vitro and in vivo. <i>Prostaglandins and Other Lipid Mediators</i> , 2018 , 138, 1-8 | 3.7 21 |
| 95 | Regulation of diabetic cardiomyopathy by caloric restriction is mediated by intracellular signaling pathways involving SIRT1 and PGC-1 β . <i>Cardiovascular Diabetology</i> , 2018 , 17, 111 | 8.7 82 |
| 94 | EET-agonist Prevents and Reverses Heart Failure in Obesity Induced Diabetic Cardiomyopathy. <i>FASEB Journal</i> , 2018 , 32, 561.7 | 0.9 |
| 93 | EET Enhances Renal Function in Obese Mice Resulting in Restoration of Mfn1/2 Signaling and a Decrease in Hypertension Through Inhibition of Sodium Chloride Co-Transporter. <i>FASEB Journal</i> , 2018 , 32, 561.13 | 0.9 |
| 92 | PARP-1 inhibition protects the diabetic heart through activation of SIRT1-PGC-1 β axis. <i>Experimental Cell Research</i> , 2018 , 373, 112-118 | 4.2 31 |
| 91 | EET enhances renal function in obese mice resulting in restoration of HO-1-Mfn1/2 signaling, and decrease in hypertension through inhibition of sodium chloride co-transporter. <i>Prostaglandins and Other Lipid Mediators</i> , 2018 , 137, 30-39 | 3.7 12 |
| 90 | The Na/K-ATPase Oxidant Amplification Loop Regulates Aging. <i>Scientific Reports</i> , 2018 , 8, 9721 | 4.9 24 |

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| 89 | EET intervention on Wnt1, NOV, and HO-1 signaling prevents obesity-induced cardiomyopathy in obese mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017 , 313, H368-H380 | 5.2 | 48 |
| 88 | pNaKtide Attenuates Steatohepatitis and Atherosclerosis by Blocking Na/K-ATPase/ROS Amplification in C57Bl6 and ApoE Knockout Mice Fed a Western Diet. <i>Scientific Reports</i> , 2017 , 7, 193 | 4.9 | 34 |
| 87 | Existence of a Strong Correlation of Biomarkers and miRNA in Females with Metabolic Syndrome and Obesity in a Population of West Virginia. <i>International Journal of Medical Sciences</i> , 2017 , 14, 543-553 | 3.7 | 19 |
| 86 | The association of NOV/CCN3 with obstructive sleep apnea (OSA): preliminary evidence of a novel biomarker in OSA. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2017 , 31, | 1.3 | 9 |
| 85 | Ablation of adipose-HO-1 expression increases white fat over beige fat through inhibition of mitochondrial fusion and of PGC1 α in female mice. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2017 , 31, | 1.3 | 18 |
| 84 | Caloric restriction ameliorates cardiomyopathy in animal model of diabetes. <i>Experimental Cell Research</i> , 2017 , 350, 147-153 | 4.2 | 17 |
| 83 | Epoxyeicosatrienoic Acid as Therapy for Diabetic and Ischemic Cardiomyopathy. <i>Trends in Pharmacological Sciences</i> , 2016 , 37, 945-962 | 13.2 | 30 |
| 82 | PGC-1 alpha regulates HO-1 expression, mitochondrial dynamics and biogenesis: Role of epoxyeicosatrienoic acid. <i>Prostaglandins and Other Lipid Mediators</i> , 2016 , 125, 8-18 | 3.7 | 70 |
| 81 | Attenuation of Na/K-ATPase Mediated Oxidant Amplification with pNaKtide Ameliorates Experimental Uremic Cardiomyopathy. <i>Scientific Reports</i> , 2016 , 6, 34592 | 4.9 | 43 |
| 80 | Translational Significance of Heme Oxygenase in Obesity and Metabolic Syndrome. <i>Trends in Pharmacological Sciences</i> , 2016 , 37, 17-36 | 13.2 | 91 |
| 79 | Oxidized HDL and Isoprostane Exert a Potent Adipogenic Effect on Stem Cells: Where in the Lineage? 2016 , 2, | | 6 |
| 78 | Downregulation of PGC-1 Prevents the Beneficial Effect of EET-Heme Oxygenase-1 on Mitochondrial Integrity and Associated Metabolic Function in Obese Mice. <i>Journal of Nutrition and Metabolism</i> , 2016 , 2016, 9039754 | 2.7 | 28 |
| 77 | Uric Acid-Induced Adipocyte Dysfunction Is Attenuated by HO-1 Upregulation: Potential Role of Antioxidant Therapy to Target Obesity. <i>Stem Cells International</i> , 2016 , 2016, 8197325 | 5 | 12 |
| 76 | Epoxyeicosatrienoic Acids Regulate Adipocyte Differentiation of Mouse 3T3 Cells, Via PGC-1 α Activation, Which Is Required for HO-1 Expression and Increased Mitochondrial Function. <i>Stem Cells and Development</i> , 2016 , 25, 1084-94 | 4.4 | 53 |
| 75 | Oxidized HDL is a potent inducer of adipogenesis and causes activation of the Ang-II and 20-HETE systems in human obese females. <i>Prostaglandins and Other Lipid Mediators</i> , 2016 , 123, 68-77 | 3.7 | 27 |
| 74 | Soluble epoxide hydrolase null mice exhibit female and male differences in regulation of vascular homeostasis. <i>Prostaglandins and Other Lipid Mediators</i> , 2015 , 120, 139-47 | 3.7 | 16 |
| 73 | Agonists of epoxyeicosatrienoic acids reduce infarct size and ameliorate cardiac dysfunction via activation of HO-1 and Wnt1 canonical pathway. <i>Prostaglandins and Other Lipid Mediators</i> , 2015 , 116-117, 76-86 | 3.7 | 34 |
| 72 | Heme oxygenase-2 deletion impairs macrophage function: implication in wound healing. <i>FASEB Journal</i> , 2015 , 29, 105-15 | 0.9 | 26 |

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|----|---|------|----|
| 71 | pNaKtide inhibits Na/K-ATPase reactive oxygen species amplification and attenuates adipogenesis. <i>Science Advances</i> , 2015 , 1, e1500781 | 14.3 | 59 |
| 70 | Fructose Mediated Non-Alcoholic Fatty Liver Is Attenuated by HO-1-SIRT1 Module in Murine Hepatocytes and Mice Fed a High Fructose Diet. <i>PLoS ONE</i> , 2015 , 10, e0128648 | 3.7 | 55 |
| 69 | Characterization of Diabetic Cardiomyopathy: A Role for KDAC Activity. <i>FASEB Journal</i> , 2015 , 29, LB557 | 0.9 | |
| 68 | CYP2J2 targeting to endothelial cells attenuates adiposity and vascular dysfunction in mice fed a high-fat diet by reprogramming adipocyte phenotype. <i>Hypertension</i> , 2014 , 64, 1352-61 | 8.5 | 56 |
| 67 | Increased HO-1 levels ameliorate fatty liver development through a reduction of heme and recruitment of FGF21. <i>Obesity</i> , 2014 , 22, 705-12 | 8 | 78 |
| 66 | HO-1 Upregulation Attenuates Adipocyte Dysfunction, Obesity, and Isoprostane Levels in Mice Fed High Fructose Diets. <i>Journal of Nutrition and Metabolism</i> , 2014 , 2014, 980547 | 2.7 | 24 |
| 65 | Increased heme-oxygenase 1 expression in mesenchymal stem cell-derived adipocytes decreases differentiation and lipid accumulation via upregulation of the canonical Wnt signaling cascade. <i>Stem Cell Research and Therapy</i> , 2013 , 4, 28 | 8.3 | 76 |
| 64 | Involvement of reactive oxygen species in a feed-forward mechanism of Na/K-ATPase-mediated signaling transduction. <i>Journal of Biological Chemistry</i> , 2013 , 288, 34249-34258 | 5.4 | 65 |
| 63 | Antioxidants condition pleiotropic vascular responses to exogenous H ₂ O ₂ : role of modulation of vascular TP receptors and the heme oxygenase system. <i>Antioxidants and Redox Signaling</i> , 2013 , 18, 471-80 | 8.4 | 10 |
| 62 | Heme oxygenase-2/adiponectin protein-protein interaction in metabolic syndrome. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 432, 606-11 | 3.4 | 13 |
| 61 | Cyclooxygenase-2 dependent metabolism of 20-HETE increases adiposity and adipocyte enlargement in mesenchymal stem cell-derived adipocytes. <i>Journal of Lipid Research</i> , 2013 , 54, 786-793 | 6.3 | 42 |
| 60 | HO-1 induction improves the type-1 cardiorenal syndrome in mice with impaired angiotensin II-induced lymphocyte activation. <i>Hypertension</i> , 2013 , 62, 310-6 | 8.5 | 15 |
| 59 | High-fat diet exacerbates renal dysfunction in SHR: reversal by induction of HO-1-adiponectin axis. <i>Obesity</i> , 2012 , 20, 945-53 | 8 | 25 |
| 58 | EET agonist prevents adiposity and vascular dysfunction in rats fed a high fat diet via a decrease in Bach 1 and an increase in HO-1 levels. <i>Prostaglandins and Other Lipid Mediators</i> , 2012 , 98, 133-42 | 3.7 | 51 |
| 57 | Heme induced oxidative stress attenuates sirtuin1 and enhances adipogenesis in mesenchymal stem cells and mouse pre-adipocytes. <i>Journal of Cellular Biochemistry</i> , 2012 , 113, 1926-35 | 4.7 | 49 |
| 56 | Heme oxygenase gene targeting to adipocytes attenuates adiposity and vascular dysfunction in mice fed a high-fat diet. <i>Hypertension</i> , 2012 , 60, 467-75 | 8.5 | 79 |
| 55 | Heme oxygenase (HO-1) rescue of adipocyte dysfunction in HO-2 deficient mice via recruitment of epoxyeicosatrienoic acids (EETs) and adiponectin. <i>Cellular Physiology and Biochemistry</i> , 2012 , 29, 99-110 | 3.9 | 36 |
| 54 | Crosstalk between EET and HO-1 downregulates Bach1 and adipogenic marker expression in mesenchymal stem cell derived adipocytes. <i>Prostaglandins and Other Lipid Mediators</i> , 2011 , 96, 54-62 | 3.7 | 66 |

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| 53 | Lentiviral-human heme oxygenase targeting endothelium improved vascular function in angiotensin II animal model of hypertension. <i>Human Gene Therapy</i> , 2011 , 22, 271-82 | 4.8 | 44 |
| 52 | Adipocyte heme oxygenase-1 induction attenuates metabolic syndrome in both male and female obese mice. <i>Hypertension</i> , 2010 , 56, 1124-30 | 8.5 | 96 |
| 51 | Epoxyeicosatrienoic acid agonist regulates human mesenchymal stem cell-derived adipocytes through activation of HO-1-pAKT signaling and a decrease in PPAR α <i>Stem Cells and Development</i> , 2010 , 19, 1863-73 | 4.4 | 86 |
| 50 | HO-1 expression increases mesenchymal stem cell-derived osteoblasts but decreases adipocyte lineage. <i>Bone</i> , 2010 , 46, 236-43 | 4.7 | 97 |
| 49 | Apolipoprotein Mimetic Peptide (L-4F) Regulation of Adiposity via Increases in Estradiol/Testosterone Ratio in Obese Female Mice. <i>FASEB Journal</i> , 2010 , 24, 588.5 | 0.9 | |
| 48 | L-4F Rescues the Metabolic Syndrome Phenotype of HO-2 Null Mice via Insulin, Adiponectin, & LKB1 Signaling Pathways. <i>FASEB Journal</i> , 2010 , 24, 570.2 | 0.9 | |
| 47 | L-4F Improves Metabolic Syndrome Phenotype in HO-2 Null Mice by Decreasing NF κ B Activity & Increasing Adiponectin Levels. <i>FASEB Journal</i> , 2010 , 24, 1035.5 | 0.9 | |
| 46 | Heme oxygenase-1 induction remodels adipose tissue and improves insulin sensitivity in obesity-induced diabetic rats. <i>Hypertension</i> , 2009 , 53, 508-15 | 8.5 | 144 |
| 45 | Heme oxygenase: the key to renal function regulation. <i>American Journal of Physiology - Renal Physiology</i> , 2009 , 297, F1137-52 | 4.3 | 78 |
| 44 | Heme Oxygenase-1 Induction Modulates Hypoxic Pulmonary Vasoconstriction through Upregulation of ecSOD. <i>FASEB Journal</i> , 2009 , 23, 1002.9 | 0.9 | |
| 43 | Bone marrow stem cell transplant into intra-bone cavity prevents type 2 diabetes: role of heme oxygenase-adiponectin. <i>Journal of Autoimmunity</i> , 2008 , 30, 128-35 | 15.5 | 46 |
| 42 | Treatment of obese diabetic mice with a heme oxygenase inducer reduces visceral and subcutaneous adiposity, increases adiponectin levels, and improves insulin sensitivity and glucose tolerance. <i>Diabetes</i> , 2008 , 57, 1526-35 | 0.9 | 268 |
| 41 | L-4F treatment reduces adiposity, increases adiponectin levels, and improves insulin sensitivity in obese mice. <i>Journal of Lipid Research</i> , 2008 , 49, 1658-69 | 6.3 | 129 |
| 40 | Heme oxygenase-mediated increases in adiponectin decrease fat content and inflammatory cytokines tumor necrosis factor-alpha and interleukin-6 in Zucker rats and reduce adipogenesis in human mesenchymal stem cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008 , 325, 833-40 | 4.7 | 114 |
| 39 | Pharmacological and clinical aspects of heme oxygenase. <i>Pharmacological Reviews</i> , 2008 , 60, 79-127 | 22.5 | 903 |
| 38 | The Essential Role of the L4F-Adiponectin Regulatory Axis: Leading to Improvements in the Metabolic Profile of Diabetes Mellitus. <i>FASEB Journal</i> , 2008 , 22, 1226.43 | 0.9 | 1 |
| 37 | Treatment of Obese Diabetic Mice with an Heme Oxygenase Inducer Reduces Visceral and Abdominal Adiposity, Increases Adiponectin Levels and Improves Insulin Sensitivity and Glucose Tolerance. <i>FASEB Journal</i> , 2008 , 22, 642-642 | 0.9 | |
| 36 | 11,12-epoxyeicosatrienoic acid stimulates heme-oxygenase-1 in endothelial cells. <i>Prostaglandins and Other Lipid Mediators</i> , 2007 , 82, 155-61 | 3.7 | 40 |

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|----|--|------|-----|
| 35 | Long-term treatment with the apolipoprotein A1 mimetic peptide increases antioxidants and vascular repair in type I diabetic rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007 , 322, 514-20 | 4.7 | 79 |
| 34 | Heme oxygenase -1 gene therapy: recent advances and therapeutic applications. <i>Current Gene Therapy</i> , 2007 , 7, 89-108 | 4.3 | 80 |
| 33 | Rat mesenteric arterial dilator response to 11,12-epoxyeicosatrienoic acid is mediated by activating heme oxygenase. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006 , 291, H1999-2002 | 5.2 | 48 |
| 32 | Up-regulation of heme oxygenase provides vascular protection in an animal model of diabetes through its antioxidant and antiapoptotic effects. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 319, 1144-52 | 4.7 | 100 |
| 31 | Heme oxygenase-1 enhances renal mitochondrial transport carriers and cytochrome C oxidase activity in experimental diabetes. <i>Journal of Biological Chemistry</i> , 2006 , 281, 15687-93 | 5.4 | 93 |
| 30 | Heme oxygenase and the cardiovascular-renal system. <i>Free Radical Biology and Medicine</i> , 2005 , 39, 1-25 | 7.8 | 280 |
| 29 | Role of the heme oxygenases in abnormalities of the mesenteric circulation in cirrhotic rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004 , 308, 636-43 | 4.7 | 27 |
| 28 | Overexpression of human heme oxygenase-1 attenuates endothelial cell sloughing in experimental diabetes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004 , 287, H2468-77 | 5.2 | 91 |
| 27 | Heme oxygenase-1 gene expression modulates angiotensin II-induced increase in blood pressure. <i>Hypertension</i> , 2004 , 43, 1221-6 | 8.5 | 84 |
| 26 | Heme oxygenase-1 attenuates glucose-mediated cell growth arrest and apoptosis in human microvessel endothelial cells. <i>Circulation Research</i> , 2003 , 93, 507-14 | 15.7 | 130 |
| 25 | Methods for measurements of heme oxygenase (HO) isoforms-mediated synthesis of carbon monoxide and HO-1 and HO-2 proteins. <i>Methods in Molecular Medicine</i> , 2003 , 86, 399-411 | | 11 |
| 24 | Functional expression of human heme oxygenase-1 gene in renal structure of spontaneously hypertensive rats. <i>Experimental Biology and Medicine</i> , 2003 , 228, 454-8 | 3.7 | 11 |
| 23 | Therapeutic applications of human heme oxygenase gene transfer and gene therapy. <i>Current Pharmaceutical Design</i> , 2003 , 9, 2513-24 | 3.3 | 37 |
| 22 | Cyclooxygenase activity is regulated by the heme oxygenase system in microvessel endothelial cells. <i>Advances in Experimental Medicine and Biology</i> , 2003 , 525, 59-66 | 3.6 | 2 |
| 21 | Modulation of cGMP by human HO-1 retrovirus gene transfer in pulmonary microvessel endothelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2002 , 283, L1117-24 | 5.8 | 30 |
| 20 | Functional expression of human heme oxygenase-1 (HO-1) driven by HO-1 promoter in vitro and in vivo. <i>Journal of Cellular Biochemistry</i> , 2002 , 85, 410-421 | 4.7 | 17 |
| 19 | Protective effect of HO-1 against oxidative stress in human hepatoma cell line (HepG2) is independent of telomerase enzyme activity. <i>International Journal of Biochemistry and Cell Biology</i> , 2002 , 34, 1619-28 | 5.6 | 54 |
| 18 | Vasoregulatory function of the heme-heme oxygenase-carbon monoxide system. <i>American Journal of Hypertension</i> , 2001 , 14, 62S-67S | 2.3 | 53 |

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|----|--|------|-----|
| 17 | Carbon monoxide produced by isolated arterioles attenuates pressure-induced vasoconstriction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001 , 281, H350-8 | 5.2 | 69 |
| 16 | Promotive Effects of a Silk Film on Epidermal Recovery from Full-Thickness Skin Wounds. <i>Proceedings of the Society for Experimental Biology and Medicine</i> , 2000 , 225, 58-64 | | 3 |
| 15 | Retrovirus-mediated HO gene transfer into endothelial cells protects against oxidant-induced injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1999 , 277, L127-33 | 5.8 | 35 |
| 14 | Heme oxygenase-1 gene expression as a stress index to ocular irritation. <i>Current Eye Research</i> , 1999 , 19, 115-22 | 2.9 | 9 |
| 13 | Gene transfer of human heme oxygenase into coronary endothelial cells potentially promotes angiogenesis. <i>Journal of Cellular Biochemistry</i> , 1998 , 68, 121-7 | 4.7 | 194 |
| 12 | Enzymatic Activity and Expression of Cytochrome P450 LA α within Intrasplenically Transplanted Fetal Hepatocytes in Spontaneously Hypertensive Rats. <i>Cell Transplantation</i> , 1997 , 6, 531-534 | 4 | 2 |
| 11 | Expression and Inducibility of Cytochrome P450 Iia Family within Intrasplenically Transplanted Fetal Hepatocytes. <i>Cell Transplantation</i> , 1996 , 5, 117-122 | 4 | 9 |
| 10 | A heme oxygenase product, presumably carbon monoxide, mediates a vasodepressor function in rats. <i>Hypertension</i> , 1995 , 25, 166-9 | 8.5 | 145 |
| 9 | Elevated levels of heme oxygenase-1 activity and mRNA in peripheral blood adherent cells of acquired immunodeficiency syndrome patients. <i>American Journal of Hematology</i> , 1993 , 43, 19-23 | 7.1 | 23 |
| 8 | Synergistic effect of heme and IL-1 on hematopoietic stromal regeneration after radiation. <i>American Journal of Hematology</i> , 1993 , 44, 172-8 | 7.1 | 8 |
| 7 | Coexpression of erythropoietin and heme oxygenase genes in Hep3B cells. <i>Hepatology</i> , 1993 , 17, 861-868 | 8.2 | 4 |
| 6 | Effect of acute and chronic treatment of tin on blood pressure in spontaneously hypertensive rats. <i>Tohoku Journal of Experimental Medicine</i> , 1992 , 166, 85-91 | 2.4 | 14 |
| 5 | The renal cytochrome P-450 arachidonic acid system. <i>Pediatric Nephrology</i> , 1992 , 6, 490-8 | 3.2 | 25 |
| 4 | Comparative effect of heme analogues on hematopoiesis in lymphoproliferative disorders. <i>Leukemia and Lymphoma</i> , 1991 , 5, 179-85 | 1.9 | 5 |
| 3 | Regulation of heme oxygenase gene expression by cobalt in rat liver and kidney. <i>FEBS Journal</i> , 1990 , 192, 577-82 | | 50 |
| 2 | Sensitivity of human tissue heme oxygenase to a new synthetic metalloporphyrin. <i>Hepatology</i> , 1989 , 10, 365-9 | 11.2 | 63 |
| 1 | Cytochrome P450, drug metabolizing enzymes and arachidonic acid metabolism in bovine ocular tissues. <i>Current Eye Research</i> , 1987 , 6, 623-30 | 2.9 | 65 |