

Muhammad Qasim Hayat

Professor

Atta-Ur-Rahman School of Applied Biosciences

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LinkedIn:



About

Dr. Muhammad Qasim Hayat is working as Professor in the Atta-Ur-Rahman School of Applied Biosciences. Dr. Muhammad Qasim Hayat has a PhD in Molecular Phylogenetics/Plant Systematics/Medicinal Plants. Dr. Muhammad Qasim Hayat has published 83 research articles & conference papers having a citation count of 1762, carried out 2 projects and filed 3 intellectual property.

Qualifications

PhD in Molecular Phylogenetics/Plant Systematics/Medicinal Plants Quaid-i-Azam University , Pakistan	2006 - 2011
MSc in Biology Arid Agriculture University , Pakistan	2003 - 2005
D.A.E in Information Technology PBTE, Lahore , Pakistan	2002 - 2004
BSc in Botany, Zoology, Chemistry University of the Punjab , Pakistan	2000 - 2003
F.Sc in Pre Medical FBISE, Islamabad , Pakistan	1998 - 2002
Matric (SSC) in Science FBISE, Islamabad , Pakistan	1996 - 1998

Experience

Professor Atta-Ur-Rahman School of Applied Biosciences	2022- Present
Associate Professor Atta-Ur-Rahman School of Applied Biosciences	2017 - 2022
Assistant Professor Atta-Ur-Rahman School of Applied Biosciences	2015 - 2017
Assistant Professor Atta-Ur-Rahman School of Applied Biosciences	2012 - 2015
Assistant Professor Atta-Ur-Rahman School of Applied Biosciences	2012 - 2012
Assistant Professor Atta-Ur-Rahman School of Applied Biosciences	2011 - 2012

Awards

Excellent Scholar Award The Excellent Scholar Award supports scientists, who have conducted high quality research in Plant Sciences and selected for oral presentations in the XIX International Botanical Congress 2017.	2017
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Research Projects

National Projects

SuchAQuality	2020
Funding Agency: European Union	
Amount: PKR 9,190,000.00	
Status: Approved_inprocess	
Biography and Phyloheny of Western Himaliyan Cyperaceae	2016
Funding Agency: HEC	
Amount: PKR 2,592,000.00	
Status: Completed	

International Projects

Research Articles

Rapid and cost-effective colorimetric detection of alkaloids in botanical extracts using a novel protocol with compressed tablets	2025
Atteqa Safdar Sara Iftikhar Mouguissou Karim Rashid Khan Muhammad Qasim Hayat Tayyaba Afsar Ali Almajwal Houda Amor Suhail Razak	
Scientific Reports , Volume:15, Issue:1, Article Number: 26332	
Impact Factor: 3.900 Quartile: 1	
DOI: https://doi.org/10.1038/s41598-025-11907-w	
Combined pharmacological and computational approaches unraveling the protective effects of Cassia angustifolia extract against NANO2 - induced neurodegeneration and hepatotoxicity	2025
Muhammad Yaseen Aisha Naveed Muhammad Qasim Hayat Saadia Zahid Junaid Arshad Mubarra Tahir Mashooq Ahmad Bhat Shabina Ishtiaq Ahmed Humaira Ismatullah Qaisar Mansoor	
Food Bioscience , Volume 63, Article Number 105645	
Impact Factor: 4.800 Quartile: 1	
DOI: 10.1016/j.fbio.2024.105645	
Exploring Noncentrifugal Sugar as a Partial Replacement for White Sugar in Low Methoxyl Pectin Confectionery Gels: Impacts on Physical and Rheological PropertiesArticle link copied!	2024
Muhammad Qasim Hayat Hussnain Ahmed Janjua Hafiz Imran Fakhar Elif Cavdaroglu Mecit Halil Oztop	
ACS Food Science & Technology , Vol:4, Issue:12, Pages:3036-3046,	
Impact Factor: 2.6 Quartile: 2 Citations: 1	
DOI: https://doi.org/10.1021/acsfoodscitech.4c00603	
Spirulina and chlorela derived hard candies as functional food	2024
Shafia Maryam Mecit Halil Oztop Sarper Doğdu Mehmet Ali Marangoz Muhammad Qasim Hayat Ramish Riaz Muhammad Waqas Alam Chattha Hussnain Ahmed Janjua Zeshan Zeshan	
Journal of Functional Foods , Volume 123, Article Number 106565	
Impact Factor: 3.800 Quartile: 2	
DOI: https://doi.org/10.1016/j.jff.2024.106565	
Spirulina and chlorella derived hard candies as functional food	2024
Shafia Maryam Mecit Halil Oztop Sarper Doğdu Mehmet Ali Marangoz Zeshan Zeshan Muhammad Qasim Hayat Ramish Riaz Muhammad Waqas Alam Chattha Hussnain Ahmed Janjua	
Journal of Functional Foods , Volume 123, Article Number 106565	
Impact Factor: 3.800 Quartile: 2 Citations: 1	
DOI: https://doi.org/10.1016/j.jff.2024.106565	
Phytochemical, Cytoprotective Profiling, and Anti-Inflammatory Potential of Colchicum luteum in Rheumatoid Arthritis: An Experimental and Simulation Study	2024
Huda Abbasi Maria Sharif Peter John Attiya Bhatti Muhammad Qasim Hayat Qaisar Mansoor	
Nutrients , Volume 16(23), Article Number 4020	
Impact Factor: 4.800 Quartile: 1 Citations: 1	
DOI: https://doi.org/10.3390/nu16234020	
Determining sugar andmolasses origin by non-exchangeable hydrogen stable isotope of ethanol and carbon isotope ratio mass spectrometry	2024
Hafiz Imran Fakhar Muhammad Qasim Hayat Macarena Rojas-Rioseco Ivan Smajlovic Margarita Smajlovic Stevan Grkavac Mecit Halil Oztop Rosario del P. Castillo	
Food Frontiers , Volume: 05, Issue: 04, Pages 1709-1721	

Impact Factor: 7.4 Quartile: 1 Citations: 4 DOI: 10.1002/fft2.418	
Next-generation sequencing based <i>Cyperus niveus</i> (Cyperaceae) complete chloroplast genome: A comparative analysis and phylogeny <i>Muhammad Qasim Hayat Muhammad Shahbaz Hafiz Imran Fakhar Iqra Shah Ibrar Ahmad</i> <i>Korean Journal of Plant Taxonomy</i> , Volume 54, Issue 2, Pages 99-109 Impact Factor: 0.800 Quartile: 4 DOI: https://doi.org/10.11110/kjpt.2024.54.2.99	2024
The complete mitochondrial genome of <i>Penicillium expansum</i>: Insights into the fungal evolution and phylogeny <i>Mahnoor Malik Fatima Malik Tehsin Fatma Muhammad Qasim Hayat Atif Jamal Alvina Gul Muhammad Faraz Bhatti</i> <i>Gene</i> , Volume 910, Article Number 148315 Impact Factor: 3.5 Quartile: 2 Citations: 2 DOI: 10.1016/j.gene.2024.148315	2024
Universal 1H Spin–Lattice NMR Relaxation Features of Sugar—A Step towards Quality Markers <i>Hafiz Imran Fakhar Muhammad Qasim Hayat Hussnain Ahmed Janjua Adam Kasperek Karol Kolodziejewski Leonid Grunin Mecit Halil Öztop Danuta Kruk</i> <i>Molecules</i> , Volume 29(11), Article Number 2422 Impact Factor: 4.2 Quartile: 2 Citations: 1 DOI: https://doi.org/10.3390/molecules29112422	2024
Micromorphological study of glume diversity of cyperaceae in Western Himalayan Region of Pakistan <i>Iqra Shah Hafiz Imran Fakhar Muhammad Qasim Hayat Muhammad Shahbaz Madeeha Khan Beenish Anjum Kaleem Ullah Affan Ahmed Umme Laila Saleem Haider Ammar Ashar Ijaz ul haq Jasia Farooq</i> <i>Chelonian Conservation And Biology</i> , Volume 19(01), Pages 126-139 Impact Factor: 0.900 Quartile: 3 DOI: doi.org/10.18011/2024.01(1).126.139	2024
Comparative taxonomy and evolutionary significance of foliar epidermis in <i>Jasminum L.</i> (Oleaceae) based on light and scanning electron microscopy <i>Muhammad Qasim Hayat Naeem Akhtar Umer Habib Muhammad A. Khan Saad I. Malik Hina Hafeez Adil Hussain Azhar Hussain Daniel Potter</i> <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , Volume 310, Article Number 152419 Impact Factor: 1.700 Quartile: 2 Citations: 3 DOI: https://doi.org/10.1016/j.flora.2023.152419	2024
Characterization of <i>Salvadora persica</i> and <i>Salvadora oleoides</i> Extracts Against Multidrug Resistant Bacterial Strains <i>Muhammad Saeed Aneela Javed Muhammad Qasim Hayat Sadia Anjum Madiha Khalid</i> <i>Phytopharmacological Communications</i> , Volume 3(01), Pages 17-26 Impact Factor: N/A DOI: 10.55627/ppc.003.001.0279	2023
Plants used against liver disorders by autochthonous practitioners of Multan, Pakistan <i>Samreen Ahtar Muhammad Qasim Hayat Salma Saleem Munaza Naseem Naila Abbas Shazia Jabeen</i> <i>Heliyon</i> , Volume 9, Issue 3, Article Number e14068 Impact Factor: 3.776 Quartile: 2 Citations: 2 DOI: https://doi.org/10.1016/j.heliyon.2023.e14068	2023
Comparative Study of Antioxidant Activities of Selected Medicinal Plants of Shujabad Area in Multan, Pakistan <i>Salma Ghaffar Shazia Jabeen Tahir Mehmood Muhammad Qasim Hayat Mudassir Iqbal</i> <i>Free Radicals and Antioxidants</i> , Volume 11(2), Article Number 46-51 Impact Factor: N/A DOI: 10.5530/fra.2021.2.11	2021
Comparative palynology and taxonomic implication of <i>Jasminum L.</i> (Oleaceae) species from Pakistan on the bases of scanning electron microscopy <i>Muhammad Qasim Hayat Naeem Akhtar Ishfaq Ahmed Hafiz Nadeem Akhtar Abbas Saad Imran Malik Umer Habib Adil Hussain Daniel Potter</i> <i>Microscopy Research and Technique</i> , Volume 84, Issue10, Pages 2325-2336 Impact Factor: 2.769 Quartile: 1 Citations: 5 DOI: 10.1002/jemt.23787	2021
A framework infrageneric classification of <i>Carex</i>(Cyperaceae) and its organizing principles <i>MUHAMMAD QASIM HAYAT Eric H. Roalson Pedro Jiménez-Mejías Andrew L. Hipp Carmen Benítez-Benítez Leo P. Bruederle Kyong-Sook Chung Marcial</i>	2021

Escudero Bruce A. Ford Kerry Ford Sebastian Gebauer Berit Gehrke Xiao-Feng Jin Sangtae Kim Isabel Larridon Étienne Léveillé-Bourre Yi-Fei Lu Modesto Luceño Robert F. C. Nacz Anton A. Reznicek Daniel Spalink Julian R. Starr Tamara Villaverde Marcia J. Waterway Karen L. Wilson Shu-Ren Zhang Mathias H. Hoffmann Enrique Maguilla Jose Ignacio Márquez-Corro Santiago Martín-Bravo Tomomi Masaki Mónica Míguez Uzma Marlene Hahn
Journal of Systematics and Evolution, Volume 59, Issue 4, Pages 726-762

Impact Factor: 4.098 | **Quartile:** 1 | **Citations:** 88

DOI: <https://doi.org/10.1111/jse.12722>

ISSR-Based Genetic Diversity Assessment of Genus *Jasminum* L.(Oleaceae) from Pakistan

2021

Muhammad Qasim Hayat Naeem Akhtar Ishfaq Ahmad Hafiz Daniel Potter Nadeem Akhtar Abbasi Umer Habib Saad Imran Malik Adil Hussain Hina Hafeez Muhammad Ajmal Bashir

Plants, Volume 10(7), Article Number 1270

Impact Factor: 3.935 | **Quartile:** 1 | **Citations:** 14

DOI: [10.3390/plants10071270](https://doi.org/10.3390/plants10071270)

Evaluating the cleavage efficacy of CRISPR-Cas9 sgRNAs targeting ineffective regions of *Arabidopsis thaliana* genome

2021

Afshin Malik Alvina Gul Faiza Munir Rabia Amir Hadi Alipour Mustafeez Mujtaba Babar Syeda Marriam Bakhtiar Rehan Zafar Paracha Zoya Khalid Muhammad Qasim Hayat

PeerJ, Volume 9, Article Number e11409

Impact Factor: 3.061 | **Quartile:** 2 | **Citations:** 8

DOI: <https://doi.org/10.7717/peerj.11409>

Artemisia chamaemelifolia Vill: a rare species of genus *Artemisia* (Asteraceae-Anthemideae) now present in the northeast (Gilgit-Baltistan) region of Pakistan

2021

Adil Hussain Syed Ali Imran Bokhari Muhammad Qasim Hayat

Biologia, Pages 1-8

Impact Factor: 1.653 | **Quartile:** 3 | **Citations:** 7

DOI: [Biologia https://doi.org/10.2478/s11756-020-00610-y](https://doi.org/10.2478/s11756-020-00610-y)

Classification and Computational Analysis of *Arabidopsis thaliana* Sperm Cell-Specific F-Box Protein Gene 3p.AtFBP113

2020

Afshin Malik Alvina Gul Rabia Amir Faiza Munir Mustafeez Mujtaba Babar Syeda Marriam Bakhtiar Muhammad Qasim Hayat Rehan Zafar Paracha Zoya Khalid Hadi Alipour

Frontiers in Genetics, Volume 11, Article Number 609668

Impact Factor: 4.599 | **Quartile:** 2 | **Citations:** 2

DOI: [doi: 10.3389/fgene.2020.609668](https://doi.org/10.3389/fgene.2020.609668)

Some Important Species of the Genus *Artemisia* L. (Asteraceae) From Northeastern (Gilgit-Baltistan) Pakistan and Their Folk Medicinal Uses

2020

Adil Hussain Muhammad Qasim Hayat Syed Ali Imran Bokhari

Proceedings of the Pakistan Academy of Sciences: B. Life and Environmental Sciences, Volume 57(2), Pages 35-48

Impact Factor: -

DOI: [B. Life and Environmental Sciences 57 \(2\): 35-48 \(2020\)](https://doi.org/10.3389/fgene.2020.609668)

New Distribution Report on the Alien Species *Artemisia verlotiorum* Lamotte (Asteraceae-Anthemideae) from Gilgit-Baltistan Region of Pakistan

2020

Muhammad Qasim Hayat Adil Hussain Syed Ali Imran Bokhari

Pakistan Journal of Weed Science Research, Volume 26(2), Pages 167-178

Impact Factor: 0

DOI: doi.org/10.28941/pjwsr.v26i2.826

Exploration of the Phytochemicals, Antimicrobial and Antioxidant Activities of *Plantago ovata* (Ispaghul)

2020

Muhammad Qasim Hayat Abdul Jabbar Syed Ali Imran Bokhari Muhammad Talha Yasin Khurshid Ahmad Rashid Abdulla Nazif Qazi Imrana Niaz Sultan Kinza Amanat

Indo American Journal of Pharmaceutical Sciences, Volume 7(4), Pages 440-447

Impact Factor: 0

DOI: [10.5281/zenodo.3749294](https://doi.org/10.5281/zenodo.3749294)

Pollen morphology and its systematic implication on some species of *Artemisia* L. from Gilgit-Baltistan Pakistan

2019

Adil Hussain Muhammad Qasim Hayat Daniel Potter Sumaira Sahreen Syed Ali Imran Bokhari

Bangladesh Journal of Plant Taxonomy, Volume 26(2), Pages 157-168

Impact Factor: 0.527 | **Quartile:** 4

DOI: [10.3329/bjpt.v26i2.44576](https://doi.org/10.3329/bjpt.v26i2.44576)

Diversity Profile of Protists Flagellates Isolated from Hindgut of Heterotermes Indicola Wasmann (Blattodea: Rhinotermitidae) in Pakistan <i>Asma Ashraf Naveeda Akhtar Qureshi Muhammad Haseeb Muhammad Afzal Saeed-ul-Hassan Khan Muhammad Qasim Hayat</i> <i>Pakistan Journal of Agricultural Sciences</i> , Vol.56(4), Pages 943-951 Impact Factor: 0.663 Quartile: 3 DOI: 10.21162/PAKJAS/19.3948	2019
Tomorou Attenuates Progression of Rheumatoid Arthritis through Alteration in ULK-1 Independent Autophagy Pathway in Collagen Induced Arthritis Mice Model <i>Arooma Jannat Peter John Attiya Bhatti Muhammad Qasim Hayat</i> <i>Cell Death Discovery</i> , Volume 5, Article Number: 142, Pages 1-13 Impact Factor: 0 Citations: 14 DOI: DOI: 10.1038/s41420-019-0222-2	2019
Chloroplast Genome Sequence of Artemisia scoparia: Comparative Analyses and Screening of Mutational Hotspots <i>Shabina Iram Muhammad Qasim Hayat Abdullah Ibrar Ahmed Shabina Iram Muhammad Tahir Alvina Gul Kazi Abdullah Ibrar Ahmed</i> <i>Plants</i> , Vol.8(11), Article Number 476 Impact Factor: 2.762 Quartile: 1 Citations: 50 DOI: https://doi.org/10.3390/plants8110476	2019
Molecular phylogeny of Artemisia (Asteraceae-Anthemideae) with emphasis on undescribed taxa from Gilgit-Baltistan (Pakistan) based on nrDNA (ITS and ETS) and cpDNA (psbA-trnH) sequences <i>Adil Hussain Daniel Potter Sangtae Kim Syed A.I. Bokhari Adil Hussain Daniel Potter Sangtae Kim Muhammad Qasim Hayat Syed A.I. Bokhari</i> <i>Plant Ecology and Evolution</i> , Volume 152, Number 3, Pages 507-520 Impact Factor: 1.119 Quartile: 3 Citations: 29 DOI: DOI: https://doi.org/10.5091/plecevo.2019.1583	2019
Formulation of active packaging system using Artemisia scoparia for enhancing shelf life of fresh fruits <i>Javaria Hanif Nauman Khalid Rao Sanaullah Khan Muhammad Faraz Bhatti Mohammad Qasim Hayat Muhammad Ismail Saadia Andleeb Qaiser Mansoor</i> <i>Faria Khan Fahim Ameen Rumeza Hanif Muhammad Uzair Hashmi Hussnain Ahmed Janjua</i> <i>Materials Science and Engineering C</i> , Volume 100, Pages 82-93 Impact Factor: 5.880 Quartile: 1 Citations: 20 DOI: https://doi.org/10.1016/j.msec.2019.02.101	2019
Timing and ecological priority shaped the diversification of sedges in the Himalayas <i>Uzma Pedro Jiménez-Mejías Andrew L. Hipp Rabia Amir Muhammad Qasim Hayat</i> <i>PeerJ</i> , Volume: 7 Article Number: e6792 Impact Factor: 2.379 Quartile: 2 Citations: 8 DOI: 10.7717/peerj.6792	2019
Heavy metal stress and responses in plants <i>Noor Ul Huda Ghori T. Ghori Muhammad Qasim Hayat S. R. Imadi Alvina Gul V. Altay M. Oztuzk</i> <i>International Journal of Environmental Science and Technology</i> , Volume 16, Issue 3, Pages 1807-1828 Impact Factor: 2.540 Quartile: 2 Citations: 705 DOI: 10.1007/s13762-019-02215-8	2019
Carbon-dot wrapped ZnO nanoparticle-based photoelectrochemical sensor for selective monitoring of H2O2 released from cancer cells <i>Faria Khan Naeem Akhtar Nasir Jalal Irshad Hussain Rafal Szmigielski Muhammad Qasim Hayat Hafiz B. Ahmad Waleed A. El-Said Minghui Yang Hussnain</i> <i>Ahmed Janjua</i> <i>Microchimica Acta</i> , Volume 186, Issue 2 Impact Factor: 6.232 Quartile: 1 Citations: 46 DOI: 10.1007/s00604-019-3227-x	2019
Cladistics of Western Himalayan Artemisia L. (Anthemideae, Asteraceae) reconstructed on morphological traits <i>Sadia Malik Muhammad Qasim Hayat</i> <i>International Journal of Biosciences</i> , Volume 14, Article 1, Page 251-262 Impact Factor: 0 DOI: http://dx.doi.org/10.12692/ijb/14.1.251-262	2019
Pattern of Diversity among Pistillate Scales of the Western Himalayan Carex spp. (Cyperaceae): Micromorphological and Molecular Inferences	2019

- Uzma Betty Strack Zahid Ullah Andrew L. Hipp Rabia Amir Muhammad Qasim Hayat*
International Journal of Agriculture and Biology, Volume 21, Issue 3, Pages 659-666
Impact Factor: 0.822 | **Quartile:** 3 | **Citations:** 1
DOI: 10.17957/IJAB/15.0942
- Unveiling the Foliar Epidermal Anatomical Characteristics of Genus *Artemisia* (Asteraceae) from Northeast (Gilgit-Baltistan), Pakistan** 2019
Adil Hussain Muhammad Qasim Hayat Sumaira Sahreen Syed Ali Imran Bokhari
International Journal of Agriculture and Biology, Volume 21, Issue 3, Pages 630-638
Impact Factor: 0.822 | **Quartile:** 3 | **Citations:** 24
DOI: 10.17957/IJAB/15.0938
- Biological and phytochemical studies on *Capparis decidua* (Forssk) Edgew from Cholistan desert** 2018
Shazia Anjum Muhammad Asif Kashaf Zia Bakhat Jahan Muhammad Ashraf Shafqat Hussain Muhammad Qasim Hayat Muhammad Raza Shah Muhammad Nawaz Tahir
NATURAL PRODUCT RESEARCH, -
Impact Factor: 1.999 | **Quartile:** 2 | **Citations:** 12
DOI: 10.1080/14786419.2018.1531403
- 5-HT_{1A} Receptor Function Makes Wound Healing a Happier Process** 2018
Alia Sadiq Isabella Menchetti Ahmed Shah Marc G. Jeschke Cassandra Belo Wendolyn Carlos-Alcalde Muhammad Qasim Hayat Saeid Amini-Nik
Frontiers in Pharmacology, Volume 9, Article Number 1406
Impact Factor: 3.845 | **Quartile:** 1 | **Citations:** 22
DOI: 10.3389/fphar.2018.01406
- The Role of Serotonin during Skin Healing in Post-Thermal Injury** 2018
Ahmed Shah Marc G. Jeschke Cassandra Belo Saeid Amini-Nik Muhammad Qasim Hayat Sheeba Murad Alia Sadiq
International Journal of Molecular Sciences, -
Impact Factor: 4.183 | **Quartile:** 2 | **Citations:** 59
DOI: 10.3390/ijms19041034
- ROLE OF SEROTONIN THROUGH 5HT_{1A} AND 2A RECEPTORS DURING SKIN HEALING IN POST-THERMAL INJURY** 2018
Alia Sadiq Ahmed Shah Marc G. Jeschke Cassandra Belo Muhammad Qasim Hayat Sheeba Murad Saeid Amini-Nik
Wound Repair and Regeneration, Volume 24, Issue 2, Pages A1–A34
Impact Factor: 2.85 | **Quartile:** 2 | **Citations:** 59
DOI: 10.3390/ijms19041034
- Effects of essential amino acid ?Tryptophan? in post burn skin wound healing** 2018
Alia Sadiq Muhammad Qasim Hayat Gulshan Ara Trali Ambreen Javed
International Journal of Biosciences, Volume 12, No. 3, Pages 137-143
Impact Factor: -
DOI: 10.12692/ijb/12.3.137-8
- In Silico Characterization of Human Serotonin Receptor 1A Protein** 2018
Alia Sadiq Muhammad Qasim Hayat Amna Younus
International Journal of Biosciences, Volume 12, No. 2, Pages 338-345
Impact Factor: -
DOI: 10.12692/ijb/12.2.338-345
- Pharmacological Promises of Genus *Artemisia* (Asteraceae): a Review** 2017
Adil Hussain Muhammad Q. Hayat Sumaira Sahreen Qurat ul Ain Syed A. I. Bokhari
Proceedings of the Pakistan Academy of Sciences, B. Life and Environmental Sciences 54 (4): 265–287 (2017)
Impact Factor: 0
DOI: https://www.researchgate.net/publication/322162964_Pharmacological_Promises_of_Genus_Artemisia_Asteraceae_a_Review
- Hydrogels incorporated with silver nanocolloids prepared from antioxidant rich *Aerva javanica* as disruptive agents against burn wound infections** 2017
Muhammad Uzair Hashmi Faria Khan Nauman Khalid Asad Abdullah Shahid Aqib Javed Tehsin Alam Nasir Jalal Muhammad Qasim Hayat Shah Rukh Abbas Hussain Ahmed Janjua
Colloids and Surfaces A: Physicochemical and Engineering Aspects, Volume 529, Pages 475-486
Impact Factor: 2.829 | **Quartile:** 2 | **Citations:** 36
DOI: 10.1016/j.colsurfa.2017.06.036
- Phylogeny and biogeography of *Artemisia* subgenus *Seriphidium* (Asteraceae: Anthemideae)** 2017

<i>Sadia Malik Daniel Vitales Muhammad Qasim Hayat Aleksandr A. Korobkov Teresa Garnatje Joan Vallès</i> <i>Taxon</i> , Volume 66, Issue 4, Pages 934-952 Impact Factor: 2.680 Quartile: 1 Citations: 53 DOI: 10.12705/664.8	
Isolation and identification of flavonoids from anticancer and neuroprotective extracts of <i>Trigonella foenum graecum</i> <i>Shabina Ishtiaq Ahmed Muhammad Qasim Hayat Saadia Zahid Muhammad Tahir1 Qaisar Mansoor Muhammad Ismail Kristen Keck Robert Bates</i> <i>Tropical Journal of Pharmaceutical Research</i> , Volume: 16 Issue: 6 Pages: 1391-1398 Impact Factor: 0.444 Quartile: 4 Citations: 17 DOI: 10.4314/tjpr.v16i6.25	2017
Application of the Triazolization Reaction to Afford Dihydroartemisinin Derivatives with Anti-HIV Activity <i>Sampad Jana Shabina Iram Joice Thomas Muhammad Qasim Hayat Christophe Pannecouque Wim Dehaen</i> <i>Molecules</i> , Volume: 22 Issue: 2 Article Number: 303 Published: FEB 2017 Impact Factor: 3.098 Quartile: 2 Citations: 34 DOI: 10.3390/molecules22020303	2017
Identification of IgE- binding pollen protein from <i>Cannabis sativa</i> in pollen-hypersensitive patients from north Pakistan <i>Shazia Choudhary Sheeba Murad Muhammad Qasim Hayat Zahid Shakoor Muhammad Arshad</i> <i>Pakistan Journal of Pharmaceutical Science</i> , Volume: 30, Issue: 1, Pages: 37-42, Published: JAN 2017 Impact Factor: 0.804 Quartile: 4 DOI: https://www.ncbi.nlm.nih.gov/pubmed/28603110	2017
Variation in Bioactive Composition, Antioxidant Attributes and Antimicrobial Potential of <i>Grewia Asiatica</i> in Relation to Solvent System and Drying Techniques <i>T. MEHMOOD L. JABEEN M. IQBAL S. A. MALIK M. Z. MAJEED F. SIDDIQUE Z. JABEEN F. JABBAR M. Q. HAYAT</i> <i>Oxidation Communications</i> , Vol 40, No 2, Pages 624-637, 2017 Impact Factor: 0 DOI: -	2017
Controlled assembly of silver nano-fluid in <i>Heliotropium crispum</i> extract: A potent anti-biofilm and bactericidal formulation <i>Faria Khan Muhammad Uzair Hashmi Nauman Khalid Muhammad Qasim Hayat Aamer Ikram Hussnain Ahmed Janjua</i> <i>Applied Surface Science</i> , Volume 387, Pages 317-331 Impact Factor: 3.387 Quartile: 1 Citations: 155 DOI: 10.1016/j.apsusc.2016.06.133	2016
Pharmacologically active flavonoids from the anticancer, antioxidant and antimicrobial extracts of <i>Cassia angustifolia</i> Vahl <i>Muhammad Tahir Muhammad Qasim Hayat Shabina Ishtiaq Ahmed Qaisar Mansoor Muhammad Ismail Kristen Keck Robert B. Bates</i> <i>BMC Complementary and Alternative Medicine</i> , Volume: 16, Article Number: 460, Impact Factor: 2.288 Quartile: 1 Citations: 197 DOI: 10.1186/s12906-016-1443-z	2016
The Phylogeographic and Spatiotemporal Spread of HCV in Pakistani Population <i>Noor-Ui-Huda Ghori Atif Shafique Muhammad Qasim Hayat Sadia Anjum</i> <i>PLoS ONE</i> , Volume 11, Issue 10 Impact Factor: 2.806 Quartile: 1 Citations: 5 DOI: 10.1371/journal.pone.0164265	2016
Genetic diversity and evolutionary analysis of Citrus Tristeza Virus p20 gene in Pakistan: insights into the spread and epidemiology <i>Noor-Ui-Huda Ghori Muhammad Qasim Hayat Salvatore Davino</i> <i>Advancements in Life Sciences</i> , Volume 3, Issue 3, Pages 75-82 Impact Factor: 0 DOI: -	2016
Antibacterial activity and qualitative phytochemical screening of <i>Fagonia cretica</i> L. <i>Kashaf Zia Muhammad Qasim Shazia Anjum Muhammad Ashraf Saima Hanif Alia Sadiqa</i> <i>Hamdard Medicus</i> , Volume 59, Issue 1, Pages 24-33 Impact Factor: 0 DOI: -	2016

A Comparative Ethno-Botanical Study of Cholistan (an Arid Area) and Pothwar (a Semi-Arid Area) of Pakistan for Traditional Medicines <i>Sadia Malik Saeed Ahmad Alia Sadiq Khurshid Alam Hafiz Muhammad Wariss Imtiaz Ahmad Muhammad Hayat Qasim Shazia Anjum Muhammad Mukhtar</i> <i>Journal of Ethnobiology and Ethnomedicine</i> , Volume 11, Article 31 Impact Factor: 2.414 Quartile: 2 Citations: 56 DOI: 10.1186/s13002-015-0018-2	2015
Phytochemical Analyses for Antibacterial Activity and Therapeutic Compounds of Convolvulus arvensis L., Collected from the Salt Range of Pakistan <i>Muhammad Umair Khan Noor-ul-Huda Ghouri Muhammad Qasim Hayat</i> <i>Advancements in Life Sciences</i> , Volume 2, Issue 2, Pages 83-90 Impact Factor: 0 DOI: -	2015
Qualitative and Quantitative Determination of Secondary metabolites and Antioxidant Potential of Eruca sativa <i>Alia Sadiq Muhammad Qasim Hayat Sheeba Murad</i> <i>Natural Products Chemistry and Research</i> , Volume 2 • Issue 4 Impact Factor: - DOI: 10.4172/2329-6836.1000137	2014
Physico-chemical parameters of surface and ground water and their environmental impact assessment in the Haripur Basin, Pakistan <i>S. Jabeen M.T. Shah I. Ahmed S. Khan Muhammad Qasim Hayat</i> <i>Journal of Geochemical Exploration</i> , Volume 138, Pages 1-7 Impact Factor: 2.747 Quartile: 2 Citations: 21 DOI: 10.1016/j.gexplo.2013.12.004	2014
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