

Tooba Siddiqui

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

423
citations

1039406

9
h-index

794141

19
g-index

19
all docs

19
docs citations

19
times ranked

367
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive insight into the molecular interaction of an anticancer drug-ifosfamide with human alpha-2-macroglobulin: biophysical and <i>in silico</i> studies. Journal of Biomolecular Structure and Dynamics, 2022, 40, 3907-3916.	2.0	5
2	Characterization of the binding between anti-tumor drug 5-fluorouracil and human alpha-2-macroglobulin: spectroscopic and molecular docking analyses. Journal of Biomolecular Structure and Dynamics, 2022, 40, 7949-7959.	2.0	2
3	Interaction of organophosphate pesticide chlorpyrifos with alpha-2-macroglobulin: Biophysical and molecular docking approach. Journal of Immunoassay and Immunochemistry, 2021, 42, 138-153.	0.5	6
4	Interaction of Human Alpha-2-Macroglobulin with Pesticide Aldicarb Using Spectroscopy and Molecular Docking. Protein and Peptide Letters, 2021, 28, 315-322.	0.4	4
5	Quercetin-induced inactivation and conformational alterations of alpha-2-macroglobulin: multi-spectroscopic and calorimetric study. Journal of Biomolecular Structure and Dynamics, 2020, 38, 4107-4118.	2.0	8
6	Bilirubin binding affects the structure and function of alpha-2-macroglobulin. Journal of Immunoassay and Immunochemistry, 2020, 41, 841-851.	0.5	7
7	Understanding oxidants and antioxidants: Classical team with new players. Journal of Food Biochemistry, 2020, 44, e13145.	1.2	214
8	Influence of Ascorbic Acid on the Structure and Function of Alpha-2- macroglobulin: Investigations using Spectroscopic and Thermodynamic Techniques. Protein and Peptide Letters, 2020, 27, 201-209.	0.4	2
9	Inactivation of Alpha-2-Macroglobulin by Photo-Illuminated Gallic Acid. Journal of Fluorescence, 2019, 29, 969-979.	1.3	6
10	Understanding the binding interaction between methotrexate and human alpha-2-macroglobulin: Multi-spectroscopic and computational investigation. Archives of Biochemistry and Biophysics, 2019, 675, 108118.	1.4	10
11	Biophysical analysis of interaction between curcumin and alpha-2-macroglobulin. International Journal of Biological Macromolecules, 2019, 128, 385-390.	3.6	13
12	Investigating hydrogen peroxide induced damage to alpha-2-macroglobulin: Biophysical and thermodynamic study. Journal of Molecular Structure, 2019, 1195, 904-913.	1.8	5
13	Deciphering the binding of dutasteride with human alpha-2-macroglobulin: Molecular docking and calorimetric approach. International Journal of Biological Macromolecules, 2019, 133, 1081-1089.	3.6	13
14	Chemotherapeutic Drugs and Plasma Proteins: Exploring New Dimensions. Current Protein and Peptide Science, 2018, 19, 937-947.	0.7	10
15	Insight into the interactions of proteinase inhibitor- alpha-2-macroglobulin with hypochlorite. International Journal of Biological Macromolecules, 2018, 117, 401-406.	3.6	24
16	Interaction of anti-cancer drug-cisplatin with major proteinase inhibitor-alpha-2-macroglobulin: Biophysical and thermodynamic analysis. International Journal of Biological Macromolecules, 2018, 116, 721-727.	3.6	19
17	Exploring the interaction of anti-androgen drug-bicalutamide with human alpha-2-macroglobulin: A biophysical investigation. International Journal of Biological Macromolecules, 2018, 120, 2285-2292.	3.6	14
18	Binding interaction of sheep alpha-2-macroglobulin and tannic acid: A spectroscopic and thermodynamic study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 204, 748-753.	2.0	15

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19	Reactive oxygen species and anti-proteinases. Archives of Physiology and Biochemistry, 2016, 122, 1-7.	1.0	46