

Samantha M Powell

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

77
citations

1684188

5
h-index

1474206

9
g-index

13
all docs

13
docs citations

13
times ranked

119
citing authors

#	ARTICLE	IF	CITATIONS
1	Continuous assessment of metabolic activity of mitochondria using resonance Raman microspectroscopy. <i>Journal of Biophotonics</i> , 2021, 14, e202000384.	2.3	6
2	Transient absorption spectroscopy to explore cellular pathways to photobiomodulation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021, 222, 112271.	3.8	5
3	Mammalian complex III heme dynamics studied with pump-probe spectroscopy and red light illuminations. <i>Biomedical Optics Express</i> , 2021, 12, 7082.	2.9	3
4	The nitrosoamphetamine metabolite is accommodated in the active site of human hemoglobin: Spectroscopy and crystal structure. <i>Journal of Inorganic Biochemistry</i> , 2020, 213, 111262.	3.5	3
5	Wavelength- and irradiance-dependent changes in intracellular nitric oxide level. <i>Journal of Biomedical Optics</i> , 2020, 25, 1.	2.6	14
6	Femtosecond transient absorption spectroscopy to study the effects of low irradiance light on cytochrome c and cytochrome c reductase. , 2020, , .		0
7	Effects of specific inhibitors and low irradiance visible light on the redox cycling of cytochrome c in isolated mitochondria using resonance Raman spectroscopy. , 2020, , .		0
8	Nitrosyl Myoglobins and Their Nitrite Precursors: Crystal Structural and Quantum Mechanics and Molecular Mechanics Theoretical Investigations of Preferred Fe<i>â€“</i>NO Ligand Orientations in Myoglobin Distal Pockets. <i>Biochemistry</i> , 2018, 57, 4788-4802.	2.5	14
9	Wavelength dependence of intracellular nitric oxide levels in hTERT-RPE cells in vitro. , 2018, , .		1
10	Nitrosoamphetamine binding to myoglobin and hemoglobin: Crystal structure of the H64A myoglobin-nitrosoamphetamine adduct. <i>Nitric Oxide - Biology and Chemistry</i> , 2017, 67, 26-29.	2.7	4
11	Crystal structures of two nitroreductases from hypervirulent <i>Clostridium difficile</i> and functionally related interactions with the antibiotic metronidazole. <i>Nitric Oxide - Biology and Chemistry</i> , 2016, 60, 32-39.	2.7	11
12	Synthesis of tertiary amineâ€“based pHâ€“responsive polymers by <sc>RAFT</sc> Polymerization. <i>Journal of Polymer Science Part A</i> , 2015, 53, 1010-1022.	2.3	15