

# Mohsin Kazi

## List of Publications by Year in descending order

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101  
papers

2,885  
citations

186265

28  
h-index

214800

47  
g-index

105  
all docs

105  
docs citations

105  
times ranked

2779  
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in Oral Drug Delivery. <i>Frontiers in Pharmacology</i> , 2021, 12, 618411.	3.5	305
2	Design of Lipid-Based Formulations for Oral Administration of Poorly Water-Soluble Drugs: Precipitation of Drug after Dispersion of Formulations in Aqueous Solution. <i>Journal of Pharmaceutical Sciences</i> , 2009, 98, 3582-3595.	3.3	135
3	Unary and binary adsorption studies of lead and malachite green onto a nanomagnetic copper ferrite/drumstick pod biomass composite. <i>Journal of Hazardous Materials</i> , 2019, 365, 759-770.	12.4	118
4	Chitin and chitosan from Brazilian Atlantic Coast: Isolation, characterization and antibacterial activity. <i>International Journal of Biological Macromolecules</i> , 2015, 80, 107-120.	7.5	114
5	Formulation and evaluation of mixed polymeric micelles of quercetin for treatment of breast, ovarian, and multidrug resistant cancers. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 2869-2881.	6.7	101
6	Novel Self-Nanoemulsifying Drug Delivery Systems (SNEDDS) for Oral Delivery of Cinnarizine: Design, Optimization, and In-Vitro Assessment. <i>AAPS PharmSciTech</i> , 2012, 13, 967-977.	3.3	90
7	Evaluation of Self-Nanoemulsifying Drug Delivery Systems (SNEDDS) for Poorly Water-Soluble Talinolol: Preparation, in vitro and in vivo Assessment. <i>Frontiers in Pharmacology</i> , 2019, 10, 459.	3.5	84
8	Oral bioavailability enhancement and hepatoprotective effects of thymoquinone by self-nanoemulsifying drug delivery system. <i>Materials Science and Engineering C</i> , 2017, 76, 319-329.	7.3	75
9	Momordica charantia polysaccharides mitigate the progression of STZ induced diabetic nephropathy in rats. <i>International Journal of Biological Macromolecules</i> , 2016, 91, 394-399.	7.5	71
10	Sinapic acid mitigates gentamicin-induced nephrotoxicity and associated oxidative/nitrosative stress, apoptosis, and inflammation in rats. <i>Life Sciences</i> , 2016, 165, 1-8.	4.3	65
11	Enhanced Dissolution of Luteolin by Solid Dispersion Prepared by Different Methods: Physicochemical Characterization and Antioxidant Activity. <i>ACS Omega</i> , 2020, 5, 6461-6471.	3.5	60
12	Nâ€“hydroxybenzothioamide derivatives as green and efficient corrosion inhibitors for mild steel: Experimental, DFT and MC simulation approach. <i>Journal of Molecular Structure</i> , 2021, 1241, 130648.	3.6	60
13	Design of Lipid-Based Formulations for Oral Administration of Poorly Water-Soluble Drug Fenofibrate: Effects of Digestion. <i>AAPS PharmSciTech</i> , 2012, 13, 637-646.	3.3	57
14	Novel oral dosage regimen based on self-nanoemulsifying drug delivery systems for codelivery of phytochemicals â€“ Curcumin and thymoquinone. <i>Saudi Pharmaceutical Journal</i> , 2019, 27, 866-876.	2.7	56
15	Enhancing Oral Bioavailability of Apigenin Using a Bioactive Self-Nanoemulsifying Drug Delivery System (Bio-SNEDDS): In Vitro, In Vivo and Stability Evaluations. <i>Pharmaceutics</i> , 2020, 12, 749.	4.5	49
16	Bioactive Self-Nanoemulsifying Drug Delivery Systems (Bio-SNEDDS) for Combined Oral Delivery of Curcumin and Piperine. <i>Molecules</i> , 2020, 25, 1703.	3.8	48
17	Progress of Cancer Nanotechnology as Diagnostics, Therapeutics, and Theranostics Nanomedicine: Preclinical Promise and Translational Challenges. <i>Pharmaceutics</i> , 2021, 13, 24.	4.5	48
18	Wound-healing potential of curcumin loaded lignin nanoparticles. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 102020.	3.0	47

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19	Dissolution and bioavailability improvement of bioactive apigenin using solid dispersions prepared by different techniques. Saudi Pharmaceutical Journal, 2019, 27, 264-273.	2.7	45
20	Solubility, thermodynamic properties and solute-solvent molecular interactions of luteolin in various pure solvents. Journal of Molecular Liquids, 2018, 255, 43-50.	4.9	44
21	Iron Oxide Nanoparticles: Preparation, Characterization, and Assessment of Antimicrobial and Anticancer Activity. Adsorption Science and Technology, 2022, 2022, .	3.2	40
22	The impact of formulation attributes and process parameters on black seed oil loaded liposomes and their performance in animal models of analgesia. Saudi Pharmaceutical Journal, 2017, 25, 404-412.	2.7	38
23	Solubility and thermodynamic function of vitamin D3 in different mono solvents. Journal of Molecular Liquids, 2017, 229, 477-481.	4.9	36
24	In vitro assessment of drug-free and fenofibrate-containing lipid formulations using dispersion and digestion testing gives detailed insights into the likely fate of formulations in the intestine. European Journal of Pharmaceutical Sciences, 2013, 49, 748-760.	4.0	35
25	Development of self-nanoemulsifying drug delivery systems for the enhancement of solubility and oral bioavailability of fenofibrate, a poorly water-soluble drug. International Journal of Nanomedicine, 2016, 11, 2829.	6.7	35
26	In vitro dissolution and bioavailability study of furosemide nanosuspension prepared using design of experiment (DoE). Saudi Pharmaceutical Journal, 2019, 27, 96-105.	2.7	31
27	Effect of Chitosan Coating on PLGA Nanoparticles for Oral Delivery of Thymoquinone: In Vitro, Ex Vivo, and Cancer Cell Line Assessments. Coatings, 2021, 11, 6.	2.6	31
28	Solubility and thermodynamic parameters of apigenin in different neat solvents at different temperatures. Journal of Molecular Liquids, 2017, 234, 73-80.	4.9	30
29	Development and optimization of self-nanoemulsifying drug delivery systems (SNEDDS) for curcumin transdermal delivery: an anti-inflammatory exposure. Drug Development and Industrial Pharmacy, 2019, 45, 1073-1078.	2.0	30
30	The impact of process parameters on carrier free paracetamol nanosuspension prepared using different stabilizers by antisolvent precipitation method. Journal of Drug Delivery Science and Technology, 2018, 43, 122-128.	3.0	27
31	Pretreatment With Risperidone Ameliorates Systemic LPS-Induced Oxidative Stress in the Cortex and Hippocampus. Frontiers in Neuroscience, 2018, 12, 384.	2.8	27
32	Lignin nanoparticles as a promising vaccine adjuvant and delivery system for ovalbumin. International Journal of Biological Macromolecules, 2020, 163, 1314-1322.	7.5	26
33	Development of oral solid self-emulsifying lipid formulations of risperidone with improved in vitro dissolution and digestion. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 114, 239-249.	4.3	25
34	Utilizing spray drying technique to improve oral bioavailability of apigenin. Advanced Powder Technology, 2018, 29, 1676-1684.	4.1	25
35	Liposomal drug delivery of Aphanamixis polystachya leaf extracts and its neurobehavioral activity in mice model. Scientific Reports, 2020, 10, 6938.	3.3	25
36	Influence of the microwave technology on solid dispersions of mefenamic acid and flufenamic acid. PLoS ONE, 2017, 12, e0182011.	2.5	25

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37	&lt;p&gt;Self-nanoemulsifying ramipril tablets: a novel delivery system for the enhancement of drug dissolution and stability&lt;/p&gt;. International Journal of Nanomedicine, 2019, Volume 14, 5435-5448.	6.7	24
38	Multi-Layer Self-Nanoemulsifying Pellets: an Innovative Drug Delivery System for the Poorly Water-Soluble Drug Cinnarizine. AAPS PharmSciTech, 2018, 19, 2087-2102.	3.3	23
39	Chronicles of Nanoerythroosomes: An Erythrocyte-Based Biomimetic Smart Drug Delivery System as a Therapeutic and Diagnostic Tool in Cancer Therapy. Pharmaceutics, 2021, 13, 368.	4.5	23
40	Development, Characterization Optimization, and Assessment of Curcumin-Loaded Bioactive Self-Nanoemulsifying Formulations and Their Inhibitory Effects on Human Breast Cancer MCF-7 Cells. Pharmaceutics, 2020, 12, 1107.	4.5	21
41	Silver nanoparticles enhanced flow injection chemiluminescence determination of gatifloxacin in pharmaceutical formulation and spiked urine sample. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 144, 170-175.	3.9	20
42	Dissolution improvement of solid self-emulsifying drug delivery systems of fenofibrate using an inorganic high surface adsorption material. Acta Pharmaceutica, 2015, 65, 29-42.	2.0	20
43	Variability in Catechin and Rutin Contents and Their Antioxidant Potential in Diverse Apple Genotypes. Molecules, 2019, 24, 943.	3.8	20
44	Levodopa Improves Aβ1-Induced Spatial Working Memory Impairment in Swiss albino Mice. Frontiers in Neuroscience, 2019, 13, 278.	2.8	19
45	The growing complexity of COVID-19 drug and vaccine candidates: challenges and critical transitions. Journal of Infection and Public Health, 2021, 14, 214-220.	4.1	19
46	Clinico-Pathological Importance of miR-146a in Lung Cancer. Diagnostics, 2021, 11, 274.	2.6	19
47	Curcumin Ameliorates the Cd-Induced Anxiety-like Behavior in Mice by Regulating Oxidative Stress and Neuro-Inflammatory Proteins in the Prefrontal Cortex Region of the Brain. Antioxidants, 2021, 10, 1710.	5.1	19
48	Antioxidant and Antimutagenic Activities of Different Fractions from the Leaves of Rhododendron arboreum Sm. and Their GC-MS Profiling. Molecules, 2018, 23, 2239.	3.8	18
49	Biofunctional Hyaluronic Acid/̢-Carrageenan Injectable Hydrogels for Improved Drug Delivery and Wound Healing. Polymers, 2022, 14, 376.	4.5	17
50	Nanoparticles Loaded Thermo-responsive In Situ Gel for Ocular Antibiotic Delivery against Bacterial Keratitis. Polymers, 2022, 14, 1135.	4.5	17
51	Development and Optimization of Epigallocatechin-3-Gallate (EGCG) Nano Phytosome Using Design of Experiment (DoE) and Their In Vivo Anti-Inflammatory Studies. Molecules, 2020, 25, 5453.	3.8	16
52	Screening, selection and development of Bacillus subtilis apr-IBL04 for hyper production of macromolecule alkaline protease. Saudi Journal of Biological Sciences, 2021, 28, 1494-1501.	3.8	16
53	Zingerone (4-(4-hydroxy-3-methylphenyl) butane-2-one) modulates adjuvant-induced rheumatoid arthritis by regulating inflammatory cytokines and antioxidants. Redox Report, 2021, 26, 62-70.	4.5	16
54	Role of Alternative Lipid Excipients in the Design of Self-Nanoemulsifying Formulations for Fenofibrate: Characterization, in vitro Dispersion, Digestion and ex vivo Gut Permeation Studies. Frontiers in Pharmacology, 2018, 9, 1219.	3.5	15

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55	Simultaneous determination of Curcumin (Cur) and Thymoquinone (THQ) in lipid based self-nanoemulsifying systems and its application to the commercial product using UHPLC-UV-Vis spectrophotometer. <i>Current Pharmaceutical Analysis</i> , 2018, 14, 277-285.	0.6	15
56	Solubility determination and thermodynamic data of apigenin in binary {Transcutol + water} mixtures. <i>Industrial Crops and Products</i> , 2018, 116, 56-63.	5.2	14
57	Zingerone [4-(3-Methoxy-4-hydroxyphenyl)-butan-2] Attenuates Lipopolysaccharide-Induced Inflammation and Protects Rats from Sepsis Associated Multi Organ Damage. <i>Molecules</i> , 2020, 25, 5127.	3.8	14
58	Combined Self-Nanoemulsifying and Solid Dispersion Systems Showed Enhanced Cinnarizine Release in Hypochlorhydria/Achlorhydria Dissolution Model. <i>Pharmaceutics</i> , 2021, 13, 627.	4.5	14
59	In vitro Methods for In vitro-In vivo Correlation (IVIVC) for Poorly Water Soluble Drugs: Lipid Based Formulation Perspective. <i>Current Drug Delivery</i> , 2018, 15, 918-929.	1.6	14
60	Effects of Paeonia emodi on hepatic cytochrome P450 (CYP3A2 and CYP2C11) expression and pharmacokinetics of carbamazepine in rats. <i>Biomedicine and Pharmacotherapy</i> , 2017, 90, 694-698.	5.6	13
61	Liposomal drug delivery of Corchorus olitorius leaf extract containing phytol using design of experiment (DoE): In-vitro anticancer and in-vivo anti-inflammatory studies. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 199, 111543.	5.0	13
62	UHPLC Method Development for Determining Sitagliptin and Dapagliflozin in Lipid-Based Self-Nanoemulsifying Systems as Combined Dose in Commercial Products and its Application to Pharmacokinetic Study of Dapagliflozin in Rats. <i>Pharmaceutical Chemistry Journal</i> , 2019, 53, 79-87.	0.8	12
63	A fraction of Pueraria tuberosa extract, rich in antioxidant compounds, alleviates ovariectomized-induced osteoporosis in rats and inhibits growth of breast and ovarian cancer cells. <i>PLoS ONE</i> , 2021, 16, e0240068.	2.5	12
64	Combined Curcumin and Lansoprazole-Loaded Bioactive Solid Self-Nanoemulsifying Drug Delivery Systems (Bio-SSNEDDS). <i>Pharmaceutics</i> , 2022, 14, 2.	4.5	12
65	The Studies of Phase Equilibria and Efficiency Assessment for Self-Emulsifying Lipid-Based Formulations. <i>AAPS PharmSciTech</i> , 2012, 13, 522-533.	3.3	11
66	An environmentally benign HPLC-UV method for thermodynamic solubility measurement of vitamin D3 in various (Transcutol + water) mixtures. <i>Journal of Molecular Liquids</i> , 2017, 242, 798-806.	4.9	11
67	Induced systemic tolerance mediated by plant-microbe interaction in maize ( <i>Zea mays</i> L.) plants under hydrocarbon contamination. <i>Chemosphere</i> , 2022, 290, 133327.	8.2	11
68	pH-Responsive Liposomes of Dioleoyl Phosphatidylethanolamine and Cholesteryl Hemisuccinate for the Enhanced Anticancer Efficacy of Cisplatin. <i>Pharmaceutics</i> , 2022, 14, 129.	4.5	11
69	The influence of the ratio of lipid to surfactant and the presence of cosolvent on phase behaviour during aqueous dilution of lipid-based drug delivery systems. <i>Journal of Drug Delivery Science and Technology</i> , 2012, 22, 531-540.	3.0	10
70	Antioxidant Potential and In Situ Analysis of Major and Trace Element Determination of Ood-saleeb, a Known Unani Herbal Medicine by ICP-MS. <i>Biological Trace Element Research</i> , 2016, 172, 521-527.	3.5	10
71	Central composite design expert-supported development and validation of HPTLC method: Relevance in quantitative evaluation of protopine in <i>Fumaria indica</i> . <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 487-494.	2.7	10
72	Development and optimization of sitagliptin and dapagliflozin loaded oral self-nanoemulsifying formulation against type 2 diabetes mellitus. <i>Drug Delivery</i> , 2021, 28, 100-114.	5.7	10

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73	Chemical characterization and evaluation of the nephroprotective potential of Parrotiopsis jacquemontiana (Decne) Rehder and Periploca hydaspidis Falc crude extract in CCl4-induced Male Sprague-Dawley Rats. Saudi Journal of Biological Sciences, 2022, 29, 702-712.	3.8	10
74	Preparation and Characterization of Stable Nanosuspension for Dissolution Rate Enhancement of Furosemide: A Quality by Design (QbD) Approach. Current Drug Delivery, 2018, 15, 672-685.	1.6	10
75	UPLC-MS method for the simultaneous determination of naproxen, fluvastatin and ibuprofen in waste water samples. Journal of Industrial and Engineering Chemistry, 2015, 24, 302-307.	5.8	9
76	Simultaneous separation of antihyperlipidemic drugs by green ultrahigh-performance liquid chromatography-diode array detector method: Improving the health of liquid chromatography. Journal of Food and Drug Analysis, 2017, 25, 430-437.	1.9	9
77	Rat palatability, pharmacodynamics effect and bioavailability of mefenamic acid formulations utilizing hot-melt extrusion technology. Drug Development and Industrial Pharmacy, 2019, 45, 1610-1616.	2.0	9
78	Therapeutic Potential of Rhododendron arboreum Polysaccharides in an Animal Model of Lipopolysaccharide-Inflicted Oxidative Stress and Systemic Inflammation. Molecules, 2020, 25, 6045.	3.8	9
79	Development and validation of a UPLC method for quantification of antiviral agent, Acyclovir in lipid-based formulations. Arabian Journal of Chemistry, 2019, 12, 1707-1714.	4.9	8
80	Preparation and Optimization of PEGylated Nano Graphene Oxide-Based Delivery System for Drugs with Different Molecular Structures Using Design of Experiment (DoE). Molecules, 2021, 26, 1457.	3.8	8
81	Three-Dimensional Printing of a Container Tablet: A New Paradigm for Multi-Drug-Containing Bioactive Self-Nanoemulsifying Drug-Delivery Systems (Bio-SNEDDSs). Pharmaceutics, 2022, 14, 1082.	4.5	8
82	Development and validation of bioanalytical UHPLC-UV method for simultaneous analysis of unchanged fenofibrate and its metabolite fenofibric acid in rat plasma: Application to pharmacokinetics. Saudi Pharmaceutical Journal, 2017, 25, 128-135.	2.7	7
83	Norfloracin Loaded Lipid Polymer Hybrid Nanoparticles for Oral Administration: Fabrication, Characterization, In Silico Modelling and Toxicity Evaluation. Pharmaceutics, 2021, 13, 1632.	4.5	7
84	Green Synthesis of BPL-NiONPs Using Leaf Extract of Berberis pachyacantha: Characterization and Multiple In Vitro Biological Applications. Molecules, 2022, 27, 2064.	3.8	7
85	The role of lipid-based drug delivery systems for enhancing solubility of highly selective antiviral agent acyclovir. Pharmaceutical Development and Technology, 2017, 22, 312-321.	2.4	6
86	Cholinesterase inhibitory activity of tinosporide and 8-hydroxytinosporide isolated from Tinospora cordifolia: In vitro and in silico studies targeting management of Alzheimer's disease. Saudi Journal of Biological Sciences, 2021, 28, 3893-3900.	3.8	6
87	Utilization of novel self-nanoemulsifying formulations (SNEFs) loaded paclitaxel for the treatment prosperity of bladder cancer. Journal of Drug Delivery Science and Technology, 2020, 56, 101514.	3.0	5
88	Solubility of Cinnarizine in (Transcutol + Water) Mixtures: Determination, Hansen Solubility Parameters, Correlation, and Thermodynamics. Molecules, 2021, 26, 7052.	3.8	5
89	Liposomal Drug Delivery of Blumea lacera Leaf Extract: In-Vivo Hepatoprotective Effects. Nanomaterials, 2022, 12, 2262.	4.1	5
90	UHPLC assisted simultaneous separation of apigenin and prednisolone and its application in the pharmacokinetics of apigenin. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1117, 58-65.	2.3	4

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91	Methods of screening, monitoring and management of cardiac toxicity induced by chemotherapeutics. Chinese Chemical Letters, 2022, , .	9.0	3
92	Analysis of a 3-(Naphthalen-1-ylimino)indolin-2-one Compound and Its Antimicrobial Assessment Using Lipid-Based Self-Nanoemulsifying Formulations. Molecules, 2021, 26, 15.	3.8	2
93	CHARACTERIZATION OF BINDING SITES OF CLOPIDOGREL AND INTERFERENCE OF LINOLEIC ACID AT THE BINDING SITE ON BOVINE SERUM ALBUMIN. Acta Poloniae Pharmaceutica, 2017, 74, 119-125.	0.1	2
94	Comparative Analysis of Metal Ions and Texture of Ajwa Seed Powder Using Inductively Coupled Plasma-Mass Spectrometry. Food Analytical Methods, 2021, 14, 1011-1020.	2.6	1
95	Azithromycin Nanosuspension Preparation using Evaporative Precipitation into the Aqueous Solution (EPAS) Method and its Comparative Dissolution Study. Current Pharmaceutical Analysis, 2021, 17, 1224-1231.	0.6	1
96	Connective tissue growth factor expression hints at aggressive nature of colorectal cancer. World Journal of Gastroenterology, 2022, 28, 547-569.	3.3	1
97	Development and Validation of Stability-Indicating Ultra High-Performance Liquid Chromatography for Ramipril Analysis in Pharmaceutical Dosage Forms and its Application in Lipid-based Formulations. Oriental Journal of Chemistry, 2018, 34, 64-74.	0.3	0
98	Simultaneous Determination of Cholecalciferol and 25-Hydroxycholecalciferol in Lipid-based Self-nanoemulsifying formulations and Marketed Product Vi-de 3A by UHPLC-UV. Current Pharmaceutical Analysis, 2019, 16, 100-109.	0.6	0
99	In silico view of MTA1 biochemical signatures in breast malignancy for improvement in immunosurveillance. Journal of King Saud University - Science, 2022, 34, 101843.	3.5	0
100	Phospholipid Based Nano Drug Delivery Systems of Phytoconstituents. , 0, , .		0
101	Anxiolytic, anti-nociceptive and body weight reducing effects of L-lysine in rats: Relationship with brain serotonin an In-Vivo and In-Silico study. Biomedicine and Pharmacotherapy, 2022, 152, 113235.	5.6	0