

Cs Raman

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

2,248
citations

623188

14
h-index

996533

15
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16
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16
docs citations

16
times ranked

2214
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal Structure of Constitutive Endothelial Nitric Oxide Synthase. <i>Cell</i> , 1998, 95, 939-950.	13.5	636
2	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, 617-627.	2.6	466
3	Mutations in Transforming Growth Factor- β 2 Receptor Type II Cause Familial Thoracic Aortic Aneurysms and Dissections. <i>Circulation</i> , 2005, 112, 513-520.	1.6	335
4	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, 2453-2462.	1.4	243
5	Crystal Structures of Zinc-free and -bound Heme Domain of Human Inducible Nitric-oxide Synthase. <i>Journal of Biological Chemistry</i> , 1999, 274, 21276-21284.	1.6	196
6	MAT2A Mutations Predispose Individuals to Thoracic Aortic Aneurysms. <i>American Journal of Human Genetics</i> , 2015, 96, 170-177.	2.6	92
7	The C331A Mutant of Neuronal Nitric-Oxide Synthase Is Defective in Arginine Binding. <i>Journal of Biological Chemistry</i> , 1998, 273, 34799-34805.	1.6	58
8	Heme-mediated oxygen activation in biology: cytochrome c oxidase and nitric oxide synthase. <i>Current Opinion in Chemical Biology</i> , 1999, 3, 131-137.	2.8	47
9	Zinc Content of Escherichia coli-expressed Constitutive Isoforms of Nitric-oxide Synthase. <i>Journal of Biological Chemistry</i> , 1999, 274, 14537-14540.	1.6	34
10	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, 133-139.	1.5	28
11	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, 26486-26491.	1.6	25
12	Structural Basis for Pterin Antagonism in Nitric-oxide Synthase. <i>Journal of Biological Chemistry</i> , 2001, 276, 49133-49141.	1.6	25
13	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, 2024-2033.	1.5	20
14	Tetrahydrobiopterin. , 2000, , 167-185.		15
15	Structures of gas-generating heme enzymes: Nitric oxide synthase and heme oxygenase. <i>Advances in Inorganic Chemistry</i> , 2000, 51, 243-294.	0.4	14
16	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, 312-327.	1.2	14