Richard S Eisenstein

List of Publications by Year
in descending order

33 papers	3,616 citations	236925 25 h-index	434195 31 g-index
33 all docs	33 docs citations	33 times ranked	3638 citing authors

#	Article	IF	Citations
1	Dysregulation of the sensory and regulatory pathways controlling cellular iron metabolism in unilateral obstructive nephropathy. American Journal of Physiology - Renal Physiology, 2022, 322, F89-F103.	2.7	1
2	OUP accepted manuscript. Journal of Nutrition, 2022, , .	2.9	0
3	Differential translational control of 5' IRE-containing mRNA in response to dietary iron deficiency and acute iron overload. Metallomics, 2020, 12, 2186-2198.	2.4	7
4	A synergistic role of IRP1 and FBXL5 proteins in coordinating iron metabolism during cell proliferation. Journal of Biological Chemistry, 2017, 292, 15976-15989.	3.4	29
5	The IRP1-HIF-2Î± Axis Coordinates Iron and Oxygen Sensing with Erythropoiesis and Iron Absorption. Cell Metabolism, 2013, 17, 282-290.	16.2	174
6	F-box and Leucine-rich Repeat Protein 5 (FBXL5) Is Required for Maintenance of Cellular and Systemic Iron Homeostasis. Journal of Biological Chemistry, 2013, 288, 552-560.	3.4	36
7	Mammalian iron metabolism and its control by iron regulatory proteins. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 1468-1483.	4.1	369
8	Multiple determinants within iron-responsive elements dictate iron regulatory protein binding and regulatory hierarchy. Rna, 2010, 16, 154-169.	3.5	61
9	Evidence That Phosphorylation of Iron Regulatory Protein 1 at Serine 138 Destabilizes the [4Fe-4S] Cluster in Cytosolic Aconitase by Enhancing 4Fe-3Fe Cycling. Journal of Biological Chemistry, 2009, 284, 12701-12709.	3.4	26
10	Human Nbp35 Is Essential for both Cytosolic Iron-Sulfur Protein Assembly and Iron Homeostasis. Molecular and Cellular Biology, 2008, 28, 5517-5528.	2.3	98
11	An Iron Responsive Element-like Stem-Loop Regulates Î±-Hemoglobin-stabilizing Protein mRNA. Journal of Biological Chemistry, 2008, 283, 26956-26964.	3.4	45
12	Iron-responsive degradation of iron-regulatory protein 1 does not require the Feâ€“S cluster. EMBO Journal, 2006, 25, 544-553.	7.8	87
13	Molecular control of vertebrate iron homeostasis by iron regulatory proteins. Biochimica Et Biophysica Acta - Molecular Cell Research, 2006, 1763, 668-689.	4.1	243
14	The mitochondrial ATP-binding cassette transporter Abcb7 is essential in mice and participates in cytosolic ironâ€“sulfur cluster biogenesis. Human Molecular Genetics, 2006, 15, 953-964.	2.9	200
15	CuZnSOD deficiency leads to persistent and widespread oxidative damage and hepatocarcinogenesis later in life. Oncogene, 2005, 24, 367-380.	5.9	564
16	Influence of gestational age and fetal iron status on IRP activity and iron transporter protein expression in third-trimester human placenta. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2004, 287, R894-R901.	1.8	66
17	Selective inhibition of the citrate-to-isocitrate reaction of cytosolic aconitase by phosphomimetic mutation of serine-711. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10907-10912.	7.1	26
18	Novel Roles for Iron Regulatory Proteins in the Adaptive Response to Iron Deficiency. Journal of Nutrition, 2003, 133, 1510S-1516S.	2.9	61

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19	Detection of a [3Fe-4S] Cluster Intermediate of Cytosolic Aconitase in Yeast Expressing Iron Regulatory Protein 1. Journal of Biological Chemistry, 2002, 277, 7246-7254.	3.4	60
20	Iron Deficiency Decreases Mitochondrial Aconitase Abundance and Citrate Concentration without Affecting Tricarboxylic Acid Cycle Capacity in Rat Liver. Journal of Nutrition, 2002, 132, 643-651.	2.9	23
21	Increased IRP1 and IRP2 RNA binding activity accompanies a reduction of the labile iron pool in HFE-expressing cells. Journal of Cellular Physiology, 2002, 190, 218-226.	4.1	34
22	Uroporphyria in mice: Thresholds for hepatic CYP1A2 and iron. Hepatology, 2002, 35, 912-921.	7.3	30
23	IRONREGULATORYPROTEINS AND THEMOLECULARCONTROL OFMAMMALIANIRONMETABOLISM. Annual Review of Nutrition, 2000, 20, 627-662.	10.1	610
24	Combinatorial mRNA Regulation: Iron Regulatory Proteins and Iso-iron-responsive Elements (Iso-IREs). Journal of Biological Chemistry, 2000, 275, 40659-40662.	3.4	144
25	Iron Differentially Stimulates Translation of Mitochondrial Aconitase and Ferritin mRNAs in Mammalian Cells. Journal of Biological Chemistry, 1998, 273, 3740-3746.	3.4	75
26	Iron Regulatory Proteins, Iron Responsive Elements and Iron Homeostasis. Journal of Nutrition, 1998, 128, 2295-2298.	2.9	150
27	Dietary Iron Intake Rapidly Influences Iron Regulatory Proteins, Ferritin Subunits and Mitochondrial Aconitase in Rat Liver. Journal of Nutrition, 1998, 128, 525-535.	2.9	48
28	The Iron Responsive Element (IRE), the Iron Regulatory Protein (IRP), and Cytosolic Aconitase. , 1998, , 157-216.		12
29	The Iron-Sulfur Cluster of Iron Regulatory Protein 1 Modulates the Accessibility of RNA Binding and Phosphorylation Sites. Biochemistry, 1997, 36, 3950-3958.	2.5	68
30	Isolation, Characterization, and Functional Studies of Rat Liver Iron Regulatory Protein 1. Archives of Biochemistry and Biophysics, 1997, 343, 81-91.	3.0	5
31	Dietary Iron Intake Modulates the Activity of Iron Regulatory Proteins and the Abundance of Ferritin and Mitochondrial Aconitase in Rat Liver , ,. Journal of Nutrition, 1997, 127, 238-248.	2.9	101
32	Phosphorylation and Activation of both Iron Regulatory Proteins 1 and 2 in HL-60 Cells. Journal of Biological Chemistry, 1996, 271, 7168-7176.	3.4	121
33	Role of RNA secondary structure of the iron-responsive element in translational regulation of ferritin synthesis. Nucleic Acids Research, 1995, 23, 4190-4195.	14.5	42