

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36 papers	593 citations	14 h-index	23 g-index
38 ext. papers	725 ext. citations	4 avg, IF	4.27 L-index

#	Paper	IF	Citations
36	Inhibitors of apoptosis: clinical implications in cancer. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2017 , 22, 1487-1509	5.4	87
35	SEDFIT-MSTAR: molecular weight and molecular weight distribution analysis of polymers by sedimentation equilibrium in the ultracentrifuge. <i>Analyst, The</i> , 2014 , 139, 79-92	5	68
34	Cytochrome P450: Polymorphisms and Roles in Cancer, Diabetes and Atherosclerosis. <i>Asian Pacific Journal of Cancer Prevention</i> , 2018 , 19, 2057-2070	1.7	68
33	Augmented control of drug-resistant <i>Candida</i> spp. via fluconazole loading into fungal chitosan nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2019 , 141, 511-516	7.9	27
32	Augmented anticancer activity of curcumin loaded fungal chitosan nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2020 , 155, 861-867	7.9	27
31	Induction of apoptosis by pyrazolo[3,4-d]pyridazine derivative in lung cancer cells via disruption of Bcl-2/Bax expression balance. <i>Bioorganic and Medicinal Chemistry</i> , 2018 , 26, 623-629	3.4	22
30	Molecular interactions of AL3818 (anlotinib) to human serum albumin as revealed by spectroscopic and molecular docking studies. <i>Journal of Molecular Liquids</i> , 2019 , 273, 259-265	6	21
29	Raloxifene-encapsulated hyaluronic acid-decorated chitosan nanoparticles selectively induce apoptosis in lung cancer cells. <i>Bioorganic and Medicinal Chemistry</i> , 2019 , 27, 1629-1638	3.4	20
28	Biophysical and In Silico Studies of the Interaction between the Anti-Viral Agents Acyclovir and Penciclovir, and Human Serum Albumin. <i>Molecules</i> , 2017 , 22,	4.8	20
27	Ultracentrifuge Methods for the Analysis of Polysaccharides, Glycoconjugates, and Lignins. <i>Methods in Enzymology</i> , 2015 , 562, 391-439	1.7	19
26	An analytical ultracentrifugation based study on the conformation of lambda carrageenan in aqueous solution. <i>Carbohydrate Polymers</i> , 2013 , 97, 203-9	10.3	19
25	Antidepressants are cytotoxic to rat primary blood brain barrier endothelial cells at high therapeutic concentrations. <i>Toxicology in Vitro</i> , 2017 , 44, 154-163	3.6	17
24	Multi-spectroscopic and molecular docking technique study of the azelastine interaction with human serum albumin. <i>Journal of Molecular Structure</i> , 2020 , 1201, 127147	3.4	16
23	Novel BTK inhibitor acalabrutinib (ACP-196) tightly binds to site I of the human serum albumin as observed by spectroscopic and computational studies. <i>International Journal of Biological Macromolecules</i> , 2019 , 127, 536-543	7.9	15
22	CYTOCHROME P450 CYP1B1*2 GENE AND ITS ASSOCIATION WITH T2D IN TABUK POPULATION, NORTHWESTERN REGION OF SAUDI ARABIA. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2018 , 11, 55	0.4	14
21	Hydrodynamic characterisation of chitosan and its interaction with two polyanions: DNA and xanthan. <i>Carbohydrate Polymers</i> , 2015 , 122, 359-66	10.3	13
20	Effectual Anticancer Potentiality of Loaded Bee Venom onto Fungal Chitosan Nanoparticles. <i>International Journal of Polymer Science</i> , 2020 , 2020, 1-9	2.4	11

19	Unraveling the binding characteristics of the anti-HIV agents abacavir, efavirenz and emtricitabine to bovine serum albumin using spectroscopic and molecular simulation approaches. <i>Journal of Molecular Liquids</i> , 2018 , 251, 345-357	6	11
18	Solution conformation and flexibility of capsular polysaccharides from <i>Neisseria meningitidis</i> and glycoconjugates with the tetanus toxoid protein. <i>Scientific Reports</i> , 2016 , 6, 35588	4.9	11
17	A glycoconjugate of <i>Haemophilus influenzae</i> Type b capsular polysaccharide with tetanus toxoid protein: hydrodynamic properties mainly influenced by the carbohydrate. <i>Scientific Reports</i> , 2016 , 6, 22208	4.9	11
16	Urinary biomarkers for early detection of platinum based drugs induced nephrotoxicity. <i>BMC Nephrology</i> , 2018 , 19, 219	2.7	11
15	Honey attenuates the toxic effects of the low dose of tartrazine in male rats. <i>Journal of Food Biochemistry</i> , 2019 , 43, e12780	3.3	10
14	Biophysical insights into the interaction of clofazimine with human alpha 1-acid glycoprotein: a multitechnique approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019 , 37, 1390-1401	3.6	10
13	The chelation of colonic luminal iron by a unique sodium alginate for the improvement of gastrointestinal health. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 2098-108	5.9	7
12	Application of Chitosan/Alginate Nanocomposite Incorporated with Phycosynthesized Iron Nanoparticles for Efficient Remediation of Chromium. <i>Polymers</i> , 2021 , 13,	4.5	7
11	Application of recent advances in hydrodynamic methods for characterising mucins in solution. <i>European Biophysics Journal</i> , 2016 , 45, 45-54	1.9	6
10	Analysis of patients with end-stage renal disease on dialysis in Tabuk City, Saudi Arabia: A single-center, three-year retrospective study. <i>Saudi Journal of Kidney Diseases and Transplantation: an Official Publication of the Saudi Center for Organ Transplantation, Saudi Arabia</i> , 2017 , 28, 349-354	0.6	6
9	SLC2A2 Gene (Glucose Transporter 2) Variation is Associated with an Increased Risk of Developing T2d in an Ethnic Population of Saudi Arabia. <i>Indian Journal of Public Health Research and Development</i> , 2019 , 10, 600	1.4	6
8	Recent advances in the analysis of macromolecular interactions using the matrix-free method of sedimentation in the analytical ultracentrifuge. <i>Biology</i> , 2015 , 4, 237-50	4.9	3
7	Isolation and Biophysical Characterisation of Bioactive Polysaccharides from <i>Cucurbita Moschata</i> (Butternut Squash). <i>Polymers</i> , 2020 , 12,	4.5	3
6	Aspects of the Analytical Ultracentrifuge Determination of the Molar Mass Distribution of Polysaccharides 2016 , 375-386		1
5	The antioxidant and antidiabetic activity of the Arabian balsam tree <i>Commiphora gileadensis</i> in hyperlipidaemic male rats. <i>Journal of Taibah University for Science</i> , 2020 , 14, 831-841	3	1
4	Biophysical Insight into the Interaction of Human Lysozyme with Anticancer Drug Anastrozole: A Multitechnique Approach. <i>Scientific World Journal, The</i> , 2020 , 2020, 8363685	2.2	1
3	On the binding reaction of loratadine with human serum acute phase protein alpha 1-acid glycoprotein. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 1-8	3.6	1
2	Biophysical insight into the interaction of levocabastine with human serum albumin: spectroscopy and molecular docking approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 39, 1525-1534	3.6	1

- 1 The Identification of a Novel Unsymmetrical Azine as an Apoptosis Inducer in Colorectal Cancer.
Anti-Cancer Agents in Medicinal Chemistry, **2021**, 21, 406-413 2.2 1