

Rana Abu-Dahab

List of Publications by Citations

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38
papers

755
citations

14
h-index

27
g-index

40
ext. papers

885
ext. citations

3.4
avg, IF

4.03
L-index

#	Paper	IF	Citations
38	Thymoquinone in liposomes: a study of loading efficiency and biological activity towards breast cancer. <i>Drug Delivery</i> , 2012 , 19, 371-7	7	112
37	Volatile oil composition and antiproliferative activity of <i>Laurus nobilis</i> , <i>Origanum syriacum</i> , <i>Origanum vulgare</i> , and <i>Salvia triloba</i> against human breast adenocarcinoma cells. <i>Nutrition Research</i> , 2010 , 30, 271-8	4	111
36	Lectin-functionalized liposomes for pulmonary drug delivery: effect of nebulization on stability and bioadhesion. <i>European Journal of Pharmaceutical Sciences</i> , 2001 , 14, 37-46	5.1	70
35	Drug absorption by the respiratory mucosa: cell culture models and particulate drug carriers. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2002 , 15, 131-9		66
34	Antiproliferative activity of selected medicinal plants of Jordan against a breast adenocarcinoma cell line (MCF7). <i>Scientia Pharmaceutica</i> , 2007 , 75, 121-136	4.3	53
33	Depletion of alveolar macrophages by clodronate-liposomes aggravates ischemia-reperfusion injury of the lung. <i>Journal of Heart and Lung Transplantation</i> , 2005 , 24, 38-45	5.8	46
32	Lectin-functionalized liposomes for pulmonary drug delivery: interaction with human alveolar epithelial cells. <i>Journal of Drug Targeting</i> , 2001 , 9, 241-51	5.4	36
31	Synthesis and antibacterial properties of new 8-nitrofluoroquinolone derivatives. <i>Molecules</i> , 2007 , 12, 1240-58	4.8	34
30	Medicinal plants from Jordan in the treatment of cancer: traditional uses vs. in vitro and in vivo evaluations--part 1. <i>Planta Medica</i> , 2011 , 77, 1203-9	3.1	24
29	Medicinal plants from Jordan in the treatment of diabetes: traditional uses vs. in vitro and in vivo evaluations--part 2. <i>Planta Medica</i> , 2011 , 77, 1210-20	3.1	24
28	Comparison of the antiproliferative activity of crude ethanol extracts of nine salvia species grown in Jordan against breast cancer cell line models. <i>Pharmacognosy Magazine</i> , 2012 , 8, 319-24	0.8	23
27	Phytochemical screening and biological activities of <i>Eminium spiculatum</i> (Blume) Kuntze (family Araceae). <i>Natural Product Research</i> , 2012 , 26, 878-82	2.3	19
26	An in vitro based investigation into the cytotoxic effects of D-amino acids. <i>Acta Pharmaceutica</i> , 2013 , 63, 467-78	3.2	17
25	Cholesterol-coated gold nanorods as an efficient nano-carrier for chemotherapeutic delivery and potential treatment of breast cancer: studies using the MCF-7 cell line.. <i>RSC Advances</i> , 2019 , 9, 12718-12731	3.7	14
24	The antiangiogenic activities of ethanolic crude extracts of four <i>Salvia</i> species. <i>BMC Complementary and Alternative Medicine</i> , 2013 , 13, 358	4.7	13
23	Interaction of Gold Nanorods with Human Dermal Fibroblasts: Cytotoxicity, Cellular Uptake, and Wound Healing. <i>Nanomaterials</i> , 2019 , 9,	5.4	11
22	Heterocycles [h]-fused onto 4-oxoquinoline-3-carboxylic acid, part VIII [1]. Convenient synthesis and antimicrobial properties of substituted hexahydro[1,4]diazepino[2,3-h]quinoline-9-carboxylic acid and its tetrahydroquino[7,8-b]benzodiazepine analog. <i>Molecules</i> , 2008 , 13, 2880-93	4.8	11

21	Insights into the Cellular Uptake, Cytotoxicity, and Cellular Death Modality of Phospholipid-Coated Gold Nanorods toward Breast Cancer Cell Lines. <i>Molecular Pharmaceutics</i> , 2019 , 16, 4149-4164	5.6	10
20	Antiproliferative activity of the combination of doxorubicin/quercetin on MCF7 breast cancer cell line: A combined study using colorimetric assay and synchrotron infrared microspectroscopy. <i>Infrared Physics and Technology</i> , 2018 , 95, 141-147	2.7	8
19	Prevalence and pattern of substance use and misuse among anesthesia health-care personnel in Jordan. <i>Journal of Substance Use</i> , 2019 , 24, 317-322	0.8	7
18	In vitro effects of Geranium graveolens, Sarcopoterium spinosum and Varthemia iphionoides extracts on pancreatic MIN6 proliferation and insulin secretion and on extrapancreatic glucose diffusion. <i>International Journal of Diabetes in Developing Countries</i> , 2013 , 33, 170-177	0.8	6
17	Preparation and Characterization of an Oral Norethindrone Sustained Release/Controlled Release Nanoparticles Formulation Based on Chitosan. <i>AAPS PharmSciTech</i> , 2019 , 20, 54	3.9	6
16	The effect of ferrous ions, calcium ions and citric acid on absorption of ciprofloxacin across caco-2 cells: practical and structural approach. <i>Drug Development and Industrial Pharmacy</i> , 2019 , 45, 292-303	3.6	5
15	Gold Nanocomplex Strongly Modulates the PI3K/Akt Pathway and Other Pathways in MCF-7 Breast Cancer Cell Line. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4
14	Composition of the Essential Oils from Salvia Dominica L. and Salvia Hormium L. Grown in Jordan. <i>Jordan Journal of Pharmaceutical Sciences</i> , 2013 , 6, 40-47		4
13	Quercetin-gold nanorods incorporated into nanofibers: development, optimization and cytotoxicity.. <i>RSC Advances</i> , 2021 , 11, 19956-19966	3.7	4
12	Mechanistic studies of antiproliferative effects of Salvia triloba and Salvia dominica (Lamiaceae) on breast cancer cell lines (MCF7 and T47D). <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2014 , 69, 443-51	1.7	4
11	Effect of the Gallling Aphid of Baizongia pistaciae L. on Composition and Biological Activities of Essential Oils of Pistacia atlantica Desf. Growing Wild in Jordan. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2017 , 20, 791-800	1.7	3
10	Interaction of gold nanorods with cell culture media: Colloidal stability, cytotoxicity and cellular death modality. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 60, 101965	4.5	3
9	Glyceryl monooleate-based otic delivery system of ofloxacin: release profile and bactericidal activity. <i>Pharmaceutical Development and Technology</i> , 2015 , 20, 361-6	3.4	2
8	Colloidal Stability and Cytotoxicity of Polydopamine-Conjugated Gold Nanorods against Prostate Cancer Cell Lines. <i>Molecules</i> , 2021 , 26,	4.8	2
7	The In Vitro Immunomodulatory Effects of Gold Nanocomplex on THP-1-Derived Macrophages.. <i>Journal of Immunology Research</i> , 2022 , 2022, 6031776	4.5	1
6	Cytotoxicity and Cellular Death Modality of Surface-Decorated Gold Nanorods against a Panel of Breast Cancer Cell Lines. <i>ACS Omega</i> , 2021 , 6, 15903-15910	3.9	1
5	Phospholipid-Gold Nanorods Induce Energy Crisis in MCF-7 Cells: Cytotoxicity Evaluation Using LC-MS-Based Metabolomics Approach. <i>Biomolecules</i> , 2021 , 11,	5.9	1
4	Second-hand exposure to aerosolized intravenous anesthetics (fentanyl) among anesthesiologists in Jordan. <i>Journal of Substance Use</i> , 2020 , 25, 405-411	0.8	0

- 3 Inhibition of protein kinases by proton pump inhibitors: computational screening and in vitro evaluation. *Medicinal Chemistry Research*, **2021**, 30, 2266-2276 2.2 0
- 2 Studies on potential interaction between cinacalcet hydrochloride and diclofenac sodium. *Biophysical Chemistry*, **2020**, 266, 106460 3.5
- 1 Solubility of Gliclazide and Ion-Molecular Interactions with Aminopropanol in Aqueous Solutions. *Russian Journal of Physical Chemistry A*, **2018**, 92, 84-92 0.7