

**Research Publications (2022)**

**2022**

<b>S.No</b>	<b>Name</b>	<b>Role</b>	<b>Department</b>	<b>Title</b>	<b>Journal</b>	<b>Impact Factor</b>	<b>Category</b>
1	Dr. Faraz Mehmood	Corresponding author	Basic Science, Mathematics	Positivity of Integrals for Higher Order $\nabla$ -Convex and Completely Monotonic Functions	Sahand Communications in Mathematical Analysis	0.41	Y
2	Dr. Azhar Iqbal	4th author	Basic Science, Mathematics	A Nonsingular Fractional Derivative Approach for Heat and Mass Transfer Flow with Hybrid Nanoparticles	Journal of Mathematics		Y
3	Dr. Azhar Iqbal	3rd author	Basic Science, Mathematics	Analysis of optical solitons solutions of two nonlinear models using analytical technique	AIMS Mathematics		X
4	Dr. Azhar Iqbal	3rd author	Basic Science, Mathematics	Application of water based drilling clay-nanoparticles in heat transfer of fractional Maxwell fluid over an infinite flat surface	Scientific Reports		W
5	Dr. Azhar Iqbal	4th author	Basic Science, Mathematics	Unsteady thermal transport flow of Casson nanofluids with generalized Mittag-Leffler kernel of Prabhakar's type	Journal of Materials Research and Technology		W
6	Dr. Azhar Iqbal	3rd author	Basic Science, Mathematics	Advances in transport phenomena with nanoparticles and generalized thermal process for vertical plate	Physica Scripta		X
7	Dr. Arsalan Ahmed	2nd author	Basic Science, Mathematics	An improved mixed distribution for estimating the wind potential in China	Wind Engineering		X