



No.	Title	Authors	Journal	Impact Factor
1	Relaxant effect of ethanol extract of <i>Carum carvi</i> on dispersed intestinal smooth muscle cells of the guinea pig	Al-Essa, Mohammed K.; Shafagoj, Yanal A.; Mohammed, Faysal I.; Afifi, Fatma U.	Pharmaceutical Biology (London, United Kingdom) (2010), 48(1), 76-80.	0.488
2	Simultaneous determination of irbesartan and hydrochlorothiazide in human plasma using HPLC coupled with tandem mass spectrometry: Application to bioequivalence studies	Tutunji, Lara F.; Tutunji, Maha F.; Alzoubi, Mamoun I.; Khabbas, Manal H.; Arida, Adi I.	Journal of Pharmaceutical and Biomedical Analysis (2010), 51(4), 985-990.	2.629
3	<i>Terminalia bellirica</i> stimulates the secretion and action of insulin and inhibits starch digestion and protein glycation in vitro	Kasabri, Violet; Flatt, Peter R.; Abdel-Wahab, Yasser H. A.	British Journal of Nutrition (2010), 103(2), 212-217.	2.764
4	Pharmacophore and QSAR modeling of estrogen receptor β ligands and subsequent validation and in silico search for new hits	Taha, Mutasem O.; Tarairah, Mai; Zalloum, Hiba; Abu-Sheikha, Ghassan	Journal of Molecular Graphics & Modelling (2010), 28(5), 383-400.	2.347
5	Pharmacological evaluation of novel indole-2-carboxamides as potent lipid-lowering agents in Triton-WR-1339-induced hyperlipidemic rats	Al-Qirim, Tariq; Shahwan, Moyad; Shattat, Ghassan; Al-Hiari, Yusuf; Abu Sheikha, Ghassan; Zaidi, Syed	Zeitschrift fuer Naturforschung, C: Journal of Biosciences (2009), 64(9/10), 619-625.	NA
6	Phenytoin enhances collagenization in excision wounds and tensile strength in incision wounds	Qunaibi, E. A.; Disi, A. M.; Taha, M. O.	Pharmazie (2009), 64(9), 584-586.	0.858
7	A convenient synthesis of 1-alkyl-7-chloro-6-fluoro-3-nitro-4-quinolones	Al-Qawasmeh, Raed A.; Zahra, Jalal A.; Khanfar, Monther A.; Al-Hiari, Yusuf M.; El-Abadelah, Mustafa M.; Voelter, Wolfgang	Letters in Organic Chemistry (2009), 6(6), 511-514.	0.915
8	Inhibition of dipeptidyl peptidase IV (DPP IV) is one of the mechanisms explaining the hypoglycemic effect of berberine	Al-Masri, Ihab M.; Mohammad, Mohammad K.; Tahaa, Mutasem O.	Journal of Enzyme Inhibition and Medicinal Chemistry (2009), 24(5), 1061-1066.	1.421
9	LC-MS and LC-PDA analysis of <i>Hypericum empetrifolium</i> and <i>Hypericum sinaicum</i>	Alali, Feras Q.; Tawaha, Khaled; Gharaibeh, Mohammad	Zeitschrift fuer Naturforschung, C: Journal of Biosciences (2009), 64(7/8), 476-482.	NA
10	In silico screening for non-nucleoside HIV-1 reverse transcriptase inhibitors using physicochemical filters and high-throughput docking followed by in vitro evaluation	Bustanji, Yasser; Al-Masri, Ihab M.; Qasem, Ahmad; Al-Bakri, Amal G.; Taha, Mutasem Omar	Chemical Biology & Drug Design (2009), 74(3), 258-265.	2.375



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11	The assessment of the antibacterial and antifungal activities of aspirin, EDTA and aspirin-EDTA combination and their effectiveness as antibiofilm agents	Al-Bakri, A. G.; Othman, G.; Bustanji, Y.	Journal of Applied Microbiology (2009), 107(1), 280-286.	2.028
12	Caffeine metabolic ratios for the in vivo evaluation of CYP1A2, N-acetyltransferase 2, xanthine oxidase and CYP2A6 enzymatic activities	Hakooz, Nancy M. Kh.	Current Drug Metabolism (2009), 10(4), 329-338.	4.35
13	Lipid profile in Jordanian children with β -thalassemia major	Mansi, Kamal M.; Aburjai, Talal A.	UHOD, Uluslararası Hematoloji-Onkoloji Dergisi (2008), 18(2), 93-98.	NA
14	Chemopreventive effect of raw and cooked lentils (<i>Lens culinaris</i> L) and soybeans (<i>Glycine max</i>) against azoxymethane-induced aberrant crypt foci	Faris, Mo'ez Al-Islam E.; Takruri, Hamed R.; Shomaf, Maha S.; Bustanji, Yasser K.	Nutrition Research (New York, NY, United States) (2009), 29(5), 355-362.	0.866
15	Docking simulations and in vitro assay unveil potent inhibitory action of papaverine against protein tyrosine phosphatase 1B	Bustanji, Yasser; Taha, Mutasem Omar; Al-Masri, Ihab Mustafa; Mohammad, Mohammad Khalil	Biological & Pharmaceutical Bulletin (2009), 32(4), 640-645.	1.765
16	Inhibition of glycogen synthase kinase by curcumin: Investigation by simulated molecular docking and subsequent in vitro/in vivo evaluation	Bustanji, Yasser; Taha, Mutasem O.; Almasri, Ihab M.; Al-Ghusein, Mohamed A. S.; Mohammad, Mohammad K.; Alkhatib, Hatim S.	Journal of Enzyme Inhibition and Medicinal Chemistry (2009), 24(3), 771-778.	1.421
17	Simultaneous determination of bisoprolol and hydrochlorothiazide in human plasma by HPLC coupled with tandem mass spectrometry	Tutunji, Maha F.; Ibrahim, Husam M.; Khabbas, Manal H.; Tutunji, Lara F.	Journal of Chromatography, B: Analytical Technologies in the Biomedical and Life Sciences (2009), 877(16+17), 1689-1697.	2.5
18	Proliferation of antibiotic-producing bacteria and concomitant antibiotic production as the basis for the antibiotic activity of Jordan's red soils	Falkinham, Joseph O., III; Wall, Thomas E.; Tanner, Justin R.; Tawaha, Khaled; Alali, Feras Q.; Li, Chen; Oberlies, Nicholas H.	Applied and Environmental Microbiology (2009), 75(9), 2735-2741.	3.801
19	Drug-loaded casein beads: influence of different metal-types as cross-linkers and oleic acid as a plasticizer on some properties of the beads	Bani-Jaber, A.; Aideh, K.; Hamdan, I.; Maraqa, R.	Journal of Drug Delivery Science and Technology (2009), 19(2), 125-131.	0.44



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20	Homology modeling of MCH1 receptor and validation by docking/scoring and protein-aligned CoMFA	Abu-Hammad, Areej; Zalloum, Waleed A.; Zalloum, Hiba; Abu-Sheikha, Ghassan; Taha, Mutasem O.	European Journal of Medicinal Chemistry (2009), 44(6), 2583-2596.	2.882
21	The effect of COX1 and COX2 inhibitors on the antibacterial activity of selected antibiotics against standard and methicillin-resistant Staphylococcus aureus	Darwish, Rula M.; Aburjai, T.; Al-Khalil, S.; Hadidi, K.	Jordan Journal of Pharmaceutical Sciences (2009), 2(1), 76-85.	NA
22	Comparative analysis of the essential oils of Teucrium polium L. grown in different arid & semi arid habitats in Jordan	Afifi, Fatma U.; Abu-Irmaileh, Barakat. E.; Al-Noubani, Rinad. A.	Jordan Journal of Pharmaceutical Sciences (2009), 2(1), 42-52.	NA
23	Synthesis of 1-benzyl-1,2,3,4-tetrahydroisoquinoline, Part I: Grignard synthesis of 1-(substituted benzyl)-1,2,3,4-tetrahydroisoquinoline models with potential antibacterial activity	Al-Hiari, Yusuf M.; Sweileh, Bassam A.; Shakya, Ashok K.; Abu Sheikha, Ghassan; Almuhtaseb, Sabah I.	Jordan Journal of Pharmaceutical Sciences (2009), 2(1), 1-21.	NA
24	Effect of increasing concentrations of quinine on the volatile compounds in cultured tissues of Iris atrofusca Baker and Iris petrana Dinsmore	Al-Gabbiesh, Ahmad H.; Hassawi, Dhia S.; Taha, Mutasem O.; Afifi, Fatma U.	Biotechnology (Faisalabad, Pakistan) (2007), 6(2), 218-224.	NA
25	Pharmacophore Modeling, Quantitative Structure-Activity Relationship Analysis, and Shape-Complemented in Silico Screening Allow Access to Novel Influenza Neuraminidase Inhibitors	Abu Hammad, Areej M.; Taha, Mutasem O.	Journal of Chemical Information and Modeling (2009), 49(4), 978-996.	3.643
26	Identification of the consolidation mechanisms of Emcompress	Arida, Adi I.; Al-Tabakha, Moawia M.; Dababneh, Basem F.; Al-Jawad, Fuad H.; Khanfar, Mai S.	Jordan Journal of Pharmaceutical Sciences (2008), 1(2), 111-125.	NA
27	A quantitative study of the effect of pH on the dyeing process with juglone	Amro, Bassam	Jordan Journal of Pharmaceutical Sciences (2008), 1(2), 105-110.	NA
28	Development and Validation of a HPLC Method for Determination of Potential Residual Cortisone Compounds in Timolol Maleate Eye Drops	Hamdan, Imad I.; Qurani, Huda	Journal of Liquid Chromatography & Related Technologies (2009), 32(3), 449-467.	1.026



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29	Screening of Jordanian flora for α - Amylase inhibitory activity	Hamdan, Imad I.; Afifi, Fatma U.	Pharmaceutical Biology (New York, NY, United States) (2008), 46(10-11), 746-750.	0.488
30	Assessment of the bioequivalence of two formulations of clarithromycin extended-release 500-mg tablets under fasting and fed conditions: a single-dose, randomized, open-label, two-period, two-way crossover study in healthy Jordanian male volunteers	Alkhalidi, Bashar A.; Tamimi, Jaafar J.; Salem, Isam I.; Ibrahim, Husain; Sallam, Alsayed Alarabi I.	Clinical Therapeutics (2008), 30(10), 1831-1843.	3.064
31	Discovery of DPP IV inhibitors by pharmacophore modeling and QSAR analysis followed by in silico screening	Al-masri, Ihab M.; Mohammad, Mohammad K.; Taha, Mutasem O.	ChemMedChem (2008), 3(11), 1763-1779.	3.15
32	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	Al-Hiari, Yusuf M.; Abu-Dahab, Rana; El-Abadelah, Mustafa M.	Molecules (2008), 13(11), 2880-2893.	1.252
33	Development of predictive in silico model for cyclosporine- and aureobasidin-based P-glycoprotein inhibitors employing receptor surface analysis	Zalloum, Hiba M.; Taha, Mutasem O.	Journal of Molecular Graphics & Modelling (2008), 27(4), 439-451.	2.347
34	Modulation of buspirone HCl release from hypromellose matrices using chitosan succinate: Implications for pH-independent release	AlKhatib, Hatim S.; Aiedeh, Khaled M.; Bustanji, Yasser; Hamed, Saja; Mohammad, M. K.; AlKhalidi, Bashar; Najjar, Samer	European Journal of Pharmaceutics and Biopharmaceutics (2008), 70(3), 804-812.	3.344
35	A new, nonphosgene route to poly(bisphenol A carbonate) by melt-phase interchange reactions of alkylene diphenyl dicarbonates with bisphenol A	Sweileh, Bassam A.; A-Hiari, Yusuf M.; Aiedeh, Khaled M.	Journal of Applied Polymer Science (2008), 110(4), 2278-2292.	1.187



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36	Colchicinoids from <i>Colchicum crocifolium</i> Boiss.: a case study in dereplication strategies for (-)-colchicine and related analogues using LC-MS and LC-PDA techniques	Alali, Feras Q.; Gharaibeh, Ahmad; Ghawanmeh, Abdullah; Tawaha, Khaled; Oberlies, Nicholas H.	Phytochemical Analysis (2008), 19(5), 385-394.	1.542
37	Combining Ligand-Based Pharmacophore Modeling, Quantitative Structure-Activity Relationship Analysis and in Silico Screening for the Discovery of New Potent Hormone Sensitive Lipase Inhibitors	Taha, Mutasem O.; Dahabiyeh, Lina A.; Bustanji, Yasser; Zalloum, Hiba; Saleh, Suhair	Journal of Medicinal Chemistry (2008), 51(20), 6478-6494.	4.898
38	Smoking behaviour modulates pharmacokinetics of orally administered clopidogrel	Yousef, A.-M.; Arafat, T.; Bulatova, N. R.; Al-Zumyli, R.	Journal of Clinical Pharmacy and Therapeutics (2008), 33(4), 439-449.	1.755
39	A comparative study of first-derivative spectrophotometry and column high-performance liquid chromatography applied to the determination of repaglinide in tablets and for dissolution testing	AlKhalidi, Bashar A.; Shtaiwi, Majed; AlKhatib, Hatim S.; Mohammad, Mohammad; Bustanji, Yasser	Journal of AOAC International (2008), 91(3), 530-535.	1.122
40	Sustained-release of buspirone HCl by co spray-drying with aqueous polymeric dispersions	Al-Zoubi, Nizar; AlKhatib, Hatim S.; Bustanji, Yasser; Aiedeh, Khaled; Malamataris, Stavros	European Journal of Pharmaceutics and Biopharmaceutics (2008), 69(2), 735-742.	3.344
41	Sodium mefenamate as a solution for the formulation and dissolution problems of mefenamic acid	Bani-Jaber, Ahmad; Hamdan, Imad; Al-Khalidi, Bashar	Chemical & Pharmaceutical Bulletin (2007), 55(8), 1136-1140.	1.623
42	Preparation of oxopyridoquinoxalinecarboxylates as anticancer and/or antibacterial agents.	Qaisi, Ali Mahmoud Abdelfattah; Al-Hiari, Yusuf Mohammad Ali; Zahra, Jalal Ahmad Yusuf; El-Abadelah, Mustafa Mohammad Musa; Hussuneh, Mona Rushdi Abdelhafez	Brit. UK Pat. Appl. (2008), GB 2442951 A 20080423.	NA
43	Diclofenac-Bismuth Complex: Synthesis, Physicochemical, and Biological Evaluation	Abuznaid, Mohammed; Sallam, Al-Sayed; Hamdan, Imad; Al-Hussaini, Mayssa; Bani-Jaber, Ahmad	Drug Development and Industrial Pharmacy (2008), 34(4), 434-444.	1.104
44	Olanzapine inhibits glycogen synthase kinase-3 β : An investigation by docking simulation and experimental validation	Mohammad, Mohammad K.; Al-masri, Ihab M.; Taha, Mutasem O.; Al-Ghussein, Mohamed A. S.; AlKhatib, Hatim S.; Najjar, Samer; Bustanji, Yasser	European Journal of Pharmacology (2008), 584(1), 185-191.	2.787



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45	Pharmacophore Modeling, Quantitative Structure-Activity Relationship Analysis, and in Silico Screening Reveal Potent Glycogen Synthase Kinase-3 β Inhibitory Activities for Cimetidine, Hydroxychloroquine, and Gemifloxacin	Taha, Mutasem O.; Bustanji, Yasser; Al-Ghussein, Mohamed A. S.; Mohammad, Mohammad; Zalloum, Hiba; Al-Masri, Ihab M.; Atallah, Naji	Journal of Medicinal Chemistry (2008), 51(7), 2062-2077.	4.898
46	Discovery of new MurF inhibitors via pharmacophore modeling and QSAR analysis followed by in-silico screening	Taha, Mutasem O.; Atallah, Naji; Al-Bakri, Amal G.; Paradis-Bleau, Catherine; Zalloum, Hiba; Younis, Khaled S.; Levesque, Roger C.	Bioorganic & Medicinal Chemistry (2008), 16(3), 1218-1235.	3.075
47	Sodium lauryl sulfate impedes drug release from zinc-crosslinked alginate beads: Switching from enteric coating release into biphasic profiles	Taha, Mutasem O.; Nasser, Wissam; Ardakani, Adel; AlKhatib, Hatim S.	International Journal of Pharmaceutics (2008), 350(1-2), 291-300.	3.061
48	Evaluation of immunosuppression induced by metronidazole in Balb/c mice and human peripheral blood lymphocytes	Fararjeh, Mohammad; Mohammad, Mohammad K.; Bustanji, Yasser; AlKhatib, Hatim; Abdalla, Shtaywy	International Immunopharmacology (2008), 8(2), 341-350.	3.181
49	Synthesis and antibacterial potency of 4-methyl-2,7-dioxo-1,2,3,4,7,10-hexahydropyrido[2,3-f]quinoxaline-8-carboxylic acid, selected [a]-fused heterocycles and acyclic precursors	Al-Hiari, Yusuf M.; Qaisi, Ali M.; Abu Shuheil, Mohammad Y.; El-Abadelah, Mustafa M.; Voelter, Wolfgang	Zeitschrift fuer Naturforschung, B: Chemical Sciences (2007), 62(11), 1453-1458.	NA
50	Antiplatelet therapy for primary and secondary prevention in Jordanian patients with diabetes mellitus	Bulatova, Nailya R.; Yousef, Al Motassem F.; AbuRuz, Salah M.	Thrombosis Research (2007), 121(1), 43-50.	2.449
51	Antioxidant activity and total phenolic content of aqueous and methanolic extracts of Jordanian plants: an ICBG project	Alali, Feras Q.; Tawaha, Khaled; El-Elimat, Tamam; Syouf, Maha; El-Fayad, Mosa; Abulaila, Khaled; Nielsen, Samara Joy; Wheaton, William D.; Falkinham, Joseph O., III; Oberlies, Nicholas H.	Natural Product Research, Part A: Structure and Synthesis (2007), 21(12), 1121-1131.	0.782
52	The manufacture and characterization of casein films as novel tablet coatings	Abu Diak, O.; Bani-Jaber, A.; Amro, B.; Jones, D.; Andrews, G. P.	Food and Bioproducts Processing (2007), 85(C3), 284-290.	0.511



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53	Heterocycles [h]-fused onto 4-oxoquinoline-3-carboxylic acid, III. Facile synthesis and antitumor activity of model heterocycles [a]-fused onto pyrido[2,3-f]quinoxaline-3-carboxylic acids	Abu Shuheil, Mohammad Y.; Hassuneh, Mona R.; Al-Hiari, Yusuf M.; Qaisi, Ali M.; El-Abadelah, Mustafa M.	Heterocycles (2007), 71(10), 2155-2172.	0.98
54	Combining docking, scoring and molecular field analyses to probe influenza neuraminidase-ligand interactions	Abu Hammad, Areej M.; Afifi, Fatma U.; Taha, Mutasem O.	Journal of Molecular Graphics & Modelling (2007), 26(2), 443-456.	2.347
55	Volatile components of <i>Thymus vulgaris</i> L. from wild-growing and cultivated plants in Jordan	Hudaib, M.; Aburjai, T.	Flavour and Fragrance Journal (2007), 22(4), 322-327.	0.882
56	Synthesis and antibacterial properties of new 8-nitrofluoroquinolone derivatives	Al-Hiari, Yusuf M.; Al-Mazari, Inas Saleh; Shakya, Ashok K.; Darwish, Rula M.; Abu-Dahab, Rana	Molecules (2007), 12(6), 1240-1258.	1.252
57	Pharmacokinetic comparison of two 40 mg tablet formulations of citalopram using a new amperometric detection technique	Al-Ghazawi, M.; Tutunji, M.; Mohsen, M.; Najjar, S.	International Journal of Clinical Pharmacology and Therapeutics (2007), 45(5), 300-306.	1.299
58	Antioxidant activity and total phenolic content of selected Jordanian plant species	Tawaha, Khaled; Alali, Feras Q.; Gharaibeh, Mohammad; Mohammad, Mohammad; El-Elimat, Tamam	Food Chemistry (2007), 104(4), 1372-1378.	2.696
59	Dysregulated Toll-like receptor expression and signaling in bone marrow-derived macrophages at the onset of diabetes in the non-obese diabetic mouse. [Erratum to document cited in CA145:209036]	Mohammad, Mohammad K.; Morran, Michael; Slotterbeck, Brandon; Leamman, Douglas W.; Sun, Yaping; von Grafenstein, Herman; Hong, Soon-Cheol; McInerney, Marcia F.	International Immunology (2007), 19(4), 581.	3.181
60	Liquid chromatographic determination of irbesartan in human plasma	Shakya, Ashok K.; Al-Hiari, Yusuf M.; Alhamami, Omran M. O.	Journal of Chromatography, B: Analytical Technologies in the Biomedical and Life Sciences (2007), 848(2), 245-250.	2.5
61	Multiresidue pesticide analysis of the medicinal plant <i>Origanum syriacum</i>	Hajjo, R. M.; Afifi, F. U.; Battah, A. H.	Food Additives & Contaminants (2007), 24(3), 274-279.	NA
62	Effects of dietary broccoli on human in vivo caffeine metabolism: a pilot study on a group of Jordanian volunteers	Hakooz, Nancy; Hamdan, Imad	Current Drug Metabolism (2007), 8(1), 9-15.	4.35



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63	Discovery of new potent human protein tyrosine phosphatase inhibitors via pharmacophore and QSAR analysis followed by in silico screening	Taha, Mutasem O.; Bustanji, Yasser; Al-Bakri, Amal G.; Yousef, Al-Motassem; Zalloum, Waleed A.; Al-Masri, Ihab M.; Atallah, Naji	Journal of Molecular Graphics & Modelling (2007), 25(6), 870-884.	2.347
64	A cross-sectional study evaluating the relationship between cortisol suppression and asthma control in patients with difficult asthma	AbuRuz, S.; Heaney, L. G.; Millership, J.; Gamble, J.; McElnay, J.	British Journal of Clinical Pharmacology (2007), 63(1), 110-115.	3.128
65	Evaluation of antimicrobial activity of selected plant extracts by rapid XTT colorimetry and bacterial enumeration	Al-Bakri, Amal G.; Afifi, Fatma U.	Journal of Microbiological Methods (2007), 68(1), 19-25.	2
66	Reactions of sulfenic acid with 2-mercaptoethanol: a mechanism for the inhibition of gastric (H ⁺ -K ⁺)-adenosine triphosphate by omeprazole	Tutunji, Maha F.; Qaisi, Ali M.; El-Eswed, Bassam I.; Tutunji, Lara F.	Journal of Pharmaceutical Sciences (2006), 96(1), 196-208.	2.996
67	Effect of ionic crosslinking on the drug release properties of chitosan diacetate matrixes	Aiedeh, Khaled M.; Taha, Mutasem O.; Al-Hiari, Yusuf; Bustanji, Yasser; Alkhatib, Hatim S.	Journal of Pharmaceutical Sciences (2006), 96(1), 38-43.	2.996
68	Simultaneous determination of sildenafil and N-desmethyl sildenafil in human plasma by high-performance liquid chromatography method using electrochemical detection with application to a pharmacokinetic study	Al-Ghazawi, M.; Tutunji, M.; AbuRuz, S.	Journal of Pharmaceutical and Biomedical Analysis (2007), 43(2), 613-618.	2.629
69	Seasonal variation of colchicine content in <i>Colchicum brachyphyllum</i> and <i>Colchicum tunicatum</i> (Colchicaceae)	Alali, Feras Q.; El-Alali, Abdullah; Tawaha, Khaled; El-Elimat, Tamam	Natural Product Research, Part A: Structure and Synthesis (2006), 20(12), 1121-1128.	0.782
70	Release characteristics of diclofenac diethylamine from emulgels containing Pluronic F127	Khalil, E.; Schaefer, U. F.; Sallam, A.	Journal of Drug Delivery Science and Technology (2006), 16(5), 381-387.	0.44
71	Antiplatelet, antibacterial and antifungal activities of <i>Achillea falcata</i> extracts and evaluation of volatile oil composition	Aburjai, Talal; Hudaib, Mohammad	Pharmacognosy Magazine (2006), 2(7), 188-195.	NA
72	Preparation of quinolones and pyridoquinoloxalinones as antibacterials.	Qaisi, A. M. A.; Al-Hiari, Y. M. A.; Zahra, J. A. Y.; El-Abadelah, M. M. M.	Eur. Pat. Appl. (2006), EP 1721898 A1 20061115.	NA



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73	Phytochemical and biological investigation of <i>Aristolochia maurorum</i> L	Alali, Feras Q.; Tawaha, Khaled; Shehadeh, Mayadah B.; Telfah, Suha	Zeitschrift fuer Naturforschung, C: Journal of Biosciences (2006), 61(9/10), 685-691.	NA
74	Discovery of potent inhibitors of <i>Pseudomonas</i> quorum sensing via pharmacophore modeling and in silico screening	Taha, Mutasem O.; Al-Bakri, Amal G.; Zalloum, Waleed A.	Bioorganic & Medicinal Chemistry Letters (2006), 16(22), 5902-5906.	2.531
75	Synthesis and in vitro behavior of iron-crosslinked N-methyl and N-benzyl hydroxamated derivatives of alginic acid as controlled release carriers	AlKhatib, Hatim S.; Taha, Mutasem O.; Aiedeh, Khaled M.; Bustanji, Yasser; Sweileh, Bassam	European Polymer Journal (2006), 42(10), 2464-2474.	2.143
76	An in vitro investigation on acid catalyzed reactions of proton pump inhibitors in the absence of an electrophile	Tutunji, Maha F.; Qaisi, Ali M.; El-Eswed, Bassam; Tutunji, L. F.	International Journal of Pharmaceutics (2006), 323(1-2), 110-116.	3.061
77	Determination of metformin in human plasma using normal phase high performance liquid chromatography	Qaisi, Ali M.; Tutunji, Maha F.; Sahouri, Charl A.	Saudi Pharmaceutical Journal (2006), 14(2), 108-114.	0.396
78	Novel synthesis and antimicrobial activity of 3,7-dimethylphenoxathiin nucleus and some related analogs	Al-Hiari, Yusuf M.; Sweileh, B. A.	Asian Journal of Chemistry (2006), 18(3), 2285-2298.	0.268
79	Berberine potently inhibits protein tyrosine phosphatase 1B: investigation by docking simulation and experimental validation	Bustanji, Yasser; Taha, Mutasem O.; Yousef, Al-Motassem; Al-Bakri, Amal G.	Journal of Enzyme Inhibition and Medicinal Chemistry (2006), 21(2), 163-171.	1.421
80	Heterocycles [h]-fused onto 4-oxoquinolines. Part I. Synthesis of 6-oxo-6,9-dihydro[1,2,5]oxadiazolo[3,4-h]quinoline-7-carboxylic acid N-oxide	Al-Hiari, Yusuf M.; Khanfar, Monther A.; Qaisi, Ali M.; Shuheil, Mohammad Y. Abu; El-Abadelah, Mustafa M.; Boese, Roland	Heterocycles (2006), 68(6), 1163-1172.	0.98
81	Dysregulated Toll-like receptor expression and signaling in bone marrow-derived macrophages at the onset of diabetes in the non-obese diabetic mouse	Mohammad, Mohammad K.; Morran, Michael; Slotterbeck, Brandon; Leaman, Douglas W.; Sun, Yaping; von Grafenstein, Hermann; Hong, Soon-Cheol; McInerney, Marcia F.	International Immunology (2006), 18(7), 1101-1113.	3.181
82	Glucose Partition Coefficient and Diffusivity in the Lower Skin Layers	Khalil, Enam; Kretsos, Kosmas; Kasting, Gerald B.	Pharmaceutical Research (2006), 23(6), 1227-1234.	4.024



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83	Determination of genetic diversity among Iris species using random amplified polymorphic DNA analysis	Al-Gabbiesh, Ahmad H.; Hassawi, Dhia S.; Afifi, Fatma U.	Biotechnology (2006), 5(2), 173-179.	NA
84	Phytochemical studies and cytotoxicity evaluations of <i>Colchicum tunicatum</i> Feinbr and <i>Colchicum hierosolymitanum</i> Feinbr (Colchicaceae): 2 native Jordanian meadow saffrons	Alali, Feras Q.; Tawaha, Khaled; El-Elimat, Tamam; Qasaymeh, Rana; Li, Chen; Burgess, Jason; Nakanishi, Yuka; Kroll, David J.; Wani, Mansukh C.; Oberlies, Nicholas H.	Natural Product Research, Part A: Structure and Synthesis (2006), 20(6), 558-566.	0.782
85	Effect of n-3 and n-6 polyunsaturated fatty acids on lymphocyte proliferation, interleukin production and phospholipid fatty acids composition in type 2 diabetic and healthy subjects in Jordan people	Alnajjar, A.; Chabane Sari, D.; Abuharfeil, N.; Hudaib, M.; Aburjai, T.	Prostaglandins, Leukotrienes and Essential Fatty Acids (2006), 74(6), 347-356.	1.366
86	Composition of the essential oil from <i>Artemisia herba-alba</i> grown in Jordan	Hudaib, Mohammad M.; Aburjai, Talal A.	Journal of Essential Oil Research (2006), 18(3), 301-304.	0.545
87	Application of novel chitosan derivatives in dissolution enhancement of a poorly water soluble drug	Aiedeh, K. M.; Al Khatib, H.; Taha, M. O.; Al-Zoubi, N.	Pharmazie (2006), 61(4), 306-311.	0.858
88	Synthesis and Thermal Properties of Polycarbonates Based on Bisphenol A by Single-phase Organic Solvent Polymerization	Sweileh, Bassam A.; Al-Hiari, Yusuf M.	Journal of Polymer Research (2006), 13(3), 181-191.	1.032
89	Determination of a Human Hepatic Microsomal Scaling Factor for Predicting in Vivo Drug Clearance	Hakooz, Nancy; Ito, Kiyomi; Rawden, Helen; Gill, Helen; Lemmers, Lynn; Boobis, Alan R.; Edwards, Robert J.; Carlile, David J.; Lake, Brian G.; Houston, J. Brian	Pharmaceutical Research (2006), 23(3), 533-539.	4.024
90	Dried blood spot liquid chromatography assay for therapeutic drug monitoring of metformin	AbuRuz, S.; Millership, J.; McElnay, J.	Journal of Chromatography, B: Analytical Technologies in the Biomedical and Life Sciences (2006), 832(2), 202-207.	2.5
91	Acid decomposition of omeprazole in the absence of thiol: a differential pulse polarographic study at the static mercury drop electrode (SMDE)	Qaisi, Ali M.; Tutunji, Maha F.; Tutunji, Lara F.	Journal of Pharmaceutical Sciences (2005), 95(2), 384-391.	2.996



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92	Composition of the essential oil from Jordanian germander (<i>Teucrium polium</i> L.)	Aburjai, Talal; Hudaib, Mohammad; Cavrini, Vanni	Journal of Essential Oil Research (2006), 18(1), 97-99.	0.545
93	Synthesis and antibacterial activity of some substituted 3-(aryl)- and 3-(heteroaryl)indoles	Al-Hiari, Yusuf M.; Qaisi, Ali M.; El-Abadelah, Mustafa M.; Voelter, Wolfgang	Monatshefte fuer Chemie (2006), 137(2), 243-248.	NA
94	Prediction of metabolic clearance using cryopreserved human hepatocytes: Kinetic characteristics for five benzodiazepines	Hallifax, David; Rawden, Helen C.; Hakooz, Nancy; Houston, J. Brian	Drug Metabolism and Disposition (2005), 33(12), 1852-1858.	3.835
95	Phytochemical study and cytotoxicity evaluation of <i>Colchicum stevenii</i> Kunth (Colchicaceae): A Jordanian meadow saffron	Al-Mahmoud, Mohsen S.; Alali, Feras Q.; Tawaha, Khaled; Qasaymeh, Rana M.	Natural Product Research (2006), 20(2), 153-160.	0.782
96	Effects of Variable Docking Conditions and Scoring Functions on Corresponding Protein-Aligned Comparative Molecular Field Analysis Models Constructed from Diverse Human Protein Tyrosine Phosphatase 1B Inhibitors	Taha, Mutasem O.; AlDamen, Murad A.	Journal of Medicinal Chemistry (2005), 48(25), 8016-8034.	4.898
97	Influence of gentamicin and tobramycin on binary biofilm formation by co-cultures of <i>Burkholderia cepacia</i> and <i>Pseudomonas aeruginosa</i>	Al-Bakri, Amal G.; Gilbert, Peter; Allison, David G.	Journal of Basic Microbiology (2005), 45(5), 392-396.	1.051
98	Synthesis of zinc-crosslinked thiolated alginate beads and their in vitro evaluation as potential enteric delivery system with folic acid as model drug	Taha, M. O.; Aiedeh, K. M.; Al-Hiari, Y.; Al-Khatib, H.	Pharmazie (2005), 60(10), 736-742.	0.858
99	Community consumption of antibacterial drugs within the Jordanian population: sources, patterns and appropriateness	Al-Bakri, Amal G.; Bustanji, Yasser; Yousef, Al-Motassem	International Journal of Antimicrobial Agents (2005), 26(5), 389-395.	3.067
100	Determination of Multipesticide Residues in <i>Mentha piperita</i>	Hajou, Reema; Afifi, Fatma; Battah, Abdulkader	Pharmaceutical Biology (Philadelphia, PA, United States) (2005), 43(6), 554-562.	0.488
101	Phytochemical and Antiplatelet Investigation of <i>Gundelia tournifortii</i>	Halabi, S.; Battah, A. A.; Aburjai, T.; Hudaib, M.	Pharmaceutical Biology (Philadelphia, PA, United States) (2005), 43(6), 496-500.	0.488



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103	Variable omeprazole kinetics in healthy Jordanian adults	Albsoul-Younes, Abla; Tayyem, Rabab; Najib, Naji	Biopharmaceutics & Drug Disposition (2005), 26(5), 183-188.	1.542
104	Evaluation of chitosan succinate and chitosan phthalate as enteric coating polymers for diclofenac sodium tablets	Aiedeh, K. M.; Taha, M. O.; Al-Khatib, H.	Journal of Drug Delivery Science and Technology (2005), 15(3), 207-211.	0.44
105	Ligand-based assessment of factor Xa binding site flexibility via elaborate pharmacophore exploration and genetic algorithm-based QSAR modeling	Taha, Mutasem O.; Qandil, Amjad M.; Zaki, Dhia D.; AlDamen, Murad A.	European Journal of Medicinal Chemistry (2005), 40(7), 701-727.	2.882
106	Steps towards a practical synthesis of macrocyclic bisbenzylisoquinolines	Al-Hiari, Yusuf M.; Bennett, Stephen J.; Cox, Brian; Davies, Robert J.; Khalaf, Abedawn I.; Waigh, Roger D.; Worsley, Alan J.	Journal of Heterocyclic Chemistry (2005), 42(4), 647-659.	0.899
107	Sustained release characteristics of tablets prepared with mixed matrix of sodium carrageenan and chitosan: Effect of polymer weight ratio, dissolution medium, and drug type	Bani-Jaber, Ahmad; Al-Ghazawi, Mutasim	Drug Development and Industrial Pharmacy (2005), 31(3), 241-247.	1.104
108	QSPR modeling of pseudoternary microemulsions formulated employing lecithin surfactants: application of data mining, molecular and statistical modeling	Taha, Mutasem O.; Abdel-Halim, Heba; Al-Ghazawi, Mutasim; Khalil, Enam	International Journal of Pharmaceutics (2005), 295(1-2), 135-155.	3.061
109	Modeling of the effects of triethyl citrate and curing conditions on drug release from film-coated tablets	AlKhatib, Hatim Samir; Sakr, Adel	Pharmazeutische Industrie (2005), 67(2), 237-242.	0.18
110	GC-MS analysis and antimicrobial activity of the essential oil from the stem of the Jordanian toothbrush tree <i>Salvadora persica</i>	Alali, F.; Hudaib, M.; Aburjai, T.; Khairallah, K.; Al-Hadidi, N.	Pharmaceutical Biology (Lisse, Netherlands) (2004), 42(8), 577-580.	0.488
111	Analysis of macromolecular changes and drug release from hydrophilic matrix systems	Jamzad, Shahla; Tutunji, Lara; Fassihi, Reza	International Journal of Pharmaceutics (2005), 292(1-2), 75-85.	3.061



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112	The development and validation of liquid chromatography method for the simultaneous determination of metformin and glipizide, gliclazide, glibenclamide, or glimiperide in plasma	AbuRuz, S.; Millership, J.; McElnay, J.	Journal of Chromatography, B: Analytical Technologies in the Biomedical and Life Sciences (2005), 817(2), 277-286.	2.5
113	New Colchicinoids from a Native Jordanian Meadow Saffron, <i>Colchicum brachyphyllum</i> : Isolation of the First Naturally Occurring Dextrorotatory Colchicinoid	Alali, Feras Q.; El-Elimat, Tamam; Li, Chen; Qandil, Amjad; Alkofahi, Ahmad; Tawaha, Khaled; Burgess, Jason P.; Nakanishi, Yuka; Kroll, David J.; Navarro, Hernan A.; et al	Journal of Natural Products (2005), 68(2), 173-178.	2.843
114	Physicochemical studies on Ciclopirox olamine complexes with divalent metal ions	Tarawneh, Ruba T.; Hamdan, Imad I.; Bani-Jaber, Ahmad; Darwish, Rula M.	International Journal of Pharmaceutics (2005), 289(1-2), 179-187.	3.061
115	Antiplatelet activity of <i>Varthemia iphionoides</i>	Afifi, Fatma U.; Aburjai, Talal	Fitoterapia (2004), 75(7-8), 629-633.	1.2
116	Direct conversion of an ortho-allylphenol into a chlorosulfonyl-3-methyl-1,2-benzoxathiin 2,2-dioxide	Qaisi, Li M.; El-Abadelah, Mustafa M.; Voelter, Wolfgang	Zeitschrift fuer Naturforschung, B: Chemical Sciences (2004), 59(9), 1059-1062.	NA
117	Comparative determination of multi-pesticide residues in <i>Pimpinella anisum</i> using two different AOAC methods	Hajjou, Reema M. K.; Afifi, Fatma U.; Battah, Abdelkader H.	Food Chemistry (2004), 88(3), 469-478.	2.696
118	Investigation of the active constituents of <i>Portulaca oleracea</i> L. (Portulacaceae) growing in Jordan	Rashed, Asia N.; Afifi, Fatma U.; Shaedah, Mayadeh; Taha, Mutasem O.	Pakistan Journal of Pharmaceutical Sciences (2004), 17(1), 37-45.	NA
119	Determination of hypericin content in <i>Hypericum triquetrifolium</i> Turra (Hypericaceae) growing wild in Jordan	Alali, Feras; Tawaha, Khaled; Al-Elimat, Tamam	Natural Product Research (2004), 18(2), 147-151.	0.782
120	Determination of colchicine in <i>Colchicum steveni</i> and <i>C. hierosolymitanum</i> (Colchicaceae): Comparison between two analytical methods	Alali, Feras; Tawaha, Khaled; Qasaymeh, Rana M.	Phytochemical Analysis (2004), 15(1), 27-29.	1.542
121	Development and validation of the Arabic allergic rhinitis quality of life questionnaire	AbuRuz Salah M; Bulatova Naela R; Tawalbeh Mohammed I	Saudi medical journal (2009), 30(12), 1577-83.	0.396
122	One-year assessment of joint procurement of pharmaceuticals in the public health sector in Jordan	Al-Abbadi Ibrahim; Qawwas Abdelraouf; Jaafreh Mahmoud; Abosamen Taher; Saket Maisa	Clinical therapeutics (2009), 31(6), 1335-44.	3.064



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124	Expression of therapeutic misconception amongst Egyptians: a qualitative pilot study	Wazaify Mayyada; Khalil Susan S; Silverman Henry J	BMC medical ethics (2009), 10, 7.	NA
125	Adherence to international antimicrobial prophylaxis guidelines in cardiac surgery: a Jordanian study demonstrates need for quality improvement	Al-Momany Nairooz H; Al-Bakri Amal G; Makahleh Zeid M; Wazaify Mayyada M B	Journal of managed care pharmacy : JMCP (2009), 15(3), 262-71.	1.509
126	Perceptions, experiences, and expectations of physicians in hospital settings in Jordan regarding the role of the pharmacist	Tahaineh Linda M; Wazaify Mayyada; Albsoul-Younes Abla; Khader Yousef; Zaidan Manal	Research in social & administrative pharmacy : RSAP (2009), 5(1), 63-70.	NA
127	Societal perspectives on the role of community pharmacists and over-the-counter drugs in Jordan	Wazaify Mayyada; Al-Bsoul-Younes Abla; Abu-Gharbieh Eman; Tahaineh Linda	Pharmacy world & science : PWS (2008), 30(6), 884-91.	1.016
128	Ethnopharmacological survey of medicinal plants in Jordan, Mujib Nature Reserve and surrounding area	Hudaib Mohammad; Mohammad Mohammad; Bustanji Yasser; Tayyem Rabab; Yousef Mohammed; Abuirjeie Mustafa; Aburjai Talal	Journal of ethnopharmacology (2008), 120(1), 63-71.	2.26
129	Recurrent ecchymoses after acute tacrolimus intoxication	Akl Kamal F; Bulatova Nailya; Yousef Al-Motassem	Pediatric nephrology (Berlin, Germany) (2008), 23(11), 2101.	2.321
130	Studying the anti-tyrosinase effect of Arbutus andrachne L. extracts	Issa R A; Afifi F U; Amro B I	International journal of cosmetic science (2008), 30(4), 271-6.	NA
131	Diversity and distribution of entomopathogenic nematodes (Nematoda: Steinernematidae, Heterorhabditidae) and their bacterial symbionts (gamma-Proteobacteria: Enterobacteriaceae) in Jordan	Stock S Patricia; Al Banna Luma; Darwish Rula; Katbeh Ahmad	Journal of invertebrate pathology (2008), 98(2), 228-34.	2.005
132	Effect of chemosensitizers on minimum inhibitory concentrations of fluconazole in Candida albicans	Bulatova Nailya R; Darwish Rula M	Medical principles and practice : international journal of the Kuwait University, Health Science Centre (2008), 17(2), 117-21.	NA



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133	Self-medication patterns in Amman, Jordan	Yousef Al-Motassem M; Al-Bakri Amal G; Bustanji Yasser; Wazaify Mayyada	Pharmacy world & science : PWS (2008), 30(1), 24-30.	1.016
134	An innovative pharmaceutical care practical course	Bulatova N R; Aburuz S; Yousef A M	Advances in health sciences education : theory and practice (2007), 12(2), 211-22.	NA
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136	Assessment of impairment in health-related quality of life in patients with difficult asthma: psychometric performance of the Asthma Quality of Life Questionnaire	Aburuz Salah; Gamble Jacqui; Heaney Liam G	Respirology (Carlton, Vic.) (2007), 12(2), 227-33.	1.849
137	Effect of ionic crosslinking on the drug release properties of chitosan diacetate matrices	Aiedeh Khaled M; Taha Mutasem O; Al-Hiari Yusuf; Bustanji Yasser; Alkhatib Hatim S	Journal of pharmaceutical sciences (2007), 96(1), 38-43.	2.996
138	Reactions of sulfenic acid with 2-mercaptoethanol: a mechanism for the inhibition of gastric (H ⁺ -K ⁺)-adenosine triphosphate by omeprazole	Tutunji Maha F; Qaisi Ali M; El-Eswed Bassam I; Tutunji Lara F	Journal of pharmaceutical sciences (2007), 96(1), 196-208.	2.996
139	Evaluation of the wound healing effect of some Jordanian traditional medicinal plants formulated in Pluronic F127 using mice (<i>Mus musculus</i>)	Khalil Enam A; Afifi Fatma U; Al-Hussaini Maysa	Journal of ethnopharmacology (2007), 109(1), 104-12.	2.26
140	The implementation of a harm minimisation model for the identification and treatment of over-the-counter drug misuse and abuse in community pharmacies in Northern Ireland	Wazaify Mayyada; Hughes Carmel M; McElnay James C	Patient education and counseling (2006), 64(1-3), 136-41.	2.219
141	Validation of a comprehensive classification tool for treatment-related problems	AbuRuz Salah M; Bulatova Nailya R; Yousef Almoatasem M	Pharmacy world & science : PWS (2006), 28(4), 222-32.	1.016
142	Relationship between lung function and asthma symptoms in patients with difficult to control asthma	Aburuz S; McElnay J; Gamble J; Millership J; Heaney L	The Journal of asthma : official journal of the Association for the Care of Asthma (2005), 42(10), 859-64.	NA



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144	Pharmacy in Jordan	Al-Wazaify Mayyada; Albsoul-Younes Abla	American journal of health-system pharmacy : AJHP : official journal of the American Society of Health-System Pharmacists (2005), 62(23), 2548-51.	1.763
145	Studies on the in vivo hypoglycemic activities of two medicinal plants used in the treatment of diabetes in Jordanian traditional medicine following intranasal administration	Afifi F U; Al-Khalidi B; Khalil E	Journal of ethnopharmacology (2005), 100(3), 314-8.	2.26
146	Societal perspectives on over-the-counter (OTC) medicines	Wazaify Mayyada; Shields Eileen; Hughes Carmel M; McElnay James C	Family practice (2005), 22(2), 170-6.	1.63
147	Depletion of alveolar macrophages by clodronate-liposomes aggravates ischemia-reperfusion injury of the lung	Nakamura Takayuki; Abu-Dahab Rana; Menger Michael D; Schafer Ulrich; Vollmar Brigitte; Wada Hiromi; Lehr Claus-Michael; Schafers Hans-Joachim	The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation (2005), 24(1), 38-45.	NA
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149	Studies on the in vitro and in vivo hypoglycemic activities of some medicinal plants used in treatment of diabetes in Jordanian traditional medicine	Hamdan I I; Afifi F U	Journal of ethnopharmacology (2004), 93(1), 117-21.	2.26
150	In vitro alpha amylase inhibitory effect of some clinically-used drugs	Hamdan, I. I.; Afifi, F.; Taha, M. O.	Pharmazie (2004), 59(10), 799-801.	0.858
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154	Antiproliferative activity of selected medicinal plants of Jordan against a breast adenocarcinoma cell line (MCF7),	Rana Abu-Dahab and Fatma Afifi,	Scientia Pharmaceutica (2007), 75, 121-136.	NA
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157	Development and validation of a new method for the simultaneous determination of triclabendazole and ivermectin B1a in pharmaceutical formulation.	Mohammad H. Abu Al-Rub, Munib M. Saketm Ali M Qaisi, Maher L. Salim and Eyad S. M. Abu Nameh.	Journal of AOAC International - Accepted for publication May 2009	1.122
158	Simple quality-control procedures for selected medicinal plants commonly used in Jordan	Abu-Hamdah, S.; Afifi, F. U.; Shehadeh, M.; Khalid, S.	Pharmaceutical Biology (2007), 43(1), 1-7	0.488
159	Determination of genetic diversity among Iris species using random amplified polymorphic DNA analysis	Al-Gabbiesh A., Hassawi D. S, and Afifi F.U.	Jordan Medical Journal (2006), 40(4), 232-249.	NA
160	In vitro propagation of endangered Iris species	Al-Gabbiesh A., Hassawi D. S, and Afifi F.U.	Journal of Biological Sciences (2006), 6(6), 1035-1040	NA
161	Investigation of the direct effects of alcoholic extract of <i>Elaeagnus angustifolia</i> L. (Elaeagnaceae) on dispersed intestinal smooth muscle cells of guinea pig.	Mohammed F.I., Al-Essa M.K., Shafagoj Y.A. and Afifi, F. U.	Scientia Pharmaceutica (2006), 74, 21-30.	NA
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164	Protective effects of selected medicinal plants against protein degradation, lipid peroxidation and deformability loss of oxidatively stressed human erythrocytes	Suboh, S. M. ; Bilito, Y. Y. ; Aburjai, T. A.	Phytotherapy Research (2004), 18(4), 280-284.	1.772
165	Chemical composition of the essential oil from different aerial parts of lavender (<i>Lavandula coronopifolia</i> Poier) (Lamiaceae) grown in Jordan	Aburjai, T. ;Hudiab, M. ;Cavrini, V.	Journal of Essential Oil Research (2005), 17(1), 49-51	0.545
166	Platelet Aggregation Inhibitors from Aerial Parts of <i>Ruta Chalepensis</i> Grown in Jordan	Mayadah B. Shehadeh, Fatma U. Afifi and Sawsan M. Abu-Hamdah	Integrative Medicine Insights (2007), 2, 35-39	NA
167	Improvement of the solubility and dissolution rate of the steroidal drug, mesterolone, using cyclodextrin complexation.	Samer Odeh, Hassan Muti and Ahmad Bani-Jaber	Jordan Medical Journal (2005), 39(2), 117-129	NA