List of Publications-2021

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| **S.No.** | | **Title of paper** | **Name of the author/s** | **Name of Journal** | **Year** |
|  | | **Novel drugs and their combinations used in treating AIDS**. | Mehnaz Showkat, Humaira Bilal, Bilquees, **Nahida Tabassum**. | European Journal of Pharmaceutical and Medical Research.  Society for Advance Healthcare Research. | **2021** |
|  | | **Recent developments in oxidative functionalization reactions promoted by TBAI/TBHP.** | Firdoos Ahmad Sofi, Rohit Sharma, Mubashir H Masoodi, **Nahida Tabassum**. | Synthetic Communications.  Taylor and Francis Online | **2021** |
|  | |  |  |  |  |
|  | | Enhancing therapeutic potential of poor aqueous soluble herbal drugs through solid dispersion-An overview | ShahidUd Din Wani , VasundhraKakkar, Surya Prakash Gautam, Gangadharappa HV, Mohammad Ali, **Mubashir Hussain Masoodi**, AfrasimMoin | Phytomedicine Plus *(IF-6.6)* | **2021** |
|  | | Amelioration of Experimental Hepatotoxicity in Rats by *Portulacaoleracea*  Linn. from Kashmir Himalaya. | Mohd Akbar Dar, PrinceAhad Mir, Javid Iqbal, **Mubashir Hussain Masoodi1\*,**BaharAhmad. | Combinatorial Chemistry & High Throughput Screening *(IF-1.7)* | **2021** |
|  | | Antidaibetic Activity Guided Isolation of α -amylase and α – glucosidase inhibitory terpenes from *Capsella bursa*-pastoris. | Mohd Akbar Dar, Prince AhadMir,Seema Akbar, **Mubashir Hussain Masoodi1\*,** ShowkatR.Mir | Endocrine, Metabolic & Immune Disorders - Drug Targets *(IF-1.9)* | **2021** |
|  | | Design, Synthesis, Molecular Modelling, and Biological Evaluation of Oleanolic Acid-Arylidene Derivatives as Potential Anti-Inflammatory Agents | Reyaz Hassan Mir, Goutami Godavari, Nasir Ali Siddiqui, Bilal Ahmad, Ramzi A Mouthana, RiazUllah, Omer M Alamarfadi, Sanjay M Jachak, **Mubashir Hussain Masoodi\*** | Drug Design, Development and Therapy  *(IF-4.3)* | **2021** |
|  | | * Clinical biomarkers and novel drug targets to cut Gordian Knots of Alzheimer's. | Abdul Jaleel Shah Reyaz Hassan Mir, RoohiMohi-ud-din, TahaUmairWani, Mohammad Ovais Dar, , Bashir Lone, Chawla Pooja, **Mubashir Hussain Masoodi\*** | Current Molecular Pharmacology  *(IF-2.3)* | **2021** |
|  | | * Indole: A Privileged Heterocyclic Moiety in the Management of Cancer. | Reyaz Hassan Mir, RoohiMohi-ud-din, TahaUmairWani, Mohammad Ovais Dar, Abdul Jaleel shah, Bashir Lone, Chawla Pooja, **Mubashir Hussain Masoodi\*** | Current Organic Chemistry.  *(IF-5.3)* | **2021** |
|  | | * Depression: An insight into Heterocyclic and Cyclic Hydrocarbon Compounds inspired from Natural Sources | Abdul Jalil Shah, Reyaz Hassan Mir, FaheemHyderPottoo, **Mubashir Hussain Masoodi**\*, Zulfiqar Ali Bhat. | Current Neuropharmacology. *(IF-5.3)* | **2021** |
|  | | [Pharmacognostic standardization of *Aralia cachemirica*: a comparative study](https://link.springer.com/article/10.1186/s43094-021-00181-y) | Neelofar Majid, Saduf Nissar, Weekar Younus Raja, Irshad A Nawchoo, Zulfikar Ali Bhat | Future Journal of Pharmaceutical Sciences | 2021 |
|  | | [Depression: an insight into heterocyclic and cyclic hydrocarbon compounds inspired from natural sources](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9185790/) | Abdul Jalil Shah, Reyaz Hassan Mir, Faheem Hyder Pottoo, Mubashir Hussain Masoodi, Zulfiqar Ali Bhat | Current Neuropharmacology | 2021 |
|  | | [Ethnomedicinal uses, phytochemistry and pharmacological aspects of the genus berberis linn: A comprehensive review](https://www.ingentaconnect.com/content/ben/cchts/2021/00000024/00000005/art00002) | Roohi Mohi-Ud-Din, Reyaz H Mir, Prince Ahad Mir, Saeema Farooq, Syed Naiem Raza, Weekar Younis Raja, Mubashir Hussain Masoodi, Inder Pal Singh, Zulfiqar Ali Bhat | Combinatorial Chemistry & High Throughput Screening | 2021 |
|  | | * Green Synthesis, Spectroscopic Characterization and Biomedical Applications of Carbon Nanotubes | , Taha U, Khan Nisar A et al., | Current Pharmaceutical Biotechnology | **2021** |
|  | | [Antimicrobial activity of ‘Qurs-afsanteen’: A classical Unani tablet formulation prepared from *Artemisia absinthium*](https://www.researchgate.net/profile/Mudasir-Khazir/publication/355257394_Antimicrobial_activity_of_'Qurs-afsanteen'_A_classical_Unani_tablet_formulation_prepared_from_Artemisia_absinthium/links/61698321951b3574c643c61f/Antimicrobial-activity-of-Qurs-afsanteen-A-classical-Unani-tablet-formulation-prepared-from-Artemisia-absinthium.pdf), | Ansar Ahmad Sabha Shafi, Mudasir Khazir, Afsahul Kalam, **Mohammad IqbalZargar** | International Journal of Applied Research | 2021 |
|  | | [Antimicrobial activity of ‘Sharbat-unnab’a classical Unani elixir](https://www.researchgate.net/profile/Mohd-Kalam/publication/358751667_Antimicrobial_activity_of_'Sharbat-unnab'_a_classical_Unani_elixir/links/6213cfebf02286737cb29b12/Antimicrobial-activity-of-Sharbat-unnab-a-classical-Unani-elixir.pdf) | Ansar Ahmad Sabha Shafi, Mudasir Khazir, Afsahul Kalam, **Mohammad Iqbal Zargar** | International Journal of Herbal Medicine | 2021 |
|  | | [Gas chromatographic-mass spectrometric analysis, antibacterial, antioxidant and antiproliferative activities of the needle essential oil of Abies pindrow growing wild in](https://www.sciencedirect.com/science/article/pii/S0882401021002850)… | Gulam N Yatoo, Humara Wani, Shakeel A Shah, **Mohammad I Zargar**, Manzoor A Rather, Javid A Banday | Microbial Pathogenesis  (I.F 3.8) | 2021 |
|  | | Imidazopyridine, a promising scaffold with potential medicinal applications and structural activity relationship (SAR): recent advances | Samima Khatun, Abhinav Singh, Ghulam N. Bader& Firdoos Ahmad Sofi | *Journal of Biomolecular Structure and Dynamics* | **2021** |
|  | | Medicinal Plants and their Contribution in Socio-Economic Upliftment of the Household in Gurez Valley (J&K) | G. N. Bader\*, R. Rashid, T. Ali, T. A. Hajam, O. Kareem, S. A. Mir, I. Hassan | *Edible Plants in Health and Diseases Volume I* | **2021** |
| **List of Publications-2022** | | | | | |
|  | **Natural product inspired leads in the discovery of anticancer agents: an update** | | Firdous Ahmad Sofi and **Nahida Tabassum** | Journal of Biomolecular Structure and Dynamics,  Taylor and Francis | **2022** |
|  | Humira Jeelani, Jahangir Nabi, Yasmeena Akhter, **Nahida Tabasum**, Dil Afroze, Faheem Hyder Pottoo & Fasil Ali. | | **ApoE: A Risk Factor for Dementia.** | Current Thoughts on Dementia.  Springer Singapore | **2022** |
|  | **Phytochemical Profiling and Antibacterial Activity of Methanol Leaf Extract of *Skimmia anquetilia*.** | | Masarat Nabi, Mohammed Iqbal Zargar, **Nahida Tabassum**, Bashir Ahmad Ganai,Shahid Ud Din Wani, Sultan Alshehri, Prawez Alam and Faiyaz Shakeel. | Plants,  MDPI | **2022** |
|  | **Role of Environmental Toxicants on Neurodegenerative Disorders.** | | Masarat Nabi and **Nahida Tabassum**. | Frontiers in Toxicology,  Frontiers Media S.A. | **2022** |
|  | **Comprehensive Overview of Some Edible Medicinal Plants from Kashmir Valley: Cultural, Economic, and Pharmacological Importance**. | | Yasmeena Akther, Jahangir Nabi, **Nahida Tabassum.** | Edible Plants in Health and Diseases.  Springer Singapore | **2022** |
|  | Effect of Some Naturally Occurring **Monoterpenes viz d-Limonene, p-Cymene and Terpinolene on the Glycemic and Hepatic Function in a Rat Model of Type 2 Diabetes Mellitus** | | Sheeba Shakeel, **Nahida Tabassum**. | Pharmacognosy Research.  Phcog.Net | **2022** |
|  | **Phytochemical screening and antibacterial activity of *Skimmia anquetilia* NP Taylor and Airy Shaw: A first study from Kashmir Himalaya.** | | Masarat Nabi, **Nahida Tabassum**, Bashir Ahmad Ganai. | Frontiers in Plant Science.  Frontiers Media S. A. | **2022** |
|  | ***Skimmia anquetilia NP Taylor and Airy Shaw (Rutaceae)*: A Critical Appriasal of its Ethnobotanical and Pharmacological Activities.** | | Masarat Nabi, **Nahida Tabassum**, Bashir Ahmad Ganai. | Science.  Frontiers Media S. A | **2022** |
|  | **Comparison of survival and adverse effect profile in patients with esophageal cancer treated with the combination of carboplatin and paclitaxel vs. 5-fluorouracil and cisplatin**. | | Nasir Nisar, Lone M. Maqbool, **Nahida Tabassum.** | World Cancer Research Journal.  Verduci International | **2022** |
|  | **Immunopharmacogenomics: a hope in the treatment of carcinoma.** | | Bilquees, Humira Jeelani, **Nahida Tabasum**, Faheem Hyder Pottoo | A Molecular Approach to Immunogenetics.  Elsevier Inc. | **2022** |
|  | Promising Role of Silk-Based Biomaterials  for Ocular-Based Drug Delivery and Tissue Engineering. Polymers | | Wani, S.U.D.; **Masoodi, M.H**.; Gautam, S.P.; Shivakumar, H.G.; Alshehri, S.; Ghoneim, M.M.; Alam, P.; Shakeel, F. | POLYMERS  *(IF-4.3)* | **2022** |
|  | Silk Fibroin as an Efficient  Biomaterial for Drug Delivery, Gene Therapy, and Wound Healing. | | Wani, S.U.D,; Zargar, M.I.; **Masoodi, M.H**.; Alshehri, S.; Alam, P.; Ghoneim, M.M.;  Alshlowi, A.; Shivakumar, H.G.; Ali, M.; Shakeel, F. | International Journal of Molecular Sciences  *(IF-6.2)* | **2022** |
|  | Hybrid Polymer Composite of Prussian Red Doped Polythiophene for Adsorbitive Waste treatment Application | | * Mohd. Mustafa, Shabnam Bashir, Syed kazimMoosvi, Mohd. Haniefnajar, **Mubashir Hussain Masoodi,** Masood Ahmad Rizvi | ActaChimSolv  69  *(IF-1.5)* | **2022** |
|  | A review on nanoparticles categorization, characterization and applicationsindrigdelivary systems | | * ShahidUd Din Wani, Mohammad Ali, **Mubashir Hussain Masoodi,** N. A. Khan, M. I. Zargar, R. Hassan, S. Ahmad Mir, Surya Prakash Gautam, H V gangadharrappa, R. Ali, Osmani | Viberational Spectroscopy,  *(IF-2.3)* | **2022** |
|  | Plant-Derived Natural Compounds for the treatment of Amyotrophic lateral sclerosis: A Systematic Review. | | * RoohiMohi-ud-din**,** Reyaz Hassan, AbJalil Shah, S. Sabreen, Taha. Wani**, Mubashir Hussain Masoodi**, Zulfiqar Ali Bhat\*, Haroon Khan | Current Neuropharmacology  *(IF-5.3)* | **2022** |
|  | Anti oxidant,anti-inflammatory and anti diabetic potential of *Vitis vinifera* leaf extracts | | Sabeeha Shafi *et al.* | World journal of pharmaceutical research,**11**(2): 1858 -1876 {ISSN: 2277-7105} | 2022 |
|  | In vivo evaluation of *Abies pindrow* as an anti diabetic plant" | | Sabeeha Shafi *et al.* | International journal of pharmaceutical sciences and research, **13**(10): 4122 -4136 {ISSN: 2320-5148} Impact Factor = 2.44 | 2022 |
|  | [Bioactivity guided isolation and characterization of anti-hepatotoxic markers from Berberis pachyacantha Koehne](https://www.sciencedirect.com/science/article/pii/S266714252200104X) | | Nazir Ahmad Lone, Tanveer Ahmad Malik, Raghu Rai Sharma, Reyaz Hassan Mir, Tasduq S Abdullah, Inder Pal Singh, Zulfiqar Ali Bhat | Pharmacological Research-Modern Chinese Medicine | 2022 |
|  | [Probiotics in the Management of Diabetes](https://link.springer.com/chapter/10.1007/978-981-16-8444-9_4) | | Roohi Mohi-ud-din, Reyaz Hassan Mir, Saeema Farooq, Taha Umair Wani, Faheem Hyder Pottoo, Asma Mohi-ud-din, Zulfiqar Ali Bhat | Probiotic Research in Therapeutics: Volume 5: Metabolic Diseases and Gut Bacteria | 2022 |
|  | [Probiotics in the Management of Diabetes 4](https://link.springer.com/content/pdf/10.1007/978-981-16-8444-9.pdf#page=72) | | Zulfiqar Ali Bhat | Probiotic Research in | 2022 |
|  | [A Review on Ethnomedicinal, Phytochemistry and Pharmacological Activities of *Rumex hastatus* D. Don](https://link.springer.com/chapter/10.1007/978-981-16-4959-2_6) | | Iflah Hassan, Insha Mushtaq, Weekar Younus Raja, Zulfiqar Ali Bhat | Edible Plants in Health and Diseases: Volume II: Phytochemical and Pharmacological Properties | 2022 |
|  | [Pharmacognostic study of roots and aerial parts of less explored Heracleum candicans Wall. ex DC. from Betaab Valley, Pahalgam, Kashmir, India](https://or.niscpr.res.in/index.php/IJNPR/article/view/5578) | | Nissar Ahmad Dar, WY Raja, Devesh Tewari, Zulfiqar Ali Bhat | Indian Journal of Natural Products and Resources (IJNPR)[Formerly Natural Product Radiance (NPR)] | 2022 |
|  | [Resveratrol: A potential drug candidate with multispectrum therapeutic application](https://www.sciencedirect.com/science/article/pii/B9780323910972000091) | | Reyaz Hassan Mir, Nazia Banday, Saba Sabreen, Abdul Jalil Shah, Rafia Jan, Taha Umair Wani, Saeema Farooq, Zulfiqar Ali Bhat | Studies in Natural Products Chemistry | 2022 |
|  | [Nigella sativa as a therapeutic candidate for arthritis and related disorders](https://www.sciencedirect.com/science/article/pii/B9780128244623000196) | | Reyaz Hassan Mir, Taha Umair Wani, Rafia Jan, Abdul Jalil Shah, Saba Sabreen, Prince Ahad Mir, Saiema Rasool, Mubashir H Masoodi, Zulfiqar A Bhat | Black seeds (Nigella sativa) | 2022 |
|  | [Plant-derived natural compounds for the treatment of amyotrophic lateral sclerosis: an update](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9199545/) | | Reyaz Hassan Mir, Abdul Jalil Shah, Saba Sabreen, Taha Umair Wani, Mubashir Hussain Masoodi, Esra Küpeli Akkol, Zulfiqar Ali Bhat, Haroon Khan | Current Neuropharmacology | 2022 |
|  | Coverage, utilization and impact of Ayushman Bharat Scheme on access to medicines in India | | Shafiqa R, **Geer MI** | Aushadh Sandesh | 2022 |
|  | Stakeholders in pharmaceutical policy development (Book Chapter) | | **Geer MI** | Book name, “Pharmacovigilance and Regulations” published by IntechOpen | 2022 |
|  | “Multiple-reaction monitoring (MRM) LC–MS/MS quantitation of venlafaxine and its O-desmethyl metabolite for a preclinical pharmacokinetic study in rabbits | | Abdul Aala Fazli, Nisar Ahmad Khan et al., | Scientific Reports | 2022 |
|  | Formulation and Pharmacokinetic Evaluation of Ethyl Cellulose/HPMC-Based Oral Expandable Sustained Release Dosage of Losartan Potassium | | Taha Umair Wani, Nisar Ahmad Khan, Faheem A Sheikh et al., | AAPS PharmSciTech | 2022 |
|  | Utilization of artificial intelligence in disease prevention: diagnosis, treatment, and implications for the healthcare workforce | | Shahid Ud Din Wani, Nisar Ahmad K, et al., | Healthcare | 2022 |
|  | [Phytochemical Profiling and Antibacterial Activity of Methanol Leaf Extract of *Skimmia anquetilia*](https://www.mdpi.com/2223-7747/11/13/1667) | | Masarat Nabi, **Mohammed Iqbal Zargar**, Nahida Tabassum, Bashir Ahmad Ganai, Shahid Ud Din Wani, Sultan Alshehri, Prawez Alam, Faiyaz Shakeel | Plants  (I.F 4.5) | 2022 |
|  | [Effect of nanoemulsion-loaded hybrid biopolymeric hydrogel beads on the release kinetics, antioxidant potential and antibacterial activity of encapsulated curcumin](https://www.sciencedirect.com/science/article/pii/S0308814621029319) | | Pawandeep Kour, Saima Afzal, Adil Gani, **Mohammed Iqbal Zargar**, Umar Nabi Tak, Showkat Rashid, Aijaz Ahmad Dar | Food Chemistry  (I.F 8.8) | 2022 |
|  | Evaluation of total flavonoid and phenolic amount, antioxidant, antimicrobial and cytotoxic potential of safoof-e-tabkheer, | | **M Iqbal Zargar** Nasrin Ansari | International Journal of Health Sciences, | 2022 |
|  | Silk Fibroin as an Efficient Biomaterial for Drug Delivery, Gene Therapy, and Wound Healing. | | Wani SUD, **Zargar M.I**, Masoodi MH, Alshehri S, Alam P, Ghoneim MM, Alshlowi A, Shivakumar HG, Ali M, Shakeel F | International Journal of Molecular Sciences.  (I.F 6.2) | 2022 |
|  | [A review on nanoparticles categorization, characterization and applications in drug delivery systems](https://www.sciencedirect.com/science/article/pii/S0924203122000741), | | Shahid Ud Din Wani, Mohammad Ali, Mubashir Hussain Masoodi, Nisar Ahmad Khan, **Mohammed Iqbal Zargar**, Reyaz Hassan, Suhail Ahmad Mir, Surya Prakash Gautam, HV Gangadharappa, Riyaz M Ali Osmani | Vibrational Spectroscopy  (I.F 2.5) | 2022 |
|  | GC-MS Analysis, Phytochemical Screening, and Antibacterial Activity of *Cerana indica* Propolis from Kashmir Region | | Mohiuddin I, Kumar TR, **Zargar MI**, Wani SUD, Mahdi WA, Alshehri S, Alam P, Shakeel F | Separations  (I.F 3.3) | 2022 |
|  | Arctium lappa: A Review on Its Phytochemistry and Pharmacology | | Suhail Ahmad Mir, L. A. Dar, T. Ali, O. Kareem, R. Rashid, N. A. Khan, I. A. Chashoo, G. N. Bader\*, | *Edible Plants in Health and Diseases Volume II* | **2022** |
|  | Positive Health Benefits of Saponins from Edible Legumes: Phytochemistry and Pharmacology | | Ozaifa Kareem, Tabasum Ali, Lateef Ahmad Dar, Suhail Ahmad Mir, Rumaisa Rashid, Naqshab Nazli, Tawseef Gulzar, and G. N. Bader | *Edible Plants in Health and Diseases Volume II* | **2022** |
|  | Obstructive sleep apnoea and metabolic syndrome, Sleep and vigilance | | Ozaifa Kareem, Masood Tanveer, G.N. Bader | *Sleep and vigilance, Springer-Nature* | **2022** |
|  | Polycysticovariansyndrome-CurrentPharmacotherapyand clinical implications | | Rumaisa Rashid, Suhail Ahmad Mir, Ozaifa Kareem, Tabasum Ali, Rifat Ara, AnjumMalik,FizaAmin,andGNBader | *Taiwanese Journal of Obstetrics and Gynecology* | **2022** |
|  | Role of Nanotechnology in Overcoming the Multidrug Resistance in Cancer Therapy: A Review. | | Suhail Ahmad Mir, Hamid L, Bader GN, Shoaib A, Rahamathulla M, Alshahrani MY, Alam P, Shakeel | Molecules | **2022** |
|  | Evaluation of the Safety and Efficacy of Ormeloxifene, a Selective Estrogen Receptor Modulator and Medroxyprogesterone Acetate in Women with Non-Structural Abnormal Uterine Bleeding: A Randomized Clinical Trial | | Suhail Ahmad Mir, Ara R, Amin F, Malik A, Hamid L, Ali T, Bader GN, Wani SU, Almuqbil M, Alshehri S, Alshehri AM | *Medicina* | **2022** |
| **List of Publications-2023** | | | | | |
|  | **Thrombophilia and Its Markers: A Comprehensive Insight** | | Humira Jeelani, Qudsia Fatima, Shuja Abass, Khalid Bashir Dar, Muzamil Farooq, **Nahida Tabasum**, Fouzia Rashid. | Toxicology and Human Health.Springer, Singapore. | 2023 |
|  | **An updated review on phytochemistry and molecular targets of *Withania somnifera (L.) Dunal (Ashwagandha)*,** | | Arsalan Bashir, Masarat Nabi, Nahida Tabassum, Suhaib Afzal, Mehrose Ayoub. | Frontiers in Pharmacology, Frontiers Media S.A. | 2023 |
|  | Metal complexes of xanthine and its derivatives: Synthesis and biological activity | | Mohammad Ovais Dar, Reyaz Hassan Mir, Roohi Mohiuddin, **Mubashir H. Masoodi,** Firdoos Ahmad Sofi | Journal of Inorganic Biochemistry  *(IF-4.3)* | **2023** |
|  | Synthetic and Natural Bioactive Molecules in Balancing the Crosstalk among Common Signaling Pathways in Alzheimer’s Disease: Understanding the Neurotoxic Mechanisms for Therapeutic Intervention | | Abdul Jalil Shah, Prince Ahad Mir, Mohd Adnan, Mitesh Patel, MudasirMaqbool, Reyaz Hassan Mir, and **Mubashir Hussain Masoodi\*** | ACS Omega  International  *(IF-4.1)* | **2023** |
|  | A review on chitosan and alginate-based microcapsules: Mechanism and applications in drug delivery systems | | ShahidUdWani, Mohammad Al,Seema Mehdi, **Mubashir Hussain Masoodi,**  Mohammed Iqbal Zargar, | Journal of Biological Macromolecules  *(IF-8.0)* | **2023** |
|  | Copper (I) Catalysed Tandem C−C and C−N Bond Cleavage of N-Fused Imidazoles towards the Synthesis of N-pyridinylamides | | Dr. Firdoos Ahmad Sofi\*, Prof. **Mubashir H. Masoodi\*,** Mohammad Ovais Dar, Prof. Prasad V. Bharatam | Chemistry – A European Journal  *(IF-5.2)* | **2023** |
|  | Nanogel-based Transdermal Drug Delivery System: A Therapeutic Strategy with Under Discussed Potential | | Lubna Tariq, AzherArafah, Shafat Ali, Saba Beigh, Mashooq Ahmad Dar, Tanvirul Hassan Dar, Aqib Iqbal Dar, Rana M. Alsaffar, **Mubashir Hussain Masoodi** and Muneeb U. Rehman\* | Current Topics in Medicinal Chemistry  *(IF-3.5)* | **2023** |
|  | In vitro Potent Anticancer, antifungal,and anti oxidant efficacy of Walnut( Juglans regia) genotypes | | Sabeeha Shafi *et al.* | *MDPI J*ournal-Agromony,**13**(5): 1 -19 {ISSN: 13051232} Impact Factor = 3.7 | 2023 |
|  | [Physicochemical characterization, phytochemical analysis, and pharmacological evaluation of Sambucus wightiana](https://www.sciencedirect.com/science/article/pii/S1878535223006329) | | Ishtiaq Ahmad Chashoo, Shahid Ud Din Wani, Weekar Younus Raja, Zulfiqar Ali Bhat, | Arabian Journal of Chemistry | 2023 |
|  | [Quantification of total phenolic, flavonoid content and HPTLC fingerprinting of Senecio laetus](https://www.rifanalitica.it/index.php/journal/article/view/411) | | Nazia Banday, ZA Bhat, Abdul Jalil Shah, Saba Sabreen | Rivista Italiana di Filosofia Analitica Junior | 2023 |
|  | [Pharmacognostical Standardization, Phytochemical Analysis And Antioxidant And Antidepressant Potency Of Iris Germanica L](https://www.jptcp.com/index.php/jptcp/article/view/2350) | | Saeema Farooq, Prince Ahad Mir Prince Ahad, Reyaz Hassan Mir, Nimita Manocha, Nishant Kumar, Zulfiqar Ali Bhat | Journal of Population Therapeutics and Clinical Pharmacology | 2023 |
|  | [Pharmacognostic Standardization, Heavy Metal Analysis and Antioxidant Potential of Iris kashmiriana Baker Rhizome](https://www.phcogres.com/article/2023/16/1/105530pres16115) | | Saeema Farooq, Prince Ahad Mir, Reyaz Hassan Mir, Nishant Kumar, Zulfiqar Ali Bhat | Pharmacognosy Research | 2023 |
|  | Pre-polycystic ovary syndrome and polymenorrhoea as a new facet of polycystic ovary syndrome (PCOS): Evidence from a single centre dataset. | | Ganie MA, Rashid A, Baba MS, Zargar MA, Wani IA, Douhath S, Sriwastava M, **Geer MI** | Clinical Endocrinology | 2023 |
|  | Communicating for the Safe Use of Medicines: Progress and Directions for the 2020s Promoted by the Special Interest Group of the International Society of Pharmacovigilance | | Bahri P, Bowring G, Edwards BD, Anton C, Aronson JK, **Geer MI** | Drug Safety | 2023 |
|  | Connecting Pharmacists and Other Health Care Providers (HCPs) towards Drug Therapy Optimization: A Pharmaceutical Care Approach | | Mir JI, **Geer MI**, Assiri AA | International Journal of Clinical Practice | 2023 |
|  | Super disintegrating oromucosal nanofiber patch of zolmitriptan for rapid delivery and efficient brain targeting | | Hasham Sofi, Rumaisa Rashid, Sami-ullah Rather, DV Siva Reddy, Lubna Azmi, Abdalla Abdal-hay, Salman H Alrokayan, Haseeb A Khan, Nisar Ahmad Khan, Faheem A Sheikh | Chemical Engineering Journal | **2023** |
|  | Validation and development of RP-HPLC method for quantification of glibenclamide in rat plasma and its application to pharmacokinetic studies in wistar rats” | | Mir K B, Abrol V, Wani TU, Singh N, Khan N A, Dar A A, Sabri Sultan, R M, Lone S A, IESA M A M, Alhag SK, Al-Shuraym L A, Helm N, AL-Farga | Heliyon | **2023** |
|  | Simultaneous quantification of losartan potassium and its active metabolite EXP3174, in rabbit plasma by validated HPLC–PDA | | Taha U. Wani, and Nisar A. Khan, Taseen A. Wani, Javid A. Sofi, G. I. Hassan, Hesham S. Almoallim, Sulaiman Ali Alharbi, Mohammad Javed Ansari, Saleh Alfarraj, Mohammed Tarique, Showket A. Dar | Biomedical Chromatography | **2023** |
|  | A review on chitosan and alginate-based microcapsules: Mechanism and applications in drug delivery systems | | Shahid Ud Din Wani, Mohammad Ali, Seema Mehdi, Mubashir Hussain Masoodi, **Mohammed Iqbal Zargar**, Faiyaz Shakeel | International Journal of Biological Macromolecules  (I.F 8.2) | 2023 |
|  | [Luminescent and self-healing hybrid ionotropic hydrogel beads of ammonium metavanadate and chitosan: promising biomaterial as an antimicrobial agent, efficient dye adsorbent …](https://pubs.rsc.org/en/content/articlehtml/2003/05/d2sm01639g) | | Arjumund Shaheen, **Mohammed Iqbal Zargar**, Aijaz Ahmad Dar | Soft Matter  (I.F 3.4) | 2023 |
|  | [*Bergenia stracheyi* extract-based hybrid hydrogels of biocompatible polymers with good adhesive, stretching, swelling, self-healing, antibacterial, and antioxidant properties](https://www.sciencedirect.com/science/article/pii/S0141813023006116) | | Umar Nabi Tak, Showkat Rashid, Pawandeep Kour, Nighat Nazir, **Mohammed Iqbal Zargar**, Aijaz Ahmad Dar | International Journal of Biological Macromolecules  (I.F 8.2) | 2023 |
|  | [Recent advance of herbal medicines in cancer-a molecular approach](https://www.cell.com/heliyon/pdf/S2405-8440(23)00891-5.pdf), | | Mohammad Ali, Shahid Ud Din Wani, Md Salahuddin, Manjula Sn, K Mruthunjaya, Tathagata Dey, **Mohammed Iqbal Zargar**, Jagadeesh Singh, | Heliyon  (I.F 4.0) | 2023 |
|  | Prevalence of Thiamine Deficiency in Pregnancy and its impact on fetal outcome in an area endemic for thiamine deficiency | | Ozaifa Kareem, Samiya Mufti, Masood Tanveer, Sobia Nisar and **GN Bader\*** | *PLOS Neglected Tropical Diseases* | **2023** |
|  | Thiamine deficiency in pregnancy and lactation: implications and present perspectives | | Kareem O, Nisar S, Tanvir M, Muzaffer U and **Bader GN\*** | *Frontiers in nutrition* | **2023** |
|  | Naringenin improves ovarian health by reducing the serum androgen and eliminating follicular cysts in letrozole‐induced polycystic ovary syndrome in the Sprague Dawley rats | | Rashid R, Tripathi R, Singh A, Sarkar S, Kawale A, **Bader GN,** Gupta S, Gupta RK, Jha RK | *Phytotherapy Research* | **2023** |
|  | An Insight into the Global Problem of Gastrointestinal Helminth Infections amongst Livestock: Does Nanotechnology Provide an Alternative? | | Laraibah Hamid, Abdulrhman Alsayari, Hidayatullah Tak, Suhail Ahmad Mir, Mohammad Ali Abdullah Almoyad, Shadma Wahab and **Ghulam Nabi Bader\*,** | *Agriculture* | **2023** |
|  | Exploring the mTOR signalling pathway and its inhibitory scope in cancer | | Suhail Ahmad Mir, Dar A, Alshehri SA, Wahab S, Hamid L, Almoyad MA, Ali T, **Bader GN** | *Pharmaceuticals* | **2023** |
|  | Recent Advances in the Pharmacological Properties and Molecular Mechanisms of Carvacrol | | Ali, T., Majeed, S.T., Majeed, G N Bader. *et al* | *Rev. Bras. Farmacogn* | **2023** |
| **List of Publications-2024** | | | | | |
|  | Phytochemical profiling, antioxidant, cytotoxic, and anti-inflammatory activities of *Plectranthusrugosus* extract and fractions: in vitro, in vivo, and in silico approaches | | Reyaz Hassan Mir , Roohi Mohi‑ud‑din, Lamya Ahmed Al‑Keridis, Bilal Ahmad, Nawaf Alshammari, Mitesh Patel, Mohd Adnan, Mubashir Hussain Masoodi | Inflammopharmacology.  *(IF-5.8)* | **2024** |
|  | [Development of Pharmacognostic Standardization Parameters for the Quality control of Aerial parts of *Senecio laetus* in accordance to WHO Guidelines](https://rjptonline.org/AbstractView.aspx?PID=2024-17-1-7) | | Nazia Banday, ZA Bhat | Research Journal of Pharmacy and Technology | 2024 |
|  | Inter-relationship between polycystic ovary syndrome and metabolic syndrome (Book Chapter) | | Mohd Ashraf Ganie, Abid Rasool, Tajali Sahar and **Mohammad Ishaq Geer** | Book name, “Metabolic Syndrome – From mechanisms to interventions” Edited by Satinath Mukhopadhyay and Sunetra Mondal, Elsevier Academic Press | 2024 |
|  | Optimizing the fabrication of electrospun nanofibers of prochlorperazine for enhanced dissolution and permeation properties | | Hasham Sofi, Rumaisa Rashid, Nisar Ahmad Khan, Faheem A Sheikh et al. | Biomaterials Advances | 2024 |
|  | An insight into the Design, Development, and Assessment of Fast Dissolving Oral Films | | Razia Rehman Nisar Ahmad Khan et al., | Current Drug Delivery | 2024 |
|  | Deciphering the chemical constituents and antimicrobial activity of *Prangos pabularia* Lindl. using LC-MS/MS in combination with experimental evaluation and computational studies | | Aadil Yaseen, Bashir A. Sheikh, Basharat A. Bhat, Saima Hamid, Malik A. Waseem, **Mohammed Iqbal Zargar**, Manzoor A. Mir & Wajaht A. Shah | Natural Product Research  (I.F 2.2) | 2024 |
|  | [In-vitro evaluation of *Indigofera heterantha* extracts for antibacterial, antifungal and anthelmintic activities](https://link.springer.com/article/10.1186/s40780-024-00328-y) | | Showkat Ahmad Bhat, **Mohammed Iqbal Zargar**, Shahid Ud Din Wani, Ishfaq Mohiuddin, Mubashir Hussain Masoodi, Faiyaz Shakeel, Mohammad Ali, Seema Mehdi | Journal of Pharmaceutical Health Care and Sciences  (I.F 1.17) | 2024 |
|  | Flavonoids as promising molecules in the cancer therapy: An insight | | Suhail Ahmad Mir, Ashraf Dar, Laraibah Hamid, Nasir Nisar, Jonaid Ahmad Malik, Tabasum Ali, **Ghulam Nabi Bader** | *Current Research in Pharmacology and Drug Discovery* | **2024** |
|  | Optimizing the fabrication of electrospun nanofibers of prochlorperazine for enhanced dissolution and permeation properties | | Hasham Shafi, D.V. Siva Reddy, Rumaisa Rashid, Trisha Roy, Shabnam Kawoosa, **G.N. Bader,** Chakradhar JVUS, Abdalla Abdal-hay, Mushtaq A. Beigh, Shafquat Majeed, Nisar Ahmad Khan, Faheem A. Sheikh | *Biomaterials Advances* | **2024** |
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