

Philip A Marsden

List of Publications by Year in descending order

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110
papers

7,667
citations

44069

48
h-index

51608

86
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110
all docs

110
docs citations

110
times ranked

8955
citing authors

#	ARTICLE	IF	CITATIONS
1	In Vivo Function of Flow-Responsive Cis-DNA Elements of eNOS Gene: A Role for Chromatin-Based Mechanisms. <i>Circulation</i> , 2021, 144, 365-381.	1.6	8
2	Epigenetic Regulation of the Vascular Endothelium by Angiogenic LncRNAs. <i>Frontiers in Genetics</i> , 2021, 12, 668313.	2.3	4
3	Mesenchymal stromal/stem cells modulate response to experimental sepsis-induced lung injury via regulation of miR-27a-5p in recipient mice. <i>Thorax</i> , 2020, 75, 556-567.	5.6	17
4	Epigenetic Heterogeneity and Mitotic Heritability Prime Endothelial Cell Gene Induction. <i>Journal of Immunology</i> , 2020, 204, 1173-1187.	0.8	12
5	Epigenetic Determinants of Flow-Mediated Vascular Endothelial Gene Expression. <i>Hypertension</i> , 2019, 74, 467-476.	2.7	19
6	LncRNAs and epigenetic regulation of vascular endothelium: genome positioning system and regulators of chromatin modifiers. <i>Current Opinion in Pharmacology</i> , 2019, 45, 72-80.	3.5	15
7	Angiogenic patterning by STEEL, an endothelial-enriched long noncoding RNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 2401-2406.	7.1	75
8	Histone acetyltransferase 7 (KAT7)-dependent intragenic histone acetylation regulates endothelial cell gene regulation. <i>Journal of Biological Chemistry</i> , 2018, 293, 4381-4402.	3.4	31
9	Gene Expression Analysis of Endothelial Cells Exposed to Shear Stress Using Multiple Parallel-plate Flow Chambers. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	1
10	c-Myb regulates transcriptional activation of miR-143/145 in vascular smooth muscle cells. <i>PLoS ONE</i> , 2018, 13, e0202778.	2.5	9
11	Epigenetic determinants of cardiovascular gene expression: vascular endothelium. <i>Epigenomics</i> , 2016, 8, 959-979.	2.1	13
12	A role of stochastic phenotype switching in generating mosaic endothelial cell heterogeneity. <i>Nature Communications</i> , 2016, 7, 10160.	12.8	81
13	Robust effects of genetic background on responses to subarachnoid hemorrhage in mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1942-1954.	4.3	13
14	Posttranscriptional adaptations of the vascular endothelium to hypoxia. <i>Current Opinion in Hematology</i> , 2015, 22, 243-251.	2.5	0
15	Epigenetics in the Vascular Endothelium. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 2297-2306.	2.4	48
16	SDF-1/CXCR4 Signaling Preserves Microvascular Integrity and Renal Function in Chronic Kidney Disease. <i>PLoS ONE</i> , 2014, 9, e92227.	2.5	39
17	Epigenetics of Cardiovascular Disease: A New 'Beat' in Coronary Artery Disease. <i>Medical Epigenetics</i> , 2014, 2, 37-52.	262.3	36
18	Differential HIF and NOS responses to acute anemia: defining organ-specific hemoglobin thresholds for tissue hypoxia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 307, R13-R25.	1.8	48

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19	SC-34 * A NOVEL VEGF-RESPONSIVE lincRNA ORCHESTRATES GLIOMA STEM CELL-MEDIATED ANGIOGENESIS IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2014, 16, v204-v204.	1.2	0
20	Effect of Disturbed Blood Flow on Endothelial Cell Gene Expression. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1806-1808.	2.4	25
21	Nitric Oxide and Hypoxia Signaling. <i>Vitamins and Hormones</i> , 2014, 96, 161-192.	1.7	41
22	Early outgrowth cells release soluble endocrine antifibrotic factors that reduce progressive organ fibrosis. <i>Stem Cells</i> , 2013, 31, 2408-2419.	3.2	23
23	Estimated GFR and Risk of Death – Is Cystatin C Useful?. <i>New England Journal of Medicine</i> , 2013, 369, 974-975.	27.0	14
24	Angiogenesis in Glioblastoma. <i>New England Journal of Medicine</i> , 2013, 369, 1561-1563.	27.0	227
25	Epigenetics and Cardiovascular Disease. <i>Canadian Journal of Cardiology</i> , 2013, 29, 46-57.	1.7	108
26	Active Stabilization of Human Endothelial Nitric Oxide Synthase mRNA by hnRNP E1 Protects against Antisense RNA and MicroRNAs. <i>Molecular and Cellular Biology</i> , 2013, 33, 2029-2046.	2.3	54
27	New insights into Shiga toxin-mediated endothelial dysfunction in hemolytic uremic syndrome. <i>Virulence</i> , 2013, 4, 556-563.	4.4	29
28	A mechanistic role for DNA methylation in endothelial cell (EC)-enriched gene expression: relationship with DNA replication timing. <i>Blood</i> , 2013, 121, 3531-3540.	1.4	57
29	Shiga toxin-associated hemolytic uremic syndrome. <i>Current Opinion in Nephrology and Hypertension</i> , 2012, 21, 433-440.	2.0	34
30	The Vascular Endothelium: A Wonderful Network: Introduction. <i>Seminars in Nephrology</i> , 2012, 32, 143-144.	1.6	1
31	Functional Importance of Dicer Protein in the Adaptive Cellular Response to Hypoxia. <i>Journal of Biological Chemistry</i> , 2012, 287, 29003-29020.	3.4	126
32	Gene Regulation in the Vascular Endothelium: Why Epigenetics Is Important for the Kidney. <i>Seminars in Nephrology</i> , 2012, 32, 176-184.	1.6	6
33	Bone Marrow Cell Therapies for Endothelial Repair and Their Relevance to Kidney Disease. <i>Seminars in Nephrology</i> , 2012, 32, 215-223.	1.6	11
34	Nitric oxide signaling in hypoxia. <i>Journal of Molecular Medicine</i> , 2012, 90, 217-231.	3.9	113
35	The CXCR4/CXCR7/SDF-1 pathway contributes to the pathogenesis of Shiga toxin-associated hemolytic uremic syndrome in humans and mice. <i>Journal of Clinical Investigation</i> , 2012, 122, 759-776.	8.2	86
36	Long-Term Administration of the Histone Deacetylase Inhibitor Vorinostat Attenuates Renal Injury in Experimental Diabetes through an Endothelial Nitric Oxide Synthase-Dependent Mechanism. <i>American Journal of Pathology</i> , 2011, 178, 2205-2214.	3.8	134

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37	Epigenetics in cardiovascular disease. <i>Current Opinion in Cardiology</i> , 2011, 26, 209-215.	1.8	76
38	Priming of hypoxia-inducible factor by neuronal nitric oxide synthase is essential for adaptive responses to severe anemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 17544-17549.	7.1	65
39	Simvastatin Re-Couples Dysfunctional Endothelial Nitric Oxide Synthase in Experimental Subarachnoid Hemorrhage. <i>PLoS ONE</i> , 2011, 6, e17062.	2.5	47
40	Culture-Modified Bone Marrow Cells Attenuate Cardiac and Renal Injury in a Chronic Kidney Disease Rat Model via a Novel Antifibrotic Mechanism. <i>PLoS ONE</i> , 2010, 5, e9543.	2.5	55
41	Epigenetics of the vascular endothelium. <i>Journal of Applied Physiology</i> , 2010, 109, 916-926.	2.5	71
42	Hypoxic Repression of Endothelial Nitric-oxide Synthase Transcription Is Coupled with Eviction of Promoter Histones. <i>Journal of Biological Chemistry</i> , 2010, 285, 810-826.	3.4	134
43	Enhanced Translation of Heme Oxygenase-2 Preserves Human Endothelial Cell Viability during Hypoxia. <i>Journal of Biological Chemistry</i> , 2010, 285, 9452-9461.	3.4	39
44	Treatment of Anemia in Chronic Kidney Disease – Strategies Based on Evidence. <i>New England Journal of Medicine</i> , 2009, 361, 2089-2090.	27.0	15
45	Regulation of endocytosis via the oxygen-sensing pathway. <i>Nature Medicine</i> , 2009, 15, 319-324.	30.7	178
46	Role of a distal enhancer in the transcriptional responsiveness of the human CD200 gene to interferon- β and tumor necrosis factor- α . <i>Molecular Immunology</i> , 2009, 46, 1951-1963.	2.2	27
47	Epigenetic Regulation of Vascular Endothelial Gene Expression. <i>Circulation Research</i> , 2008, 102, 873-887.	4.5	194
48	Endothelial Nitric Oxide Synthase Gene Expression During Murine Embryogenesis. <i>Circulation Research</i> , 2008, 103, 24-33.	4.5	55
49	Dicer Cuts the Kidney: Figure 1.. <i>Journal of the American Society of Nephrology: JASN</i> , 2008, 19, 2043-2046.	6.1	31
50	Activated Protein C and Diabetic Nephropathy. <i>New England Journal of Medicine</i> , 2008, 358, 1628-1630.	27.0	12
51	VHL Promotes E2 Box-Dependent E-Cadherin Transcription by HIF-Mediated Regulation of SIP1 and Snail. <i>Molecular and Cellular Biology</i> , 2007, 27, 157-169.	2.3	230
52	Hypoxia-inducible Expression of a Natural cis-Antisense Transcript Inhibits Endothelial Nitric-oxide Synthase. <i>Journal of Biological Chemistry</i> , 2007, 282, 15652-15666.	3.4	127
53	Role of VEGF in maintaining renal structure and function under normotensive and hypertensive conditions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 14448-14453.	7.1	137
54	Relative Reduction of Endothelial Nitric-Oxide Synthase Expression and Transcription in Atherosclerosis-Prone Regions of the Mouse Aorta and in an in Vitro Model of Disturbed Flow. <i>American Journal of Pathology</i> , 2007, 171, 1691-1704.	3.8	119

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55	Low-molecular-weight S-nitrosothiols and blood vessel injury. <i>Journal of Clinical Investigation</i> , 2007, 117, 2377-2380.	8.2	5
56	Cloning and characterization of the human CD200 promoter region. <i>Molecular Immunology</i> , 2006, 43, 579-587.	2.2	14
57	Loss of the tumor suppressor Vhlh leads to upregulation of Cxcr4 and rapidly progressive glomerulonephritis in mice. <i>Nature Medicine</i> , 2006, 12, 1081-1087.	30.7	191
58	Hemodilutional anemia increases nnos immunopositive cerebral cortical cells in rats. <i>Canadian Journal of Anaesthesia</i> , 2006, 53, 26368-26368.	1.6	0
59	RNA Interference as Potential Therapy " Not So Fast. <i>New England Journal of Medicine</i> , 2006, 355, 953-954.	27.0	25
60	Inflammation and Coagulation in the Cardiovascular System. <i>Circulation Research</i> , 2006, 99, 1152-1153.	4.5	18
61	c-Jun N-terminal Kinase-mediated Stabilization of Microsomal Prostaglandin E2 Synthase-1 mRNA Regulates Delayed Microsomal Prostaglandin E2 Synthase-1 Expression and Prostaglandin E2 Biosynthesis by Cardiomyocytes. <i>Journal of Biological Chemistry</i> , 2006, 281, 16443-16452.	3.4	27
62	RNA transfection is a versatile tool to investigate endothelin-1 posttranscriptional regulation. <i>Experimental Biology and Medicine</i> , 2006, 231, 704-8.	2.4	1
63	Glutathione depletion inhibits lipopolysaccharide-induced intercellular adhesion molecule 1 synthesis. <i>Free Radical Biology and Medicine</i> , 2005, 38, 1333-1343.	2.9	14
64	Epigenetic Basis for the Transcriptional Hyporesponsiveness of the Human Inducible Nitric Oxide Synthase Gene in Vascular Endothelial Cells. <i>Journal of Immunology</i> , 2005, 175, 3846-3861.	0.8	129
65	The Expression of Endothelial Nitric-oxide Synthase Is Controlled by a Cell-specific Histone Code. <i>Journal of Biological Chemistry</i> , 2005, 280, 24824-24838.	3.4	195
66	Nitric Oxide"Eluting Polyurethanes " Vascular Grafts of the Future?. <i>New England Journal of Medicine</i> , 2005, 353, 730-731.	27.0	28
67	Tyrosine phosphatase MEG2 modulates murine development and platelet and lymphocyte activation through secretory vesicle function. <i>Journal of Experimental Medicine</i> , 2005, 202, 1587-1597.	8.5	48
68	Extensive variation in the 5"UTR of Dicer mRNAs influences translational efficiency. <i>Biochemical and Biophysical Research Communications</i> , 2005, 335, 643-650.	2.1	26
69	Hypoxia induces a functionally significant and translationally efficient neuronal NO synthase mRNA variant. <i>Journal of Clinical Investigation</i> , 2005, 115, 3128-3139.	8.2	98
70	Endothelial Nitric Oxide Synthase. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 405-412.	2.4	168
71	Role of the 3"Untranslated Region of Human Endothelin-1 in Vascular Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 8655-8667.	3.4	38
72	Post-transcriptional Regulation of Endothelial Nitric-oxide Synthase by an Overlapping Antisense mRNA Transcript. <i>Journal of Biological Chemistry</i> , 2004, 279, 37982-37996.	3.4	125

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73	CD200 Is a Ligand for All Members of the CD200R Family of Immunoregulatory Molecules. <i>Journal of Immunology</i> , 2004, 172, 7744-7749.	0.8	123
74	The Cell-specific Expression of Endothelial Nitric-oxide Synthase. <i>Journal of Biological Chemistry</i> , 2004, 279, 35087-35100.	3.4	230
75	The fgl2 prothrombinase/fibroleukin gene is required for lipopolysaccharide-triggered abortions and for normal mouse reproduction. <i>Molecular Human Reproduction</i> , 2004, 10, 99-108.	2.8	48
76	Perturbations in paracrine control of the circulation: Role of the endothelial-derived vasomediators, endothelin-1 and nitric oxide. <i>Microscopy Research and Technique</i> , 2003, 60, 46-58.	2.2	35
77	Gene transcription of fgl2 in endothelial cells is controlled by Ets-1 and Oct-1 and requires the presence of both Sp1 and Sp3. <i>FEBS Journal</i> , 2003, 270, 2274-2286.	0.2	28
78	Abnormalities in villin gene expression and canalicular microvillus structure in progressive cholestatic liver disease of childhood. <i>Lancet, The</i> , 2003, 362, 1112-1119.	13.7	53
79	MAP Kinase Kinase 6â€“p38 MAP Kinase Signaling Cascade Regulates Cyclooxygenase-2 Expression in Cardiac Myocytes In Vitro and In Vivo. <i>Circulation Research</i> , 2003, 92, 757-764.	4.5	39
80	Translational Regulation of Human Neuronal Nitric-oxide Synthase by an Alternatively Spliced 5â€²-Untranslated Region Leader Exon. <i>Journal of Biological Chemistry</i> , 2003, 278, 636-644.	3.4	56
81	Predicting Outcomes after Renal Transplantation â€” New Tools and Old Tools. <i>New England Journal of Medicine</i> , 2003, 349, 182-184.	27.0	23
82	Increased Body Lead Burden â€” Cause or Consequence of Chronic Renal Insufficiency?. <i>New England Journal of Medicine</i> , 2003, 348, 345-347.	27.0	47
83	The Fgl2/fibroleukin prothrombinase contributes to immunologically mediated thrombosis in experimental and human viral hepatitis. <i>Journal of Clinical Investigation</i> , 2003, 112, 58-66.	8.2	159
84	Regulation of Toll-Like Receptor 4 Expression in the Lung Following Hemorrhagic Shock and Lipopolysaccharide. <i>Journal of Immunology</i> , 2002, 168, 5252-5259.	0.8	111
85	Kinetic Analysis of a Unique Direct Prothrombinase, fgl2, and Identification of a Serine Residue Critical for the Prothrombinase Activity. <i>Journal of Immunology</i> , 2002, 168, 5170-5177.	0.8	69
86	Familial Risk of Preeclampsia in Newfoundland: A Population-Based Study. <i>Journal of the American Society of Nephrology: JASN</i> , 2002, 13, 1901-1906.	6.1	34
87	An Alternative Promoter of the Human Neuronal Nitric Oxide Synthase Gene Is Expressed Specifically in Leydig Cells. <i>American Journal of Pathology</i> , 2002, 160, 369-380.	3.8	47
88	What lessons can we learn from NOS knockout mice in acute pulmonary disease? *. <i>Critical Care Medicine</i> , 2002, 30, 2143-2145.	0.9	6
89	Genomic Characterization, Localization, and Functional Expression of FGL2, the Human Gene Encoding Fibroleukin: A Novel Human Procoagulant. <i>Genomics</i> , 2001, 71, 330-338.	2.9	66
90	In vivo expression profile of an endothelial nitric oxide synthase promoter-reporter transgene. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000, 278, H1352-H1361.	3.2	66

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91	Molecular and Functional Analysis of the Human Prothrombinase Gene (HFGL2) and Its Role in Viral Hepatitis. <i>American Journal of Pathology</i> , 2000, 156, 1217-1225.	3.8	108
92	The Nucleocapsid Protein of Murine Hepatitis Virus Type 3 Induces Transcription of the Novel fgl2 Prothrombinase Gene. <i>Journal of Biological Chemistry</i> , 1999, 274, 9930-9936.	3.4	54
93	Characterization of the Human Endothelial Nitric-oxide Synthase Promoter. <i>Journal of Biological Chemistry</i> , 1999, 274, 3076-3093.	3.4	185
94	hBRAG, a novel B cell lineage cDNA encoding a type II transmembrane glycoprotein potentially involved in the regulation of recombination activating gene 1 (RAG1). <i>European Journal of Immunology</i> , 1998, 28, 2839-2853.	2.9	16
95	Endothelial Tie2/Tek Ligands Angiopoietin-1 (ANGPT1) and Angiopoietin-2 (ANGPT2): Regional Localization of the Human Genes to 8q22.3 and 8p23. <i>Genomics</i> , 1998, 48, 389-391.	2.9	20
96	Expression of Multiple Isoforms of Nitric Oxide Synthase in Normal and Atherosclerotic Vessels. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997, 17, 2479-2488.	2.4	426
97	Structural Characterization of Human Neuronal Nitric Oxide Synthase Gene: Methodologic Approach to a Complex Transcription Unit. <i>Methods in Neurosciences</i> , 1996, 31, 184-196.	0.5	0
98	Ions, lipids and peptides. <i>Current Opinion in Nephrology and Hypertension</i> , 1996, 5, 1-3.	2.0	1
99	Nitric oxide synthases: biochemical and molecular regulation. <i>Current Opinion in Nephrology and Hypertension</i> , 1995, 4, 12-22.	2.0	81
100	Milieu intérieur and the kidney. <i>Current Opinion in Nephrology and Hypertension</i> , 1995, 4, 9-11.	2.0	0
101	Nitric Oxide Synthases: Gene Structure and Regulation. <i>Advances in Pharmacology</i> , 1995, 34, 71-90.	2.0	158
102	Biologic control of the tumor necrosis factor and interleukin-1 signaling cascade. <i>American Journal of Kidney Diseases</i> , 1995, 25, 954-966.	1.9	34
103	Characterization of platelet-activating factor synthesis in glomerular endothelial cell lines. <i>Kidney International</i> , 1994, 46, 1404-1412.	5.2	5
104	Localization of the Human Gene for Inducible Nitric Oxide Synthase (NOS2) to Chromosome 17q11.2-q12. <i>Genomics</i> , 1994, 19, 183-185.	2.9	74
105	Molecular cloning and characterization of human endothelial nitric oxide synthase. <i>FEBS Letters</i> , 1992, 307, 287-293.	2.8	440
106	Identification and characterization of endothelin binding sites in rat renal papillary and glomerular membranes. <i>Biochemical and Biophysical Research Communications</i> , 1989, 162, 130-137.	2.1	85
107	Endothelin action on vascular smooth muscle involves inositol trisphosphate and calcium mobilization. <i>Biochemical and Biophysical Research Communications</i> , 1989, 158, 86-93.	2.1	351
108	Renal Potassium Handling during States of Low Aldosterone Bio-Activity: A Method to Differentiate Renal and Non-Renal Causes. <i>American Journal of Nephrology</i> , 1987, 7, 360-366.	3.1	42

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109	Pathophysiological Approach to Patients Presenting with Hyponatremia. American Journal of Nephrology, 1985, 5, 229-235.	3.1	14
110	Test for Chlorpropamideâ€“Alcohol Flush Becomes Positive after Prolonged Chlorpropamide Treatment in Insulin-Dependent and Nonâ€“Insulin-Dependent Diabetics. New England Journal of Medicine, 1983, 309, 93-96.	27.0	13