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SUMMARY:

Publication	12
Book Chapters	00
Contributions to reports, guidelines, and policy documents:	00

Publications

Year 2023

1. Humoral and T cell responses to SARS-CoV-2 reveal insights into immunity during the early pandemic period in Pakistan. Masood KI, Qaiser S, Abidi SH, Khan E, Mahmood SF, Hussain A, Ghous Z, Imtiaz K, Ali N, **Hasan M**, Memon HA, Yameen M, Ali S, Baloch S, Lakhani G, Alves PM, Iqbal NT, Ahmed K, Iqbal J, Bhutta ZA, Hussain R, Rottenberg M, Simas JP, Veldhoen M, Ghias K and Hasan Z. BMC Infect Dis. 2023 Dec 1;23(1):846. DOI: [10.1186/s12879-023-08829-1](https://doi.org/10.1186/s12879-023-08829-1)
2. Non-severe allergic transfusion reaction: A hidden cause of wastage of blood product and laboratory resources. **Hayat H**, Ahmed Q, Alam H, and Rashid A. Vox Sang. 2023 Jan 6. doi: 10.1111/vox.13397. DOI: [10.1111/vox.13397](https://doi.org/10.1111/vox.13397).

Year 2022

3. Establishment of Population Specific Reference Intervals in Healthy Pakistani Adults for 21 Routine and Special Haematology Analytes. **Shaikh MS**, Ahmed S, Khalid A, **Hayat MH**, **Shaikh MU**, and **Ali N**. EJIFCC. 2022 Oct 28;33(3):220-232. PMCID: [PMC9644092](https://pubmed.ncbi.nlm.nih.gov/3644092/).
4. IgG antibodies to SARS-CoV-2 in asymptomatic blood donors at two time points in Karachi. **Hasan M**, Moiz B, Qaiser S, Masood KI, Ghous Z, Hussain A, Ali N, Simas JP, Veldhoen M, Alves P, Abidi SH, Ghias K, Khan E and Hasan Z. PLoS One. 2022 Aug 24;17(8):e0271259. DOI: [10.1371/journal.pone.0271259](https://doi.org/10.1371/journal.pone.0271259)
5. Screening for Arboviruses in Healthy Blood Donors: Experience from Karachi, Pakistan (Jul-Dec 2018). Khan MA, Imtiaz K, Shafaq H, Farooqi J, **Hassan M**, Zafar A, Long MT, Barr KL and Khan E. Virol Sin. 2022 Jul. 18:S1995-820X(22)00122-5. DOI: [10.1016/j.virs.2022.07.008](https://doi.org/10.1016/j.virs.2022.07.008).
6. Dynamics of IgG antibody responses to SARS-CoV-2 reveals insight into immunity during the early pandemic period in Pakistan. Masood K, Qaiser S, Abidi S, Khan E, Mahmood S, Hussain A Ghous Z, Kehkhasan I, Ali N, **Hayat H**, Memon H, Yameen M, Ali S, Baloch S, Lakhani G,

Alves P, Iqbal N, Ahmed K and Iqbal J. Karachi, Pakistan. (2022).
DOI:[10.2139/ssrn.4065417](https://doi.org/10.2139/ssrn.4065417).

7. Screening for Arboviruses in Healthy Blood Donors: Experience from Karachi, Pakistan (Jul-Dec 2018). Khan MA, Imtiaz K, Shafaq H, Farooqi J, **Hayat H**, Zafar A, Long MT, Barr KL and Khan E. *Virologica Sinica*. 2022 Jul; 18:S1995-820X(22)00122-5. DOI: [10.1016/j.virs.2022.07.008](https://doi.org/10.1016/j.virs.2022.07.008).

Year 2021

8. Safety and Efficacy of Convalescent Plasma Treatment in COVID-19 Patients. **Hasan M**, Shaikh MU, Malik MJ, Jamil B, Nasir N, Habib K, et al. *J Vaccines*. 2021 Feb; 12(2). <https://www.longdom.org/open-access/safety-and-efficacy-of-convalescent-plasma-treatment-in-covid19-patients-collate-trial.pdf>.
9. An audit of transfusion reaction monitoring and reporting at a cancer hospital in Pakistan - a step towards haemovigilance. **Hasan M**, Siddiqui IA, Qamar Z, Hayat A. *J Pak Med Assoc*. 2021 Feb;71(2(B)):699-703. doi: [10.47391/JPMA.1185](https://doi.org/10.47391/JPMA.1185). PMID: 33941962. <https://www.jpma.org.pk/article-details/10494>.
10. Molecular Epidemiology of BCR-ABL Rearrangement Variants in Chronic Myeloid Leukemia and Acute Lymphocytic Leukemia from Major Institute of Pakistan. Raza HA, Shaikh MS, **Hayat M**, Ansari H, Rashid HB, Moatter T and Ahmed. *Aug 2021*; 11(8). <https://www.researchgate.net/publication/355874015> Journal of Blood and Lymph Molecular Epidemiology of BCR-ABL Rearrangement Variants in Chronic Myeloid Leukemia and Acute Lymphocytic Leukemia from Major Institute of Pakistan.

Year 2018

11. Prospective Comparison of Point-of-Care Device and Standard Analyzer for Monitoring of International Normalized Ratio in Outpatient Oral Anticoagulant Clinic. Moiz B, Rashid A, **Hasan M**, Jafri L, Raheem A. *Clinical and Applied Thrombosis/Hemostasis*. 2018 Oct;24(7):1153-1158. doi: [10.1177/1076029617752247](https://doi.org/10.1177/1076029617752247). <https://pubmed.ncbi.nlm.nih.gov/29374969/>.

Year 2017

12. Frequency of G6PD Mediterranean in individuals with and without malaria in Southern Pakistan, Moiz B, Arshad HM, Raheem A, **Hayat M**, Ghanchi NK, Beg MA. *Malar J*. 2017 Oct 24;16(1):426. doi: [10.1186/s12936-017-2069](https://doi.org/10.1186/s12936-017-2069). <https://pubmed.ncbi.nlm.nih.gov/29065882/>.