Peiqing Liu

List of Publications by Year in descending order

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115 papers

3,431 citations

32 h-index 50 g-index

117 all docs

117 docs citations

117 times ranked

4584 citing authors

#	Article	IF	CITATIONS
1	Sirt1 resists advanced glycation end products-induced expressions of fibronectin and TGF- \hat{l}^21 by activating the Nrf2/ARE pathway in glomerular mesangial cells. Free Radical Biology and Medicine, 2013, 65, 528-540.	1.3	223
2	Polydatin promotes Nrf2-ARE anti-oxidative pathway through activating Sirt1 to resist AGEs-induced upregulation of fibronetin and transforming growth factor- l^21 in rat glomerular messangial cells. Molecular and Cellular Endocrinology, 2015, 399, 178-189.	1.6	164
3	Inhibition of STAT3-ferroptosis negative regulatory axis suppresses tumor growth and alleviates chemoresistance in gastric cancer. Redox Biology, 2022, 52, 102317.	3.9	107
4	Discovery of a small molecule targeting autophagy via ATG4B inhibition and cell death of colorectal cancer cells in vitro and in vivo. Autophagy, 2019, 15, 295-311.	4.3	103
5	Tanshinone IIA protects neonatal rat cardiomyocytes from adriamycin-induced apoptosis. Translational Research, 2008, 151, 79-87.	2.2	84
6	Tanshinone II-A attenuates and stabilizes atherosclerotic plaques in Apolipoprotein-E knockout mice fed a high cholesterol diet. Archives of Biochemistry and Biophysics, 2011, 515, 72-79.	1.4	76
7	Targeting hydrogen sulfide as a promising therapeutic strategy for atherosclerosis. International Journal of Cardiology, 2014, 172, 313-317.	0.8	72
8	SIRT6 suppresses isoproterenol-induced cardiac hypertrophy through activation of autophagy. Translational Research, 2016, 172, 96-112.e6.	2.2	67
9	SESN2 protects against doxorubicin-induced cardiomyopathy via rescuing mitophagy and improving mitochondrial function. Journal of Molecular and Cellular Cardiology, 2019, 133, 125-137.	0.9	67
10	An Optimized Protocol for Culture of Cardiomyocyte from Neonatal Rat. Cytotechnology, 2005, 49, 109-116.	0.7	61
11	Cryptotanshinone, an orally bioactive herbal compound from <scp>D</scp> anshen, attenuates atherosclerosis in apolipoprotein <scp>E</scp> â€deficient mice: role of lectinâ€like oxidized LDL receptorâ€l (<scp>LOX</scp> â€l). British Journal of Pharmacology, 2015, 172, 5661-5675.	2.7	61
12	Polydatin ameliorates lipid and glucose metabolism in type 2 diabetes mellitus by downregulating proprotein convertase subtilisin/kexin type 9 (PCSK9). Cardiovascular Diabetology, 2016, 15, 19.	2.7	61
13	Sirtuin-6 inhibits cardiac fibroblasts differentiation into myofibroblasts via inactivation of nuclear factor ÎB signaling. Translational Research, 2015, 165, 374-386.	2.2	60
14	Deletion of sirtuin 6 accelerates endothelial dysfunction and atherosclerosis in apolipoprotein E-deficient mice. Translational Research, 2016, 172, 18-29.e2.	2.2	60
15	Polydatin promotes Nrf2-ARE anti-oxidative pathway through activating CKIP-1 to resist HG-induced up-regulation of FN and ICAM-1 in GMCs and diabetic mice kidneys. Free Radical Biology and Medicine, 2017, 106, 393-405.	1.3	56
16	TRPM7 is involved in angiotensin II induced cardiac fibrosis development by mediating calcium and magnesium influx. Cell Calcium, 2014, 55, 252-260.	1.1	55
17	Lossâ€ofâ€Function Genetic Screening Identifies Aldolase A as an Essential Driver for Liver Cancer Cell Growth Under Hypoxia. Hepatology, 2021, 74, 1461-1479.	3.6	53
18	Cyclovirobuxine D Induces Autophagy-Associated Cell Death via the Akt/mTOR Pathway in MCF-7 Human Breast Cancer Cells. Journal of Pharmacological Sciences, 2014, 125, 74-82.	1.1	51

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19	Gentiopicroside activates the bile acid receptor Gpbar1 (TGR5) to repress NF-kappaB pathway and ameliorate diabetic nephropathy. Pharmacological Research, 2020, 151, 104559.	3.1	49
20	Roles of transcriptional corepressor RIP140 and coactivator PGC- $1\hat{l}\pm$ in energy state of chronically infarcted rat hearts and mitochondrial function of cardiomyocytes. Molecular and Cellular Endocrinology, 2012, 362, 11-18.	1.6	48
21	Heme oxygenase-1 ameliorates oxidative stress-induced endothelial senescence via regulating endothelial nitric oxide synthase activation and coupling. Aging, 2018, 10, 1722-1744.	1.4	48
22	NMNAT3 is involved in the protective effect of SIRT3 in Ang II-induced cardiac hypertrophy. Experimental Cell Research, 2016, 347, 261-273.	1.2	44
23	Cryptotanshinone inhibits human glioma cell proliferation in vitro and in vivo through SHP-2-dependent inhibition of STAT3 activation. Cell Death and Disease, 2017, 8, e2767-e2767.	2.7	44
24	CKIP-1 affects the polyubiquitination of Nrf2 and Keap1 via mediating Smurf1 to resist HG-induced renal fibrosis in GMCs and diabetic mice kidneys. Free Radical Biology and Medicine, 2018, 115, 338-350.	1.3	44
25	Autophagy activation attenuates angiotensin Il-induced cardiac fibrosis. Archives of Biochemistry and Biophysics, 2016, 590, 37-47.	1.4	43
26	AP-1 regulates sphingosine kinase 1 expression in a positive feedback manner in glomerular mesangial cells exposed to high glucose. Cellular Signalling, 2014, 26, 629-638.	1.7	41
27	Vps4A mediates the localization and exosome release of \hat{I}^2 -catenin to inhibit epithelial-mesenchymal transition in hepatocellular carcinoma. Cancer Letters, 2019, 457, 47-59.	3.2	41
28	Evolution of coastal forests based on a full set of mangrove genomes. Nature Ecology and Evolution, 2022, 6, 738-749.	3.4	41
29	Chrysophanol protects against doxorubicin-induced cardiotoxicity by suppressing cellular PARylation. Acta Pharmaceutica Sinica B, 2019, 9, 782-793.	5.7	40
30	Golgi-associated LC3 lipidation requires V-ATPase in noncanonical autophagy. Cell Death and Disease, 2016, 7, e2330-e2330.	2.7	38
31	Therapeutic effect of Cryptotanshinone on experimental rheumatoid arthritis through downregulating p300 mediated-STAT3 acetylation. Biochemical Pharmacology, 2017, 138, 119-129.	2.0	36
32	Contribution of different Nox homologues to cardiac remodeling in two-kidney two-clip renovascular hypertensive rats: Effect of valsartan. Pharmacological Research, 2007, 55, 408-417.	3.1	34
33	SIRT6 suppresses phenylephrine-induced cardiomyocyte hypertrophy though inhibiting p300. Journal of Pharmacological Sciences, 2016, 132, 31-40.	1.1	34
34	C/EBPÎ 2 knockdown protects cardiomyocytes from hypertrophy via inhibition of p65-NFÎ 8 B. Molecular and Cellular Endocrinology, 2014, 390, 18-25.	1.6	33
35	Store-Operated Ca2+ Entry (SOCE) contributes to angiotensin II-induced cardiac fibrosis in cardiac fibroblasts. Journal of Pharmacological Sciences, 2016, 132, 171-180.	1.1	33
36	Bradykinin promotes migration and invasion of hepatocellular carcinoma cells through TRPM7 and MMP2. Experimental Cell Research, 2016, 349, 68-76.	1.2	33

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37	Protein kinase CK2α catalytic subunit ameliorates diabetic renal inflammatory fibrosis via NF-κB signaling pathway. Biochemical Pharmacology, 2017, 132, 102-117.	2.0	32
38	SIRT3 prevents angiotensin Il-induced renal tubular epithelial-mesenchymal transition by ameliorating oxidative stress and mitochondrial dysfunction. Molecular and Cellular Endocrinology, 2018, 460, 1-13.	1.6	32
39	The orphan receptor <scp>NOR</scp> 1 participates in isoprenalineâ€induced cardiac hypertrophy by regulating <scp>PARP</scp> â€1. British Journal of Pharmacology, 2015, 172, 2852-2863.	2.7	31
40	Polydatin attenuates AGEs-induced upregulation of fibronectin and ICAM-1 in rat glomerular mesangial cells and db/db diabetic mice kidneys by inhibiting the activation of the SphK1-S1P signaling pathway. Molecular and Cellular Endocrinology, 2016, 427, 45-56.	1.6	30
41	Astragaloside exerts anti-photoaging effects in UVB-induced premature senescence of rat dermal fibroblasts through enhanced autophagy. Archives of Biochemistry and Biophysics, 2018, 657, 31-40.	1.4	30
42	AG-690/11026014, a novel PARP-1 inhibitor, protects cardiomyocytes from AnglI-induced hypertrophy. Molecular and Cellular Endocrinology, 2014, 392, 14-22.	1.6	29
43	Therapeutic effect of Cryptotanshinone on collagen-induced arthritis in rats via inhibiting nuclear factor kappa B signaling pathway. Translational Research, 2015, 165, 704-716.	2.2	29
44	TGR5 activation suppressed S1P/S1P2 signaling and resisted high glucose-induced fibrosis in glomerular mesangial cells. Pharmacological Research, 2016, 111, 226-236.	3.1	29
45	Sirtuin 1 represses PKCâ€i¶ activity through regulating interplay of acetylation and phosphorylation in cardiac hypertrophy. British Journal of Pharmacology, 2019, 176, 416-435.	2.7	29
46	JMJD3 inhibition protects against isoproterenol-induced cardiac hypertrophy by suppressing \hat{l}^2 -MHC expression. Molecular and Cellular Endocrinology, 2018, 477, 1-14.	1.6	29
47	PPARα activation inhibits endothelin-1-induced cardiomyocyte hypertrophy by prevention of NFATc4 binding to GATA-4. Archives of Biochemistry and Biophysics, 2012, 518, 71-78.	1.4	28
48	CKIP-1 ameliorates high glucose-induced expression of fibronectin and intercellular cell adhesion molecule-1 by activating the Nrf2/ARE pathway in glomerular mesangial cells. Biochemical Pharmacology, 2016, 116, 140-152.	2.0	28
49	Sphingosine kinase 1 mediates AGEs-induced fibronectin upregulation in diabetic nephropathy. Oncotarget, 2017, 8, 78660-78676.	0.8	27
50	The protease activity of human ATG4B is regulated by reversible oxidative modification. Autophagy, 2020, 16, 1838-1850.	4.3	27
51	COX-2 is involved in ET-1-induced hypertrophy of neonatal rat cardiomyocytes: Role of NFATc3. Molecular and Cellular Endocrinology, 2014, 382, 998-1006.	1.6	25
52	Rapamycin Attenuated Cardiac Hypertrophy Induced by Isoproterenol and Maintained Energy Homeostasis via Inhibiting NF-κB Activation. Mediators of Inflammation, 2014, 2014, 1-15.	1.4	24
53	Connexin 43 prevents the progression of diabetic renal tubulointerstitial fibrosis by regulating the SIRT1-HIF- $1\hat{l}$ ± signaling pathway. Clinical Science, 2020, 134, 1573-1592.	1.8	24
54	PARP-2 knockdown protects cardiomyocytes from hypertrophy via activation of SIRT1. Biochemical and Biophysical Research Communications, 2013, 430, 944-950.	1.0	23

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55	Salvianolic acid B protects cardiomyocytes from angiotensin II-induced hypertrophy via inhibition of PARP-1. Biochemical and Biophysical Research Communications, 2014, 444, 346-353.	1.0	23
56	SIRT6 Suppresses NFATc4 Expression and Activation in Cardiomyocyte Hypertrophy. Frontiers in Pharmacology, 2018, 9, 1519.	1.6	23
57	The poly(ADP-ribosyl)ation of FoxO3 mediated by PARP1 participates in isoproterenol-induced cardiac hypertrophy. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 3027-3039.	1.9	22
58	Dkk1 exacerbates doxorubicin-induced cardiotoxicity by inhibiting Wnt \hat{l}^2 -catenin signaling pathway. Journal of Cell Science, 2019, 132, .	1.2	22
59	Novel Treatment of Hypertension by Specifically Targeting E2F for Restoration of Endothelial Dihydrofolate Reductase and eNOS Function Under Oxidative Stress. Hypertension, 2019, 73, 179-189.	1.3	22
60	Isorhapontigenin protects against doxorubicin-induced cardiotoxicity via increasing YAP1 expression. Acta Pharmaceutica Sinica B, 2021, 11, 680-693.	5.7	22
61	SNX10 Plays a Critical Role in MMP9 Secretion via JNKâ€p38â€ERK Signaling Pathway. Journal of Cellular Biochemistry, 2017, 118, 4664-4671.	1.2	21
62	PARP1 interacts with STAT3 and retains active phosphorylated-STAT3 in nucleus during pathological myocardial hypertrophy. Molecular and Cellular Endocrinology, 2018, 474, 137-150.	1.6	20
63	Connexin32 ameliorates renal fibrosis in diabetic mice by promoting K48â€linked NADPH oxidase 4 polyubiquitination and degradation. British Journal of Pharmacology, 2020, 177, 145-160.	2.7	20
64	Berberine attenuates high glucose-induced fibrosis by activating the G protein-coupled bile acid receptor TGR5 and repressing the S1P2/MAPK signaling pathway in glomerular mesangial cells. Experimental Cell Research, 2016, 346, 241-247.	1.2	19
65	The p65 subunit of NF-κB involves in RIP140-mediated inflammatory and metabolic dysregulation in cardiomyocytes. Archives of Biochemistry and Biophysics, 2014, 554, 22-27.	1.4	18
66	Paeonol Ameliorates Glucose and Lipid Metabolism in Experimental Diabetes by Activating Akt. Frontiers in Pharmacology, 2019, 10, 261.	1.6	18
67	The poly(ADP-ribosyl)ation of BRD4 mediated by PARP1 promoted pathological cardiac hypertrophy. Acta Pharmaceutica Sinica B, 2021, 11, 1286-1299.	5.7	18
68	Histone H4R3 symmetric di-methylation by Prmt5 protects against cardiac hypertrophy via regulation of Filip $1L\hat{l}^2$ -catenin. Pharmacological Research, 2020, 161, 105104.	3.1	17
69	Advanced glycation end products induced immune maturation of dendritic cells controls heart failure through NF-κB signaling pathway. Archives of Biochemistry and Biophysics, 2015, 580, 112-120.	1.4	16
70	Histone Demethylase JMJD3 Mediated Doxorubicin-Induced Cardiomyopathy by Suppressing SESN2 Expression. Frontiers in Cell and Developmental Biology, 2020, 8, 548605.	1.8	16
71	Rhamnocitrin extracted from Nervilia fordii inhibited vascular endothelial activation via miR-185/STIM-1/SOCE/NFATc3. Phytomedicine, 2020, 79, 153350.	2.3	16
72	S-adenosylhomocysteine (AdoHcy)-dependent methyltransferase inhibitor DZNep overcomes breast cancer tamoxifen resistance via induction of NSD2 degradation and suppression of NSD2-driven redox homeostasis. Chemico-Biological Interactions, 2020, 317, 108965.	1.7	16

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73	MicroRNA-34c-5p provokes isoprenaline-induced cardiac hypertrophy by modulating autophagy via targeting ATG4B. Acta Pharmaceutica Sinica B, 2022, 12, 2374-2390.	5.7	16
74	Comparison of biological and transcriptomic effects of conventional cigarette and electronic cigarette smoke exposure at toxicological dose in BEAS-2B cells. Ecotoxicology and Environmental Safety, 2021, 222, 112472.	2.9	16
75	Effects of ERK1/2/PPARα/SCAD signal pathways on cardiomyocyte hypertrophy induced by insulin-like growth factor 1 and phenylephrine. Life Sciences, 2015, 124, 41-49.	2.0	15
76	TGR5 suppresses high glucose-induced upregulation of fibronectin and transforming growth factor- \hat{l}^21 in rat glomerular mesangial cells by inhibiting RhoA/ROCK signaling. Endocrine, 2016, 54, 657-670.	1.1	15
77	A Review of Toxicity Mechanism Studies of Electronic Cigarettes on Respiratory System. International Journal of Molecular Sciences, 2022, 23, 5030.	1.8	15
78	Niclosamide Triggers Non-Canonical LC3 Lipidation. Cells, 2019, 8, 248.	1.8	14
79	Sorting nexin 3 induces heart failure via promoting retromer-dependent nuclear trafficking of STAT3. Cell Death and Differentiation, 2021, 28, 2871-2887.	5. O	14
80	SLC41A1 knockdown inhibits angiotensin II-induced cardiac fibrosis by preventing Mg2+ efflux and Ca2+ signaling in cardiac fibroblasts. Archives of Biochemistry and Biophysics, 2014, 564, 74-82.	1.4	13
81	Effects of L-leucine on the properties of spray-dried swellable microparticles with wrinkled surfaces for inhalation therapy of pulmonary fibrosis. International Journal of Pharmaceutics, 2021, 610, 121223.	2.6	13
82	Inhibitory effect of ethyl acetate extract of Aristolochia yunnanensis on cardiac fibrosis through extracellular signal-regulated kinases $1/2$ and transforming growth factor \hat{l}^2/small mother against decapentaplegic signaling pathways. Translational Research, 2014, 163, 160-170.	2.2	12
83	Tumor suppressor gene ING3 induces cardiomyocyte hypertrophy via inhibition of AMPK and activation of p38 MAPK signaling. Archives of Biochemistry and Biophysics, 2014, 562, 22-30.	1.4	12
84	Changes in short hain acyl oA dehydrogenase during rat cardiac development and stress. Journal of Cellular and Molecular Medicine, 2015, 19, 1672-1688.	1.6	12
85	Effects of shortâ€chain acylâ€CoA dehydrogenase on cardiomyocyte apoptosis. Journal of Cellular and Molecular Medicine, 2016, 20, 1381-1391.	1.6	12
86	PKCζ interacts with STAT3 and promotes its activation in cardiomyocyte hypertrophy. Journal of Pharmacological Sciences, 2016, 132, 15-23.	1.1	12
87	Flavine adenine dinucleotide inhibits pathological cardiac hypertrophy and fibrosis through activating short chain acyl-CoA dehydrogenase. Biochemical Pharmacology, 2020, 178, 114100.	2.0	12
88	Sphingosine kinase 1 mediates diabetic renal fibrosis via NF-κB signaling pathway: involvement of CK2α. Oncotarget, 2017, 8, 88988-89004.	0.8	12
89	Poly(ADPâ€ribose) polymerase 1 induces cardiac fibrosis by mediating mammalian target of rapamycin activity. Journal of Cellular Biochemistry, 2019, 120, 4813-4826.	1.2	11
90	Inhalable cryptotanshinone spray-dried swellable microparticles for pulmonary fibrosis therapy by regulating TGF- 12 I/Smad3, STAT3 and SIRT3 pathways. European Journal of Pharmaceutics and Biopharmaceutics, 2022, 172, 177-192.	2.0	10

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91	Progestin and AdipoQ Receptor 3 Upregulates Fibronectin and Intercellular Adhesion Molecule-1 in Glomerular Mesangial Cells via Activating NF-κB Signaling Pathway Under High Glucose Conditions. Frontiers in Endocrinology, 2018, 9, 275.	1.5	9
92	Therapeutic targeting $ROR^{\hat{1}3}$ with natural product N-hydroxyapiosporamide for small cell lung cancer by reprogramming neuroendocrine fate. Pharmacological Research, 2022, 178, 106160.	3.1	9
93	RIP140 triggers foamâ€cell formation by repressing ABCA1/G1 expression and cholesterol efflux via liver X receptor. FEBS Letters, 2015, 589, 455-460.	1.3	8
94	MRTF-A mediated FN and ICAM-1 expression in AGEs-induced rat glomerular mesangial cells via activating STAT5. Molecular and Cellular Endocrinology, 2018, 460, 123-133.	1.6	8
95	CKIP-1 acts downstream to Cx43 on the activation of Nrf2 signaling pathway to protect from renal fibrosis in diabetes. Pharmacological Research, 2021, 163, 105333.	3.1	8
96	Prostacyclin facilitates vascular smooth muscle cell phenotypic transformation via activating TP receptors when IP receptors are deficient. Acta Physiologica, 2021, 231, e13555.	1.8	8
97	Suppression of ATG4B by copper inhibits autophagy and involves in Mallory body formation. Redox Biology, 2022, 52, 102284.	3.9	8
98	PRMT5 Prevents Cardiomyocyte Hypertrophy via Symmetric Dimethylating HoxA9 and Repressing HoxA9 Expression. Frontiers in Pharmacology, 2020, 11, 600627.	1.6	7
99	The regulatory factors and pathological roles of autophagyâ€related protein 4Âin diverse diseases: Recent research advances. Medicinal Research Reviews, 2021, 41, 1644-1675.	5.0	7
100	Effects of impurity elements on SiC grain boundary stability and corrosion. Nuclear Science and Techniques/Hewuli, 2021, 32, 1.	1.3	7
101	CK2α promotes advanced glycation end products-induced expressions of fibronectin and intercellular adhesion molecule-1 via activating MRTF-A in glomerular mesangial cells. Biochemical Pharmacology, 2018, 148, 41-51.	2.0	6
102	MiRNAâ€339â€5p promotes isoproterenolâ€induced cardiomyocyte hypertrophy by targeting VCP to activate the mTOR signaling. Cell Biology International, 2021, , .	1.4	6
103	The Double-Edged Sword of SIRT3 in Cancer and Its Therapeutic Applications. Frontiers in Pharmacology, 2022, 13, 871560.	1.6	6
104	A one-step specific assay for continuous detection of sirtuin 2 activity. Acta Pharmaceutica Sinica B, 2019, 9, 1183-1192.	5.7	5
105	HO-1 nuclear accumulation and interaction with NPM1 protect against stress-induced endothelial senescence independent of its enzymatic activity. Cell Death and Disease, 2021, 12, 738.	2.7	5
106	Pterostilbene and its nicotinate derivative ameliorated vascular endothelial senescence and elicited endothelium-dependent relaxations via activation of sirtuin 1. Canadian Journal of Physiology and Pharmacology, 2021, 99, 900-909.	0.7	5
107	Influence of He ion irradiation on the microstructure and hardness of Ni–TiCNP composites. Nuclear Science and Techniques/Hewuli, 2021, 32, 1.	1.3	5
108	Upregulation of α-enolase protects cardiomyocytes from phenylephrine-induced hypertrophy. Canadian Journal of Physiology and Pharmacology, 2018, 96, 352-358.	0.7	4

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109	The cross-talk between PARylation and SUMOylation in C/EBPβ at K134 site participates in pathological cardiac hypertrophy. International Journal of Biological Sciences, 2022, 18, 783-799.	2.6	4
110	Receptor-interacting protein 140 overexpression impairs cardiac mitochondrial function and accelerates the transition to heart failure in chronically infarcted rats. Translational Research, 2017, 180, 91-102.e1.	2.2	3
111	PEX5 prevents cardiomyocyte hypertrophy via suppressing the redox-sensitive signaling pathways MAPKs and STAT3. European Journal of Pharmacology, 2021, 906, 174283.	1.7	3
112	p62 Promotes Malignancy of Hepatocellular Carcinoma by Regulating the Secretion of Exosomes and the Localization of l²-Catenin. Frontiers in Bioscience, 2022, 27, 089.	0.8	3
113	Editorial of Special Column "Research on Emerging COVID-19 (Target, Mechanism, and Therapeutics)― Acta Pharmaceutica Sinica B, 2020, 10, 1146-1148.	5.7	0
114	Inside Front Cover Image, Volume 41, Issue 3. Medicinal Research Reviews, 2021, 41, ii.	5.0	0
115	Novel Treatment of Hypertension by Specifically Targeting E2F for Restoration of Endothelial Dihydrofolate Reductase and eNOS Function Under Oxidative Stress. FASEB Journal, 2019, 33, 835.15.	0.2	0