Cs Raman

List of Publications by Year in Descending Order

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