

Anthony W Demartino

List of Publications by Year in descending order

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13
papers

345
citations

1039880

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1125617

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all docs

13
docs citations

13
times ranked

555
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrite and nitrate chemical biology and signalling. <i>British Journal of Pharmacology</i> , 2019, 176, 228-245.	2.7	94
2	Carbon disulfide. Just toxic or also bioregulatory and/or therapeutic?. <i>Chemical Society Reviews</i> , 2017, 46, 21-39.	18.7	75
3	Photocatalytic Carbon Disulfide Production via Charge Transfer Quenching of Quantum Dots. <i>Journal of the American Chemical Society</i> , 2014, 136, 2192-2195.	6.6	43
4	No evidence of hemoglobin damage by SARS-CoV-2 infection. <i>Haematologica</i> , 2020, 105, 2769-2773.	1.7	31
5	Inorganic nitrite bioactivation and role in physiological signaling and therapeutics. <i>Biological Chemistry</i> , 2019, 401, 201-211.	1.2	23
6	A neuroglobin-based high-affinity ligand trap reverses carbon monoxide-induced mitochondrial poisoning. <i>Journal of Biological Chemistry</i> , 2020, 295, 6357-6371.	1.6	22
7	Endogenous Hemoprotein-Dependent Signaling Pathways of Nitric Oxide and Nitrite. <i>Inorganic Chemistry</i> , 2021, 60, 15918-15940.	1.9	16
8	The Zebrafish Cytochrome <i>c</i> ₅ /Cytochrome <i>c</i> ₅ Reductase/NADH System Efficiently Reduces Cytoglobins 1 and 2: Conserved Activity of Cytochrome <i>c</i> ₅ /Cytochrome <i>c</i> ₅ Reductases during Vertebrate Evolution. <i>Biochemistry</i> , 2019, 58, 3212-3223.	1.2	12
9	Uncaging carbon disulfide. Delivery platforms for potential pharmacological applications: a mechanistic approach. <i>Chemical Science</i> , 2017, 8, 7186-7196.	3.7	10
10	Redox sensor properties of human cytoglobin allosterically regulate heme pocket reactivity. <i>Free Radical Biology and Medicine</i> , 2021, 162, 423-434.	1.3	8
11	Cytoglobin at the Crossroads of Vascular Remodeling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1803-1805.	1.1	4
12	Biological Thiols and Carbon Disulfide: The Formation and Decay of Trithiocarbonates under Physiologically Relevant Conditions. <i>ACS Omega</i> , 2017, 2, 6535-6543.	1.6	4
13	Regulation of nitrite reductase and lipid binding properties of cytoglobin by surface and distal histidine mutations. <i>Nitric Oxide - Biology and Chemistry</i> , 2022, 125-126, 12-22.	1.2	3