

Cs Raman

List of Publications by Citations

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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.

16
papers

1,938
citations

13
h-index

16
g-index

16
ext. papers

2,090
ext. citations

9.8
avg, IF

3.35
L-index

#	Paper	IF	Citations
16	Crystal structure of constitutive endothelial nitric oxide synthase: a paradigm for pterin function involving a novel metal center. <i>Cell</i> , 1998 , 95, 939-50	56.2	593
15	Mutations in smooth muscle alpha-actin (ACTA2) cause coronary artery disease, stroke, and Moyamoya disease, along with thoracic aortic disease. <i>American Journal of Human Genetics</i> , 2009 , 84, 617-27	11	364
14	Mutations in transforming growth factor-beta receptor type II cause familial thoracic aortic aneurysms and dissections. <i>Circulation</i> , 2005 , 112, 513-20	16.7	296
13	MYH11 mutations result in a distinct vascular pathology driven by insulin-like growth factor 1 and angiotensin II. <i>Human Molecular Genetics</i> , 2007 , 16, 2453-62	5.6	210
12	Crystal structures of zinc-free and -bound heme domain of human inducible nitric-oxide synthase. Implications for dimer stability and comparison with endothelial nitric-oxide synthase. <i>Journal of Biological Chemistry</i> , 1999 , 274, 21276-84	5.4	155
11	MAT2A mutations predispose individuals to thoracic aortic aneurysms. <i>American Journal of Human Genetics</i> , 2015 , 96, 170-7	11	68
10	The C331A mutant of neuronal nitric-oxide synthase is defective in arginine binding. <i>Journal of Biological Chemistry</i> , 1998 , 273, 34799-805	5.4	54
9	Heme-mediated oxygen activation in biology: cytochrome c oxidase and nitric oxide synthase. <i>Current Opinion in Chemical Biology</i> , 1999 , 3, 131-7	9.7	43
8	Mapping the active site polarity in structures of endothelial nitric oxide synthase heme domain complexed with isothioureas. <i>Journal of Inorganic Biochemistry</i> , 2000 , 81, 133-9	4.2	28
7	Zinc content of Escherichia coli-expressed constitutive isoforms of nitric-oxide synthase. Enzymatic activity and effect of pterin. <i>Journal of Biological Chemistry</i> , 1999 , 274, 14537-40	5.4	26
6	Structural basis for pterin antagonism in nitric-oxide synthase. Development of novel 4-oxo-pteridine antagonists of (6R)-5,6,7,8-tetrahydrobiopterin. <i>Journal of Biological Chemistry</i> , 2001 , 276, 49133-41	5.4	24
5	Implications for isoform-selective inhibitor design derived from the binding mode of bulky isothioureas to the heme domain of endothelial nitric-oxide synthase. <i>Journal of Biological Chemistry</i> , 2001 , 276, 26486-91	5.4	23
4	Analogies and surprising differences between recombinant nitric oxide synthase-like proteins from Staphylococcus aureus and Bacillus anthracis in their interactions with l-arginine analogs and iron ligands. <i>Journal of Inorganic Biochemistry</i> , 2006 , 100, 2024-33	4.2	19
3	Dynamics of NO rebinding to the heme domain of NO synthase-like proteins from bacterial pathogens. <i>Nitric Oxide - Biology and Chemistry</i> , 2006 , 15, 312-27	5	13
2	Structures of gas-generating heme enzymes: Nitric oxide synthase and heme oxygenase. <i>Advances in Inorganic Chemistry</i> , 2000 , 51, 243-294	2.1	12
1	Tetrahydrobiopterin 2000 , 167-185		10