

Syed Mahmood

List of Publications by Year in descending order

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57
papers

1,309
citations

394286

19
h-index

377752

34
g-index

57
all docs

57
docs citations

57
times ranked

1243
citing authors

#	ARTICLE	IF	CITATIONS
1	Current trends in polymer microneedle for transdermal drug delivery. International Journal of Pharmaceutics, 2020, 587, 119673.	2.6	170
2	A review on chitosan and chitosan-based bionanocomposites: Promising material for combatting global issues and its applications. International Journal of Biological Macromolecules, 2021, 185, 832-848.	3.6	158
3	Antibacterial Effects of Flavonoids and Their Structure-Activity Relationship Study: A Comparative Interpretation. Molecules, 2022, 27, 1149.	1.7	102
4	Natural halloysite nanotubes /chitosan based bio-nanocomposite for delivering norfloxacin, an anti-microbial agent in sustained release manner. International Journal of Biological Macromolecules, 2020, 162, 1849-1861.	3.6	83
5	Experimental design and optimization of raloxifene hydrochloride loaded nanotransfersomes for transdermal application. International Journal of Nanomedicine, 2014, 9, 4331.	3.3	73
6	Transdermal delivery of raloxifene HCl via ethosomal system: Formulation, advanced characterizations and pharmacokinetic evaluation. International Journal of Pharmaceutics, 2018, 542, 36-46.	2.6	65
7	Extraction and application of keratin from natural resources: a review. 3 Biotech, 2021, 11, 220.	1.1	62
8	Pharmacological properties of Centella asiatica hydrogel in accelerating wound healing in rabbits. BMC Complementary and Alternative Medicine, 2019, 19, 213.	3.7	51
9	Valorization of keratin waste biomass and its potential applications. Journal of Water Process Engineering, 2021, 40, 101707.	2.6	45
10	Transdermal drug delivery system through polymeric microneedle: A recent update. Journal of Drug Delivery Science and Technology, 2020, 60, 101877.	1.4	43
11	Formulation, Characterization and Biological Activity Screening of Sodium Alginate-Gum Arabic Nanoparticles Loaded with Curcumin. Molecules, 2020, 25, 2244.	1.7	37
12	Synthesis and characterization of interpenetrating polymeric networks based bio-composite alginate film: A well-designed drug delivery platform. International Journal of Biological Macromolecules, 2019, 130, 645-654.	3.6	35
13	Biomedical Application, Patent Repository, Clinical Trial and Regulatory Updates on Hydrogel: An Extensive Review. Gels, 2021, 7, 207.	2.1	32
14	Synthesis and liquid crystalline behaviour of substituted (E)-phenyl-4-(phenyldiazenyl) benzoate derivatives and their photo switching ability. Liquid Crystals, 2016, 43, 1578-1588.	0.9	31
15	Advanced characterizations of nanoparticles for drug delivery: investigating their properties through the techniques used in their evaluations. Nanotechnology Reviews, 2017, 6, 355-372.	2.6	29
16	Physicochemical Characterization, Molecular Docking, and <i>In Vitro</i> Dissolution of Glimepiride-Captisol Inclusion Complexes. ACS Omega, 2020, 5, 19968-19977.	1.6	27
17	Polymeric Nanoparticles for Brain Drug Delivery - A Review. Current Drug Metabolism, 2020, 21, 649-660.	0.7	27
18	Genesis and Mechanism of Some Cancer Types and an Overview on the Role of Diet and Nutrition in Cancer Prevention. Molecules, 2022, 27, 1794.	1.7	24

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19	PEGylated Lipid Polymeric Nanoparticleâ€“Encapsulated Acyclovir for In Vitro Controlled Release and Ex Vivo Gut Sac Permeation. <i>AAPS PharmSciTech</i> , 2020, 21, 285.	1.5	22
20	Optimization of Aceclofenac Proniosomes by Using Different Carriers, Part 1: Development and Characterization. <i>Pharmaceutics</i> , 2019, 11, 350.	2.0	18
21	Pharmacokinetic evaluation of the synergistic effect of raloxifene loaded transfersomes for transdermal delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 63, 102545.	1.4	18
22	Effectiveness and safety of electronic cigarettes among sole and dual user vapers in Kuantan and Pekan, Malaysia: a six-month observational study. <i>BMC Public Health</i> , 2018, 18, 1028.	1.2	14
23	An Updated Account on Formulations and Strategies for the Treatment of Burn Infection â€“ A Review. <i>Current Pharmaceutical Design</i> , 2022, 28, 1480-1492.	0.9	14
24	Nanostructured lipid carrier to overcome stratum corneum barrier for the delivery of agomelatine in rat brain; formula optimization, characterization and brain distribution study. <i>International Journal of Pharmaceutics</i> , 2021, 607, 121006.	2.6	13
25	Lyophilized Amorphous Dispersion of Telmisartan in a Combined Carrierâ€“Alkalizer System: Formulation Development and <i>In Vivo</i> Study. <i>ACS Omega</i> , 2020, 5, 32466-32480.	1.6	12
26	Ibuprofen-Loaded Chitosanâ€“Lipid Nanoconjugate Hydrogel with Gum Arabic: Green Synthesis, Characterisation, In Vitro Kinetics Mechanistic Release Study and PGE2 Production Test. <i>Gels</i> , 2021, 7, 254.	2.1	10
27	Antiangiogenic activity of sophorolipids extracted from refined bleached deodorized palm olein. <i>Indian Journal of Pharmacology</i> , 2019, 51, 45.	0.4	9
28	Synthesis of Capsaicin Loaded Silver Nanoparticles Using Green Approach and Its Anti-Bacterial Activity Against Human Pathogens. <i>Journal of Biomedical Nanotechnology</i> , 2021, 17, 1612-1626.	0.5	8
29	Safety profiling of pioglitazone and telmisartan combination by sub-chronic toxicity study in rat. <i>Regulatory Toxicology and Pharmacology</i> , 2016, 81, 155-161.	1.3	6
30	Morphological Characterization of Lipid Structured Nanoparticles by Atomic Force Microscopy while Minimizing the Formation of Failed Artefacts. <i>Current Nanomaterials</i> , 2017, 2, .	0.2	6
31	A Review on Lipid- Polymer Hybrid Nanoparticles and Preparation with Recent Update. <i>Materials Science Forum</i> , 0, 981, 322-327.	0.3	6
32	A Bioanalytical Method for Quantification of Telmisartan in rat Plasma; Development, Validation and Application to Pharmacokinetic Study. <i>Research Journal of Pharmacy and Technology</i> , 2021, , 2139-2144.	0.2	6
33	Design and In-vitro Evaluation of Sustained Release Floating Tablets of Metformin HCl Based on Effervescence and Swelling. <i>Iranian Journal of Pharmaceutical Research</i> , 2016, 15, 53-70.	0.3	6
34	Effects of Different Formulation Methods on Drug Crystallinity, Drug-Carrier Interaction, and Ex Vivo Permeation of a Ternary Solid Dispersion Containing Nisoldipine. <i>Journal of Pharmaceutical Innovation</i> , 2021, 16, 26-37.	1.1	5
35	The development and assessment of modified Fagerstrom test for nicotine dependence scale among Malaysian single electronic cigarette users. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2020, 12, 671.	0.2	5
36	Photoisomerization behavior of photochromic amide-based azobenzene dyes exhibiting H-bonding effect: Synthesis and characterization. <i>Korean Journal of Chemical Engineering</i> , 2016, 33, 1480-1488.	1.2	4

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37	Differential scanning calorimetric characterization of pharmaceutical powder blend uniformity in a laboratory-scale V-blender. Powder Technology, 2016, 287, 152-159.	2.1	4
38	Suppression of Melanoma Growth in a Murine Tumour Model Using <i>Orthosiphon stamineus</i> Benth</i>. Extract Loaded in Ethanolic Phospholipid Vesicles (Spherosome). Current Drug Metabolism, 2022, 23, 317-328.	0.7	4
39	Evaluation and comparison of the antifertility potential activity and adverse effects of Trigonella foenum-graecum seeds and combined oral contraceptive pills in female rats. International Journal of Reproduction, Contraception, Obstetrics and Gynecology, 0, , 680-688.	0.0	3
40	Nicotine Estimations in Electronic Cigarette E-Liquids Among Malaysian Marketed Samples. Analytical Chemistry Letters, 2018, 8, 54-62.	0.4	3
41	Doe guided chitosan based nano-ophthalmic preparation against fungal keratitis. Materials Today: Proceedings, 2021, 41, 19-29.	0.9	3
42	Review of fungal skin infections and their invasion. Fungal Territory, 2019, 2, 3-5.	0.2	3
43	Optimization of a Cefuroxime Axetil-Loaded Liquid Self-Nanoemulsifying Drug Delivery System: Enhanced Solubility, Dissolution and Caco-2 Cell Uptake. Pharmaceutics, 2022, 14, 772.	2.0	3
44	Systemic Delivery of Calcium Channel Blockers for Hypertension through Transdermal Delivery - A Review. Materials Science Forum, 0, 1025, 204-208.	0.3	2
45	The therapeutic potential of skin mucus from Asian swamp eel (Monopterus albus): In vivo evaluation and histological evidence. Journal of King Saud University - Science, 2022, 34, 102011.	1.6	2
46	The journey to death; asian swamp eel fate in a non- native habitat. MOJ Proteomics & Bioinformatics, 2018, 7, .	0.1	1
47	Historical Background, Origin, Distribution, and Economic Importance of Fenugreek. , 2021, , 3-11.		1
48	In-vitro evaluation of the antifungal activities of eel skin mucus from Asian swamp eel (Monopterus) Tj ETQq0 0 0 rgBT /Overlck 10 Tf 5	0.2	1
49	EVALUATION OF THE ANTIMICROBIAL PROPERTIES OF EEL SKIN MUCUS FROM MONOPTERUS ALBUS AGAINST SELECTED ORAL PATHOGENS AND IDENTIFICATION OF THE ANTI-ORAL BIOACTIVE COMPOUNDS USING LC-QTOF-MS. Journal of Microbiology, Biotechnology and Food Sciences, 2019, 9, 140-143.	0.4	1
50	Activation of apoptotic cell death by skin mucus from Asian swamp eel (Monopterus albus) against human lung cancer cell line. Journal of Agricultural and Marine Sciences, 0, 24, 39.	0.5	1
51	Formulation, characterisation and comparison of different raloxifene hydrochloride loaded lipid-polymer hybrid nanoparticles. International Journal of Nano and Biomaterials, 2020, 9, 123.	0.1	1
52	The Causative Mechanisms of Hyperhomocysteinemia and Obesity. , 2021, , 167-172.		0
53	Parkinson-™s Disease - A Review on Advances and Treatment Strategies. Materials Science Forum, 0, 1025, 230-235.	0.3	0
54	Therapeutic Uses and Applications of Fenugreek. , 2021, , 503-522.		0

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55	Development and Assessment of Modified Glover Nilsson Vaping Behavioural Questionnaire Among Malaysian Electronic Cigarettes Users. <i>Current Trends in Biotechnology and Pharmacy</i> , 2020, 14, 32-37.	0.3	0
56	Formulation, characterisation and comparison of different raloxifene hydrochloride loaded lipid-polymer hybrid nanoparticles. <i>International Journal of Nano and Biomaterials</i> , 2020, 9, 123.	0.1	0
57	Perception and Satisfaction Among Single and Dual Users Malaysian Vapers Towards Electronic Cigarettes. A One Year Observational Study. <i>Current Trends in Biotechnology and Pharmacy</i> , 2020, 14, 245-252.	0.3	0