

# Mehdi Ansari

## List of Publications by Year in descending order

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Version: 2024-02-01

80  
papers

1,479  
citations

394421

19  
h-index

361022

35  
g-index

81  
all docs

81  
docs citations

81  
times ranked

2017  
citing authors

#	ARTICLE	IF	CITATIONS
1	Removal of lead, cadmium, zinc, and copper from industrial wastewater by carbon developed from walnut, hazelnut, almond, pistachio shell, and apricot stone. <i>Journal of Hazardous Materials</i> , 2008, 150, 322-327.	12.4	220
2	A stability-indicating high performance liquid chromatographic (HPLC) assay for the simultaneous determination of atorvastatin and amlodipine in commercial tablets. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 846, 215-221.	2.3	127
3	A Review on Biosynthesis, Analytical Techniques, and Pharmacological Activities of Trigonelline as a Plant Alkaloid. <i>Journal of Dietary Supplements</i> , 2018, 15, 207-222.	2.6	78
4	Use of adsorptive square-wave anodic stripping voltammetry at carbon paste electrode for the determination of amlodipine besylate in pharmaceutical preparations. <i>Journal of Analytical Chemistry</i> , 2009, 64, 65-70.	0.9	71
5	Amoxicillin Removal from Aqueous Media Using Multi-Walled Carbon Nanotubes. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2015, 23, 165-169.	2.1	63
6	Cerium-doped flower-shaped ZnO nano-crystallites as a sensing component for simultaneous electrochemical determination of epirubicin and methotrexate. <i>Mikrochimica Acta</i> , 2020, 187, 24.	5.0	57
7	Development of a simple green extraction procedure and HPLC method for determination of oleuropein in olive leaf extract applied to a multi-source comparative study. <i>Journal of the Iranian Chemical Society</i> , 2011, 8, 38-47.	2.2	51
8	The study of drug permeation through natural membranes. <i>International Journal of Pharmaceutics</i> , 2006, 327, 6-11.	5.2	45
9	Computational design as a green approach for facile preparation of molecularly imprinted polyarginine-sodium alginate-multiwalled carbon nanotubes composite film on glassy carbon electrode for theophylline sensing. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 162, 215-224.	2.8	39
10	Cationic $\beta$ -Cyclodextrin-Chitosan Conjugates as Potential Carrier for pmCherry-C1 Gene Delivery. <i>Molecular Biotechnology</i> , 2016, 58, 287-298.	2.4	31
11	Ultrasonic assisted synthesis of a novel ternary nanocomposite based on carbon nanotubes/zeolitic imidazolate framework-67/polyaniline for solid-phase microextraction of organic pollutants. <i>Microchemical Journal</i> , 2020, 157, 105008.	4.5	30
12	The defluoridation of drinking water using multi-walled carbon nanotubes. <i>Journal of Fluorine Chemistry</i> , 2011, 132, 516-520.	1.7	29
13	Therapeutic Potential of DNase Loaded on Chitosan/Cyclodextrin Nanoparticle to Recovery of Chemosensitivity in the MCF-7 Cell Line. <i>Applied Biochemistry and Biotechnology</i> , 2019, 187, 708-723.	2.9	29
14	Synthesis, characterization, and cytotoxicity of the plasmid EGFP-p53 loaded on pullulan-spermine magnetic nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 402, 34-43.	2.3	28
15	Cytotoxicity Effects of Curcumin Loaded on Chitosan Alginate Nanospheres on the KMBC-10 Spheroids Cell Line. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 579-589.	6.7	27
16	Glioblastoma Targeted Gene Therapy Based on pEGFP/p53-Loaded Superparamagnetic Iron Oxide Nanoparticles. <i>Current Gene Therapy</i> , 2017, 17, 59-69.	2.0	26
17	Selective extraction of morphine from biological fluids by magnetic molecularly imprinted polymers and determination using UHPLC with diode array detection. <i>Journal of Separation Science</i> , 2018, 41, 958-965.	2.5	22
18	Anti Herpes simplex-1 Activity of A Standard Extract of <i>Zataria multiflora</i> Boiss. <i>Pakistan Journal of Biological Sciences</i> , 2013, 16, 180-184.	0.5	22

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19	Morphine Sensing by a Green Modified Molecularly Imprinted Poly L-Lysine/Sodium Alginate-Activated Carbon/Glassy Carbon Electrode Based on Computational Design. <i>Electroanalysis</i> , 2019, 31, 468-476.	2.9	20
20	A Comparative Study of First-Derivative Spectrophotometry and High-Performance Liquid Chromatography Applied to the Determination of Losartan Potassium in Tablets. <i>Chemical and Pharmaceutical Bulletin</i> , 2004, 52, 1166-1170.	1.3	18
21	Analysis and probabilistic health risk assessment of some trace elements contamination and sulphur dioxide residual in raisins. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 8401-8415.	3.3	18
22	A new diosgenin sensor based on molecularly imprinted polymer of para aminobenzoic acid selected by computer-aided design. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 174, 552-560.	2.8	17
23	An Overview of the Roselle Plant with Particular Reference to Its Cultivation, Diseases and Usages. <i>European Journal of Medicinal Plants</i> , 2013, 3, 135-145.	0.5	17
24	Evaluation of the potential of <i>Trichoderma viride</i> in the control of fungal pathogens of Roselle ( <i>Hibiscus sabdariffa</i> L.) in vitro. <i>Microbial Pathogenesis</i> , 2012, 52, 201-205.	2.9	16
25	Computational design, synthesis and utilization of a magnetic molecularly imprinted polymer on graphene oxide nanosheets for highly selective extraction and determination of buprenorphine in biological fluids and tablets. <i>Analytical Methods</i> , 2018, 10, 5214-5226.	2.7	16
26	Tris-chelated complexes of nickel(II) with bipyridine derivatives: DNA binding and cleavage, BSA binding, molecular docking, and cytotoxicity. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 3887-3904.	3.5	15
27	&lt;p&gt;Nano-Graphene Oxide-supported APTES-Spermine, as Gene Delivery System, for Transfection of pEGFP-p53 into Breast Cancer Cell Lines&lt;/p&gt;. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 3087-3097.	4.3	15
28	Computer-aided design and synthesis of a highly selective molecularly imprinted polymer for the extraction and determination of buprenorphine in biological fluids. <i>Journal of Separation Science</i> , 2017, 40, 3175-3182.	2.5	14
29	Selective extraction of organophosphorous pesticides in plasma by magnetic molecularly imprinted polymers with the aid of computational design. <i>Analytical Methods</i> , 2018, 10, 4136-4142.	2.7	14
30	In vitro evaluation of anti-herpes simplex-1 activity of three standardized medicinal plants from Lamiaceae. <i>Ancient Science of Life: Journal of International Institute of Ayurveda</i> , 2014, 34, 33.	0.3	14
31	Preparation of polypyrrole/nanosilica composite for solid-phase microextraction of bisphenol and phthalates migrated from containers to eye drops and injection solutions. <i>Journal of Pharmaceutical Analysis</i> , 2019, 9, 185-192.	5.3	13
32	Selective extraction of malathion from biological fluids by molecularly imprinted polymer coated on spinel ZnFe <sub>2</sub> O <sub>4</sub> magnetic nanoparticles based on green synthesis. <i>Separation Science and Technology</i> , 2021, 56, 1899-1909.	2.5	13
33	Temperature-modulated permeation of hydroxy urea through thermotropic liquid crystals embedded in poly-HEMA. <i>Journal of Membrane Science</i> , 2003, 223, 217-226.	8.2	12
34	A Qualitative Survey of Five Antibiotics in a Water Treatment Plant in Central Plateau of Iran. <i>Journal of Environmental and Public Health</i> , 2013, 2013, 1-9.	0.9	12
35	Pharmacokinetic profile of diosgenin and trigonelline following intravenous and oral administration of fenugreek seed extract and pure compound in rabbit. <i>Journal of Asian Natural Products Research</i> , 2021, 23, 466-477.	1.4	12
36	The Development and Validation of a Dissolution Method for Clomipramine Solid Dosage Forms. <i>Dissolution Technologies</i> , 2004, 11, 16-24.	0.6	12

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37	Magnetogel Nanospheres Composed of Cisplatin-Loaded Alginate/BCyclodextrinas Controlled Release Drug Delivery. <i>Advanced Pharmaceutical Bulletin</i> , 2019, 9, 571-577.	1.4	12
38	Synthesis of Molecularly Imprinted Polymer on Magnetic Core-Shell Silica Nanoparticles for Recognition of Congo Red. <i>Eurasian Journal of Analytical Chemistry</i> , 2018, 13, .	0.4	12
39	Dispersive solid-phase extraction of buprenorphine from biological fluids using metal-organic frameworks and its determination by ultra-performance liquid chromatography. <i>Journal of Separation Science</i> , 2020, 43, 3045-3052.	2.5	11
40	Computational modeling, fabrication, and characterization of the deep eutectic solvent-based green molecular cage for selective metronidazole extraction from plasma followed by UHPLC with diode array detector determination. <i>Journal of Separation Science</i> , 2021, 44, 3268-3278.	2.5	10
41	Computation-Assisted Molecularly Imprinted Polymer Synthesis for Extraction of Naltrexone from Urine Using Experimental Design and Determination by UPLC-DAD. <i>Journal of AOAC INTERNATIONAL</i> , 2017, 100, 700-711.	1.5	9
42	Teucrium polium L. extract adsorbed on zinc oxide nanoparticles as a fortified sunscreen. <i>International Journal of Pharmaceutical Investigation</i> , 2013, 3, 188.	0.3	8
43	Assessment of the effect of sachet formulation of almond ( <i>Amygdalus dulcis</i> L.) on diarrhea prominent irritable bowel syndrome (IBS-D) symptoms: A clinical trial. <i>Complementary Therapies in Medicine</i> , 2019, 45, 242-247.	2.7	8
44	Computational Design and Electropolymerization of Molecularly Imprinted Poly( <i>p</i> -Aminobenzoic Acid-Dapsone) Using Multivariate Optimization for Tetradifon Residue Analysis. <i>ChemistrySelect</i> , 2019, 4, 12236-12244.	1.5	8
45	Fenugreek dermal patch, a new natural topical antinociceptive medication for relieving the postherniotomy pain, a double-blind placebo controlled trial. <i>Journal of Complementary and Integrative Medicine</i> , 2019, 16, .	0.9	8
46	Synthesis, Characterization and Toxicity Assessment of the Novel Non covalent Functionalized Multi-walled Carbon Nanotubes with Glycyrrhizin, Curcumin and Rutin. <i>Journal of Cluster Science</i> , 2022, 33, 975-984.	3.3	8
47	Electrochemical fabrication of polypyrrole/hazelnut shells modified carbon nanocomposite sorbent for determination of polycyclic aromatic hydrocarbons using headspace solid-phase microextraction-gas chromatography. <i>Green Chemistry Letters and Reviews</i> , 2021, 14, 551-562.	4.7	8
48	Efficacy of Olive Leaf Extract in the Treatment of Minor Oral Aphthous Ulcers. <i>American Journal of Infectious Diseases</i> , 2007, 3, 24-26.	0.2	8
49	Application of polyaniline-multiwalled carbon nanotubes composite fiber for determination of benzaldehyde in injectable pharmaceutical formulations by solid-phase microextraction GC-FID using experimental design. <i>Journal of Analytical Chemistry</i> , 2017, 72, 264-271.	0.9	7
50	Electrochemical synthesis, characterization, and spectroelectrochemical evaluation of poly( <i>para</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2 Electronics, 2019, 30, 8686-8697.	2.2	7
51	Inhibitory Effect of a Standard Extract of <i>Zhumeria majdae</i> Rech.f. and <i>Wendelbo.</i> against Herpes simplex-1 Virus. <i>Journal of Medical Sciences (Faisalabad, Pakistan)</i> , 2013, 13, 755-760.	0.0	7
52	Antiamnesic Effects of Walnuts Consumption on Scopolamine-Induced Memory Impairments in Rats. <i>Basic and Clinical Neuroscience</i> , 2015, 6, 91-9.	0.6	7
53	Optimization and infrared spectrometric evaluation of the mechanical properties of PLA-based biocomposites. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2019, 56, 17-25.	2.2	6
54	Radioprotective Potential of Sulindac Sulfide to Prevent DNA Damage Due to Ionizing Radiation. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 4127-4134.	4.3	6

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55	<i>Nigella sativa</i> L., Supplementary Plant with Anticholinesterase Effect for Cognition Problems: A Kinetic Study. <i>Current Aging Science</i> , 2020, 13, 129-135.	1.2	6
56	Experimental central composite design-based dispersive liquid-liquid microextraction for HPLC-DAD determination of diazinon in human urine samples: method development and validation. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2020, 71, 48-55.	0.7	5
57	Electropolymerized MIP with MWCNTs on Stir Bar Using Multivariate Optimization for Tetradifon Detection in Date. <i>Pharmaceutical Nanotechnology</i> , 2019, 7, 404-417.	1.5	4
58	The effect of antimicrobial activity of <i>Teucrium Polium</i> on Oral <i>Streptococcus Mutans</i> : a randomized cross-over clinical trial study. <i>BMC Oral Health</i> , 2020, 20, 130.	2.3	4
59	Cell immobilization of <i>Streptomyces griseobrunneus</i> by microcrystalline cellulose for production of cyclodextrin glucanotransferase enzyme. <i>Cogent Engineering</i> , 2021, 8, .	2.2	4
60	Embryo-toxicity of docosahexaenoic and eicosapentaenoic acids: In vivo and in silico investigations using the chick embryo model. <i>Biomedicine and Pharmacotherapy</i> , 2021, 136, 111218.	5.6	4
61	Simultaneous Spectrophotometric Determination of Trigonelline, Diosgenin and Nicotinic Acid in Dosage Forms Prepared from Fenugreek Seed Extract. <i>Iranian Journal of Pharmaceutical Research</i> , 2020, 19, 153-159.	0.5	4
62	The influence of experimental spinal cord injury on carbamazepine pharmacokinetics. <i>Archives of Iranian Medicine</i> , 2006, 9, 231-5.	0.6	4
63	A study on oxidative stress, hematological and biochemical parameters in copper smelter workers. <i>Toxin Reviews</i> , 2017, , 1-6.	3.4	3
64	Leishmanicidal potentials of <i>Gossypium hirsutum</i> extract and its fractions on <i>Leishmania major</i> in a murine model: parasite burden, gene expression, and histopathological profile. <i>Journal of Medical Microbiology</i> , 2021, 70, .	1.8	3
65	Controlled Release Imatinib Mesylate Tablet Formulation: Using Hydrophilic Matrix System. <i>Pharmaceutical Sciences</i> , 2015, 21, 157-166.	0.8	3
66	Cerebrospinal Fluid Concentration of Interleukin-6 and Interleukin-10 in Idiopathic Intracranial Hypertension. <i>Journal of Medical Sciences (Faisalabad, Pakistan)</i> , 2008, 8, 205-208.	0.0	3
67	EXTRACTION AND DETERMINATION OF BIOMARKERS IN <i>FICUS CARICA</i> L. LEAVES FROM VARIOUS SPECIES AND DIFFERENT CULTIVARS BY HPLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2012, 35, 2831-2844.	1.0	2
68	Photodegradation Study of Nystatin by UV-Vis Spectrophotometry and Chemometrics Modeling. <i>Journal of AOAC INTERNATIONAL</i> , 2014, 97, 1206-1212.	1.5	2
69	Screening of adulteration in packaging biocomposites by infrared spectroscopy and chemometrics. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 671-680.	2.2	2
70	Enhancing purification of $\alpha$ -amylase by superparamagnetic complex with alginate/chitosan/ $\beta$ -cyclodextrin/TPP. <i>Biocatalysis and Biotransformation</i> , 2019, 37, 201-209.	2.0	2
71	Determination of trigonelline in human plasma by magnetic solid-phase extraction: a pharmacokinetic study. <i>Nanomedicine</i> , 2021, 16, 323-333.	3.3	2
72	Amitriptyline pharmacokinetics in experimental spinal cord injury in the rabbit. <i>Indian Journal of Pharmaceutical Sciences</i> , 2008, 70, 782.	1.0	2

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73	Formulation and Characterization of Dill Seed Vaginal Cream Based on a Traditional Medicine. Journal of Pharmaceutical Research International, 2018, 23, 1-10.	1.0	2
74	Molecular imprinted polymer with dorzolamide for contact lens applications assisted by computational and experimental design. Reactive and Functional Polymers, 2022, , 105355.	4.1	2
75	Tyrosinase kinetic in the presence of three inhibitory medicinal plants. International Journal of Green Pharmacy, 2011, 5, 103.	0.1	1
76	Clinical efficacy of a buccoadhesive paste from Fenugreek seeds (Trigonella foenum graecum L.) on recurrent aphthous stomatitis: in-vitro assessment of non-toxic concentration and pilot trial. Advances in Integrative Medicine, 2022, 9, 17-21.	0.9	1
77	Optimization and Validation of a novel Nebulizer-assisted Liquid Phase Microextraction Followed by HPLC-DAD for Diazinon Analysis in Plasma Samples. , 2019, 9, 221-232.		0
78	Comparing the Effect of Dill Seed Vaginal Cream, with a Persian Traditional Base, and 1% Clotrimazole Vaginal Cream on Vulvovaginal Candidiasis: A Double-Blind, Randomized Clinical Trial. Iranian Red Crescent Medical Journal, 2018, In Press, .	0.5	0
79	Synthesis of bentonite- $\beta$ -cyclodextrin-iron nanoparticles composite as a magnetic adsorbent in solid-phase extraction for separation of nicotinic acid N-methylbetaine: an optimized process. Polymer Bulletin, 0, , 1.	3.3	0
80	Population Pharmacokinetics of Imatinib and its application to the therapeutic drug monitoring: Middle East CML population. gulf journal of oncology, The, 2016, 1, 26-36.	0.2	0