

Mohammad H Semreen

List of Publications by Year in descending order

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papers

679
citations

623734

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610901

24
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37
all docs

37
docs citations

37
times ranked

967
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent updates of marine antimicrobial peptides. Saudi Pharmaceutical Journal, 2018, 26, 396-409.	2.7	71
2	Human health risk assessment of pharmaceuticals in treated wastewater reused for non-potable applications in Sharjah, United Arab Emirates. Environment International, 2018, 121, 325-331.	10.0	68
3	Design, Synthesis, and Qualitative Structure-Activity Evaluations of Novel β -Secretase Inhibitors as Potential Alzheimer's Drug Leads. Journal of Medicinal Chemistry, 2011, 54, 8373-8385.	6.4	46
4	Modulation of DNA damage response and induction of apoptosis mediates synergism between doxorubicin and a new imidazopyridine derivative in breast and lung cancer cells. DNA Repair, 2016, 37, 1-11.	2.8	46
5	Assessment of herbal drugs for promising anti-Candida activity. BMC Complementary and Alternative Medicine, 2017, 17, 257.	3.7	44
6	Simultaneous Determination of Pharmaceuticals by Solid-phase Extraction and Liquid Chromatography-Tandem Mass Spectrometry: A Case Study from Sharjah Sewage Treatment Plant. Molecules, 2019, 24, 633.	3.8	32
7	Metabolic Profiling of Candida auris, a Newly-Emerging Multi-Drug Resistant Candida Species, by GC-MS. Molecules, 2019, 24, 399.	3.8	31
8	Phenolic Composition and Antimicrobial Activity of Different Emirati Date (Phoenix dactylifera L.) Pits: A Comparative Study. Plants, 2019, 8, 497.	3.5	29
9	Design, synthesis, and biological evaluation of new arylamide derivatives possessing sulfonate or sulfamate moieties as steroid sulfatase enzyme inhibitors. Bioorganic and Medicinal Chemistry, 2016, 24, 2762-2767.	3.0	27
10	Assessment of sulfamethoxazole removal by nanoscale zerovalent iron. Science of the Total Environment, 2021, 761, 143307.	8.0	24
11	Evaluation of imidazo[2,1-b]thiazole-based anticancer agents in one decade (2011-2020): Current status and future prospects. Bioorganic and Medicinal Chemistry, 2021, 29, 115897.	3.0	19
12	Nanotechnological Advances for Cutaneous Release of Tretinoin: An Approach to Minimize Side Effects and Improve Therapeutic Efficacy. Current Medicinal Chemistry, 2018, 25, 3703-3718.	2.4	18
13	Synthesis, biological evaluation, and molecular docking study of sulfonate derivatives as nucleotide pyrophosphatase/phosphodiesterase (NPP) inhibitors. Bioorganic and Medicinal Chemistry, 2019, 27, 2741-2752.	3.0	17
14	GC-MS based comparative metabolomic analysis of MCF-7 and MDA-MB-231 cancer cells treated with Tamoxifen and/or Paclitaxel. Journal of Proteomics, 2020, 225, 103875.	2.4	17
15	Tandem Multicomponent Reactions Toward the Design and Synthesis of Novel Antibacterial and Cytotoxic Motifs. Current Medicinal Chemistry, 2013, 20, 1445-1459.	2.4	17
16	Effective targeting of breast cancer cells (MCF7) via novel biogenic synthesis of gold nanoparticles using cancer-derived metabolites. PLoS ONE, 2020, 15, e0240156.	2.5	15
17	Quantitative determination of doxorubicin in the exosomes of A549/MCF-7 cancer cells and human plasma using ultra performance liquid chromatography-tandem mass spectrometry. Saudi Pharmaceutical Journal, 2018, 26, 1027-1034.	2.7	14
18	Long-COVID, Metabolic and Endocrine Disease. Hormone and Metabolic Research, 2022, 54, 562-566.	1.5	12

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19	Determination of Heavy Metal Content in Wild-Edible Mushroom from Jordan. <i>Analytical Letters</i> , 2011, 44, 932-941.	1.8	11
20	Targeting γ -Aminobutyric Acid (GABA) Carriers to the Brain: Potential Relevance as Antiepileptic Pro-Drugs. <i>Medicinal Chemistry</i> , 2010, 6, 144-149.	1.5	11
21	Anti-inflammatory activity of Achillea and Ruscus topical gel on carrageenan-induced paw edema in rats. <i>Acta Poloniae Pharmaceutica</i> , 2006, 63, 277-80.	0.1	11
22	Untargeted Metabolomics of Breast Cancer Cells MCF-7 and SkBr3 Treated With Tamoxifen/Trastuzumab. <i>Cancer Genomics and Proteomics</i> , 2022, 19, 79-93.	2.0	11
23	Tandem Achmatowicz-Knoevenagel protocol: diastereoselective synthesis and anticancer evaluation of cyclopenta[b]pyrane derivatives. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 5375.	2.8	9
24	Quick and Sensitive UPLC-ESI-MS/MS Method for Simultaneous Estimation of Sofosbuvir and Its Metabolite in Human Plasma. <i>Molecules</i> , 2019, 24, 1302.	3.8	9
25	Contaminants of emerging concern in Sharjah wastewater treatment plant, Sharjah, UAE. <i>Journal of Environmental Engineering and Science</i> , 2019, 14, 225-234.	0.8	8
26	Comparative sphingolipidomic analysis reveals significant differences between doxorubicin-sensitive and -resistance MCF-7 cells. <i>PLoS ONE</i> , 2021, 16, e0258363.	2.5	8
27	Identification of Insulin Resistance Biomarkers in Metabolic Syndrome Detected by UHPLC-ESI-QTOF-MS. <i>Metabolites</i> , 2022, 12, 508.	2.9	8
28	Assessment of Uptake, Accumulation and Degradation of Paracetamol in Spinach (<i>Spinacia oleracea</i> L.) under Controlled Laboratory Conditions. <i>Plants</i> , 2022, 11, 1626.	3.5	8
29	LC-UV METHOD DEVELOPMENT AND VALIDATION FOR THE NON STEROIDAL ANTI-INFLAMMATORY AGENT TENOXICAM. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2010, 33, 720-729.	1.0	7
30	Investigation of the Factors That Dictate the Preferred Orientation of Lexitropsins in the Minor Groove of DNA. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 10423-10440.	6.4	7
31	Comparative metabolomics of MCF-7 breast cancer cells using different extraction solvents assessed by mass spectroscopy. <i>Scientific Reports</i> , 2019, 9, 13126.	3.3	7
32	Antiproliferative activity of cycloalkanecarboxamide derivatives possessing sulfonate or sulfamate moiety. <i>Bioorganic Chemistry</i> , 2020, 97, 103677.	4.1	6
33	In vitro dissolution kinetic study of theophylline from hydrophilic and hydrophobic matrices. <i>Acta Poloniae Pharmaceutica</i> , 2006, 63, 63-7.	0.1	6
34	EXPERIMENTAL DESIGN STRATEGIES IN LC METHOD DEVELOPMENT AND IN ROBUSTNESS TESTING FOR REVERSIBLE CHOLINESTERASE INHIBITOR RIVASTIGMINE IN PHARMACEUTICAL FORMULATION. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2009, 33, 191-201.	1.0	1
35	Metabolic conversion of β -pinene to β -ionone in rats. <i>Xenobiotica</i> , 2021, 51, 1427-1435.	1.1	1
36	Clinical investigation of lipoprotein (a) levels in type 2 diabetics for cardiovascular diseases prediction and prognosis. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2022, 43, 263-271.	0.7	1