Gulshan R Walke

List of Publications by Year
in descending order

16 papers	129 citations	1307594 7 h-index	1281871 11 g-index
16 all docs	16 docs citations	16 times ranked	245 citing authors

#	Article	IF	Citations
1	Acetylcholinesterase and AÎ² Aggregation Inhibition by Heterometallic Ruthenium(II)â€“Platinum(II) Polypyridyl Complexes. Inorganic Chemistry, 2018, 57, 7524-7535.	4.0	30
2	Low catalytic activity of the Cu(<scp>ii</scp>)-binding motif (Xxx-Zzz-His; ATCUN) in reactive oxygen species production and inhibition by the Cu(<scp>i</scp>)-chelator BCS. Chemical Communications, 2018, 54, 11945-11948.	4.1	22
3	Fluorescent Copper Probe Inhibiting AÎ²1â€“16-Copper(II)-Catalyzed Intracellular Reactive Oxygen Species Production. Inorganic Chemistry, 2017, 56, 3729-3732.	4.0	12
4	Cisplatin Inhibits the Formation of a Reactive Intermediate during Copper-Catalyzed Oxidation of Amyloid Î² Peptide. Inorganic Chemistry, 2014, 53, 10003-10005.	4.0	11
5	Does the ATSM-Cu(II) Biomarker Integrate into the Human Cellular Copper Cycle?. ACS Omega, 2019, 4, 12278-12285.	3.5	10
6	Histidine availability is decisive in ROS-mediated cytotoxicity of copper complexes of AÎ²1â€“16 peptide. Free Radical Research, 2016, 50, 405-413.	3.3	9
7	Exploring the role of the various methionine residues in the Escherichia coli CusB adapter protein. PLoS ONE, 2019, 14, e0219337.	2.5	8
8	Effects of oxidation on copper-binding properties of AÎ²1-16 peptide: A pulse radiolysis study. Free Radical Research, 2013, 47, 1046-1053.	3.3	7
9	Effects of oxidation on redox and cytotoxic properties of copper complex of AÎ²1â€“16 peptide. Free Radical Research, 2014, 48, 1417-1425.	3.3	7
10	Dynamical interplay between the human high-affinity copper transporter hCtr1 and its cognate metal ion. Biophysical Journal, 2022, 121, 1194-1204.	0.5	6
11	Mn(III)â€Salen Protect Against Different ROS Species Generated by the AÎ²16â€Cu Complex. ChemistrySelect, 2016, 1, 3497-3501.	1.5	5
12	Cellular Uptake of the ATSMâˆ’Cu(II) Complex under Hypoxic Conditions. ChemistryOpen, 2021, 10, 486-492.	1.9	2
13	Exploring the role of the various methionine residues in the Escherichia coli CusB adapter protein. , 2019, 14, e0219337.		0
14	Exploring the role of the various methionine residues in the Escherichia coli CusB adapter protein. , 2019, 14, e0219337.		0
15	Exploring the role of the various methionine residues in the Escherichia coli CusB adapter protein. , 2019, 14, e0219337.		0
16	Exploring the role of the various methionine residues in the Escherichia coli CusB adapter protein. , 2019, 14, e0219337.		0