



University of Central Punjab, Lahore

Faculty of Sciences

Journal Publications

Sr.	Journal View	HEC Cat.	Impact Factor	Year
1	M. A. Noor, A. Raza, M. S. Arif, M. Rafiq , K. S. Nisar, Ilyas Khan Non-standard computational analysis of the stochastic Covid-19 pandemic model: An application of computational biology Alexandria Engineering Journal, HEC Category: W, IF: 3.732	W	3.732	2021
2	M. B. Khawar , M. H. Abbasi, M. Rafiq, N. Naz, R. Mehmood, N. Sheikh A decade of mighty lipophagy; what we know and what facts we need to know? Oxidative Medicine and Cellular Longevity, vol: 2021, HEC Category: W , IF: 6.543	W	6.543	2021
3	A. Akgul, N. Ahmed, A. Raza, Z. Iqbal, M. Rafiq , M. A. Rehman , D. Baleanu A fractal fractional model for cervical cancer due to human papillomavirus infection Fractals, vol: 29, issue: 5, HEC Category: W , IF: 4.536	W	4.536	2021
4	A. Akgül, U. Fatima , M. S. Iqbal , N. Ahmed, A. Raza, Z. Iqbal, M. Rafiq , A fractal fractional model for computer virus dynamics Chaos, Solitons and Fractals, vol: 147, HEC Category: W , IF: 3.764	W	3.764	2021
5	Z. Iqbal, J. E. Macías-Díazc, N. Ahmed, M. A. Rehman, A. Raza, M. Rafiq , A SEIR model with memory effects for the propagation of Ebola-like infections and its dynamically consistent approximation Computer Methods and Programs in Biomedicine, vol: 209, HEC Category: W , IF: 5.428	W	5.428	2021
6	F. Y. Dar, K. Aftab, S. G. Abbas, M. A. Babar, M. Asim, M. A. Khan, M. Akhtar , A supplementary report of the pleistocene bovids from the pabbi hills of Pakistan Geological Journal, HEC Category: W , IF: 2.489, publisher: Wiley	W	2.489	2021
7	W. Shatanawi, A. Raza, M. S. Arif, K. Abodayeh , M. Rafiq , M. Bibi An effective numerical method for the solution of a stochastic coronavirus (2019-nCOVID) pandemic model Computers, Materials & Continua, vol: 66, issue: 2, pages: 1121-1137, HEC Category: W , IF: 4.890	W	4.890	2021
8	Z. U. A. Zafar , S. Younas, S. Zaib , C. Tunç An efficient numerical simulation and mathematical modelling for the prevention of tuberculosis International journal of Biomathematics, HEC Category: W , IF: 2.053	W	2.053	2021
9	J. E. M. Diaz, A. Raza, N. Ahmed, M. Rafiq , Analysis of a nonstandard computer method to simulate a nonlinear stochastic	W	3.632	2021

	epidemiological model of coronavirus-like diseases Computer Methods and Programs in Biomedicine, vol: 204, HEC Category: W, IF: 3.632			
10	K. Abodayeh, A. Raza, M. Rafiq , M. S. Arif, M. Naveed, Z. Zeb, S. Z. Abbas, K. Shahzadi, S. Sarwar, Q. Naveed, B. U. Zaman, M. Mohsin Analysis of pneumonia model via efficient computing techniques , CMC - Computers, Materials & Continua, vol: 70, issue: 3, pages: 6073-6088, HEC Category: W , IF: 3.772	W	3.772	2021
11	U. Farooq, M. Ishaq, U. A. Shah, S. Chen, Z. H. Zheng, M. Azam , Z.H. Su, R. Tang, P. Fan, Y. Bai, G. X. Liang Bandgap engineering of lead-free ternary halide perovskites for photovoltaics and beyond: Recent progress and future prospects Nano Energy, vol: 92, HEC Category: W , IF: 17.881, publisher: Elsevier	W	17.881	2021
12	Z. Liang, M. B. Khawar** , H. Sun, Bio-conjugated quantum dots for cancer research: Detection and imaging , Frontiers in Oncology, HEC Category: W, IF: 6.244	W	6.244	2021
13	A.Raza, J. Awrejcewicz, M. Rafiq , M. Mohsin Breakdown of a nonlinear stochastic nipah virus epidemic models through efficient numerical methods , Entropy, vol: 23, issue: 12, HEC Category: W , IF: 2.524	W	2.524	2021
14	M. B. Khawar*** , H. Sun, CAR-NK cells: From natural basis to design for kill , Frontiers in Immunology, HEC Category: W, IF: 7.561	W	7.561	2021
15	M. B. Khawar , M. H. Abbasi, N. Sheikh, M. Riaz, M. Rafiq, A. Farooq, Z. Ahmad, S. Fatima, H. N. Amaan, Current scenario of coronavirus disease 2019 in Pakistan and combating strategies , Chinese Medical Journal, HEC Category: W, IF: 2.628	W	2.628	2021
16	M. Rafiq , J. E. Macías-Díaz , A. Raza, N. Ahmed Design of a nonlinear model for the propagation of COVID-19 and its efficient nonstandard computational implementation Applied Mathematical Modelling, vol: 89, pages: 1835-1846, HEC Category: W , IF: 3.633	W	3.633	2021
17	A. Raza, M. Rafiq , D. Alrowaili, N. Ahmed, I. Khan, K. S. Nisar, M. Mohsin Design of computer methods for the solution of cervical cancer epidemic model CMC-Computers, Materials & Continua, vol: 70, issue: 1, pages: 1649-1666, HEC Category: W, IF: 3.772	W	3.772	2021
18	Z. U. A. Zafar , N. Ali, D. Baleanu, Dynamics and numerical investigations of a fractional-order model of toxoplasmosis in the population of human and cats Chaos, Solitons and Fractals, vol: 151, HEC Category: W , IF: 5.944, publisher: Elsevier	W	5.944	2021
19	W. Liu, L. Zhang, A. Gao, M. B. Khawar , F. Gao, W. Li Food-derived high arginine peptides promote spermatogenesis recovery in busulfan treated mice Frontiers in Cell and Developmental Biology, vol: 2021, HEC Category: W, IF: 6.684	W	6.684	2021
20	Z. U. A. Zafar , S. Younas, M. T. Hussain, C. Tunc Fractional aspects of coupled mass-spring system Chaos, Solitons and Fractals, vol: 144, HEC Category: W, IF: 3.764	W	3.764	2021

21	Z. U. A. Zafar**, H. Rezazadeh, M. Inc, K. S. Nisar, T. A. Sulaiman, A. Yusufdh Fractional order heroin epidemic dynamics Alexandria Engineering Journal, vol: 60, issue: 6, HEC Category: W, IF: 2.460	W	2.460	2021
22	A. Asghar, T. Akhtar, T. Batool, M. B. Khawar**, S. Nadeem, R. Mehmood, N. Sheikh High-fat diet-induced splenic, hepatic, and skeletal muscle architecture damage: cellular and molecular players Molecular and Cellular Biochemistry, vol: 476, pages: 1-9, HEC Category: W, IF: 3.396	W	3.396	2021
23	A. Jhangeer, H. Rezazadeh, R. Abazari, K. Yildirim, S. Sharif, F. Ibraheem Lie analysis, conserved quantities and solitonic structures of Calogero-Degasperis-Fokas equation Alexandria Engineering Journal, vol: 60, issue: 2, pages: 11, HEC Category: W, IF: 2.460, publisher: Elsevier	W	2.460	2021
24	N. Ullah, W. Ashraf, S. U. Rehman, M. Jaffer, Q. ul-ain Light microscopy proved to be useful technique for morpho-anatomical examination of four wild plant species growing sideways waste water tunnels Microscopy Research and Technique, HEC Category: W, IF: 2.769, publisher: Wiley online	W	2.769	2021
25	K. Naseem, Magnetic nanoparticles (Fe₃O₄ NPs) fabricated composite microgels and their applications in different fields Reviews in Chemical Engineering, HEC Category: W, IF: 6.299, publisher: De Gruyter	W	6.299	2021
26	A. Raza, U. Fatima, M. Rafiq, N. Ahmed, I. Khan, K. S. Nisar, Z. Iqbal Mathematical analysis and design of the nonstandard computational method for an epidemic model of computer virus with delay effect: application of mathematical biology in computer science Results in Physics, vol: 21, issue: 1, HEC Category: W, IF: 4.019	W	4.019	2021
27	N. Shahid, M. A. Rehman, A. Khalid, U. Fatima, T. S. Sheikh, N. Ahmad, H. Alotaibi, M. Rafiq, I. Khan, K. S. Nisar Mathematical analysis and investigation of advection-reaction-diffusion computer virus model Results in Physics, vol: 26, HEC Category: W, IF: 4.476	W	4.476	2021
28	W. Ahmad, M. Abbas, M. Rafiq, D. Baleanu Mathematical analysis for the effect of voluntary vaccination on the propagation of Corona virus pandemic Results in Physics, vol: 31, HEC Category: W, IF: 4.476	W	4.476	2021
29	Z. U. A. Zafar, N. Ali, C. Tunc, Mathematical modeling and analysis of fractional-order brushless DC motor Advances in Difference Equations, HEC Category: W, IF: 2.803, publisher: Springer Open Journal	W	2.803	2021
30	S. H. Siyal, S. A. Jogi, S. Muhammadi, Z. A. Laghari, S. A. Khichi, K. Naseem, T. S. Algarni, A. Alothman, S. Hussain, M. S. Javed, Mechanical characteristics and adhesion of glass-kevlar hybrid composites by applying different ratios of epoxy in lamination Coatings, vol: 11, issue: 1, HEC Category: W, IF: 2.436, publisher: MDPI	W	2.436	2021
31	M. Naveed, D. Baleanu, A. Raza, M. Rafiq, A. H. Soori, M. Mohsin Modeling the transmission dynamics of delayed	W	2.803	2021

	pneumonia-like diseases with a sensitivity of parameters Advances in Difference Equations, HEC Category: W, IF: 2.803			
32	A. Mukhtar, M. Jaffer, S. Shaheen, N. Ullah, S. U. Rehman , Morpho-taxonomic identification of algal diversity of district Lahore based on light microscopic techniques Microscopy Research and Technique, vol: 84, issue: 11, HEC Category: W, IF: 2.769, publisher: Wiley online	W	2.769	2021
33	A. Mukhtar, M. Jaffer, S. Shaheen, N. Ullah, S. U. Rehman , Morpho-taxonomic identification of algal diversity of district Lahore based on light microscopy techniques Microscopy Research and Technique, pages: 1-07, HEC Category: W, IF: 2.117, publisher: Wiley	W	2.117	2021
34	H. Rezazadeh, A. Jhangeer, E. Tala-Tebue, M. S. Hashemi, S. Sharif , H. Ahmad, S. W. Yao New wave surfaces and bifurcation of nonlinear periodic waves for Gilson-Pickering equation Results in Physics, vol: 24, pages: 9, HEC Category: W, IF: 4.476, publisher: Elsevier Ltd	W	4.476	2021
35	S. Azam, N. Ahmed, A. Raza, M. S. Iqbal, M. Rafiq , I. Khan, K. S. Nisar, M. O. Ahmad, Z. Iqbal Numerical analysis of novel coronavirus (2019-nCov) pandemic model with advection Computers, Materials & Continua, vol: 67, issue: 3, pages: 2933-2953, HEC Category: W, IF: 4.890	W	4.890	2021
36	N. Ahmed, A. Raza, M. Rafiq , A. Ahmadian, N. Batool, S. Salahshour Numerical and bifurcation analysis of SIQR model Chaos, Solitons and Fractals, vol: 150, HEC Category: W, IF: 5.944	W	5.944	2021
37	M. Jawaz, M. A. U. Rehman, N. Ahmed, D. Baleanu, M. Rafiq , Numerical and bifurcation analysis of spatio-temporal delay epidemic model Results in Physics, vol: 22, issue: 22, HEC Category: W, IF: 4.019	W	4.019	2021
38	Z. U. A. Zafar , N. Ali, S. Younas, S. F. Abdelwahab, K. S. Nisare Numerical investigations of stochastic HIV-1 infection model Alexandria Engineering Journal, vol: 60, issue: 4, pages: 5341-5363, HEC Category: W, IF: 2.460	W	2.460	2021
39	N. Ahmad, A. Elsonbaty, A. Raza, M. Rafiq , W. Adel, Numerical simulation and stability analysis of a novel reaction-diffusion COVID-19 model , Nonlinear Dynamics, HEC Category: W, IF: 5.022	W	5.022	2021
40	T. S. Shaikh, N. Fayyaz, N. Ahmed, N. Shahid, M. Rafiq , I. Khan, K. S. Nisar, Numerical study for epidemic model of hepatitis-B virus , European Physical Journal Plus, vol: 136, HEC Category: W, IF: 3.228	W	3.228	2021
41	U. Fatima, D. Baleanu, N. Ahmed, S. Azam, A. Raza, M. Rafiq , M. A-U. Rehman, Numerical study of computer virus reaction diffusion epidemic model , Computers, Materials & Continua, vol: 66, issue: 3, pages: 3183-3195, HEC Category: W, IF: 4.890	W	4.890	2021
42	A. Akgül, M. S. Iqbal, U. Fatima, N. Ahmed, Z. Iqbal, A. Raza, M. Rafiq , M. A. U. Rehman Optimal existence of fractional order computer virus epidemic model and numerical	W	1.626	2021

	simulations Mathematical Methods in the Applied Sciences, HEC Category: W, IF: 1.626			
43	N. Shahid, D. Baleanu, N. Ahmed, T. S. Shaikh, A. Raza, M. S. Iqbal, M. Rafiq , M. A-U. Rehman Optimality of solution with numerical investigation for coronavirus epidemic model Computers, Materials & Continua, vol: 67, issue: 2, pages: 1713-1728, HEC Category: W, IF: 4.890	W	4.890	2021
44	N. Ahmed, U. Fatima, S. Iqbal, A. Raza, M. Rafiq , M. Aziz-ur-Rehman, S. Saeed, I. Khan , K. S. Nisar Spatio-temporal dynamics and structure preserving algorithm for computer virus model Computers, Materials & Continua, vol: 68, issue: 4, pages: 201-2212, HEC Category: W , IF: 4.890	W	4.890	2021
45	S. Azam, N. Ahmad, A. Akgul, M. S. Iqbal, M. Rafiq , M. O. Ahmad, D. Baleanu Structure preserving numerical scheme for spatio-temporal epidemic model of plant disease dynamics Results in Physics, vol: 30, HEC Category: W , IF: 4.476, publisher: Elsevier	W	4.476	2021
46	M. Naveed, D. Baleanu, A. Raza, M. Rafiq , A. H. Soori Treatment of polio delayed epidemic model via computer simulations Computers, Materials & Continua, vol: 70, issue: 2, pages: 3415-3431, HEC Category: W, IF: 4.890	W	4.890	2021
47	Z. B. Peng, A. R. Nizami , Z. Iqbal, M. Munir, H. M. Waqar, J. B. Liu Wiener and Hyper-wiener indices of polygonal cylinder and torus , Complexity, vol: 2021, issue: 1, pages: 15, HEC Category: W, IF: 2.462, publisher: Hindawi	W	2.462	2021
48	M. Saeed, A. Mehmood, T. Abdeljawad, M.H. Saeed, M. Asim , Application of similarity measure in pattern recognition of covid-19 spread and its effects in Pakistan Applied and Computational Mathematics, vol: 20, issue: 1, pages: 108-123, HEC Category: X, IF: 2.354	X	2.354	2021
49	Z. U. A. Zafar , N. Ali, D. Baleanu Dynamics of an arbitrary order model of toxoplasmosis ailment in human and cat inhabitants Journal of Taibah University for Science, HEC Category: X, IF: 2.688	X	2.688	2021
50	W. Shatanawi, A. Raza, M. S. Arif, M. Rafiq , M. Bibi, M. Mohsin Essential features preserving dynamics of stochastic dengue model Computer Modeling in Engineering and Sciences, vol: 126, issue: 1, pages: 201-215, HEC Category: X, IF: 0.805	X	0.805	2021
51	J. Najeeb, S. Naseem, M. F. Nazar, K. Naseem , U. Shehzad Green chemistry: Evolution in architecting schemes for perfecting the synthesis methodology of the functionalized nanomaterials ChemistrySelect, vol: 6, issue: 13, pages: 3101-3116, HEC Category: X , IF: 1.811, publisher: Wiley-VCH on behalf of Chemistry Europe	X	1.811	2021
52	R. R. M. Khan, R. Saleem, R. Bashir, M. Pervaiz, S. Naz, S. U. Rehman , U. Younas, S. Batool, H. M. F. Haider, M. Iqbal Highly selective and efficient porous CU-SN bimetallic electrocatalyst for CO2 reduction to formate Polish Journal of Environmental Studies, vol: 30, issue: 05, pages: 01-7, HEC Category: X, IF: 1.699, publisher: PJOS	X	1.699	2021

53	Z. Elahi, S. S. Siddiqi , G. Akram Laguerre method for solving linear system of fredholm integral equations International Journal of Computer Mathematics, vol: 98, issue: 11, pages: 2175--2185, HEC Category: X , IF: 1.931, publisher: Taylor & Francis	X	1.931	2021
54	Z. Iqbal, M. A. U. Rehman, D. Baleanu, N. Ahmed, A. Raza, M. Rafiq , Mathematical and numerical investigations of the fractional order epidemic model with constant vaccination strategy Romanian Reports in Physics, vol: 73, issue: 2, HEC Category: X, IF: 2.147	X	2.147	2021
55	A. Raza, M. Rafiq , Modeling and transmission dynamics of Leprosy disease: Via numerical methods Iranian Journal of Science and Technology, Transaction A: Science, vol: 45, issue: 6, pages: 1-12, HEC Category: X, IF: 1.194	X	1.194	2021
56	A. Raza, D. Baleanu, M. Yousaf , N. Akhtar, S. K. Mahmood, M. Rafiq , Modeling of anthrax disease via efficient computing techniques Intelligent Automation and Soft Computing, vol: 32, issue: 2, pages: 1109-1124, HEC Category: X , IF: 1.648	X	1.648	2021
57	N. Shahid, M. A. Rehman, N. Ahmad, D. Baleanu, M. Rafiq , Numerical investigation for the nonlinear model of hepatitis-B virus with the existence of optimal solution AIMS Mathematics, vol: 6, issue: 8, pages: 8294-8314, HEC Category: X, IF: 0.882	X	0.882	2021
58	M. T. Hussain, Z. U. A. Zafar , Z. Chi On dualization of a result of Bryce and Cossey theory , Acta Mathematica Hungarica, HEC Category: X, IF: 0.623, publisher: Acta Mathematica Hungarica	X	0.623	2021
59	Z. U. A. Zafar , N. Ali, C. Tunc On the analysis and control of hyperchaotic systems Journal of Nonlinear and Convex Analysis, HEC Category: X, IF: 1.075	X	1.075	2021
60	M. A. Farooq , M. F. Shamir Study of cylindrically symmetric solutions in an f(R) gravity background Theoretical and Mathematical Physics, vol: 206, issue: 1, pages: 109-118, HEC Category: X , IF: 0.854	X	0.854	2021
61	M. A. Babar, K. Aftab , M. A. Khan, S. G. Abbas, M. Asim, M. Akhtar , Tetraconodon and sivachoerus (suidae) from dhok Pathan and hasnot area of potwar plateau, northern Pakistan Arabian Journal of Geosciences, vol: 14, pages: 2473, HEC Category: X , IF: 1.827, publisher: Springer	X	1.827	2021
62	S. G. Abbas , M. A. Babar, M. A. Khan, I. Hussain, M. Akhtar , A. Yasin, M. Khalid, Tragoportax and miotragocerus from Nagri formation type locality, Siwalik Group, Pakistan (early late Miocene): Taxonomic problems and hypotheses regarding their resolution Annales de Paleontologie, vol: 107, issue: 3, pages: 102490, HEC Category: X , IF: 0.702	X	0.702	2021
63	S. Tariq , O. Alsalmi, A. O. Alrashdi, A. A. Mubarak, B. Kanwal , Investigating the influence of pressure on SrFeO3 and SrMnO3 ferromagnets for high-pressure spintronic devices: A comparative DFT overview , Applied Physics A: Materials Science and Engineering, HEC Category:X , IF: 2.584, publisher: Springer , 2021	X	2.584	2021

64	A. A. Mubarak, S. Tariq , The electronic, magnetic and optical analysis of the AgNiF₃ (001) surface: A First-Principles approach , Indian Journal of Physics, HEC Category:X , IF: 1.407, publisher: Springer , 2021	X	1.947	2021
65	N. Rubab , F. Riaz, S. Zaheer, N. Noreen, H. A. Shah Kinetic Alfven waves and instabilities by using (r,q) distribution functions , Contributions to Plasma Physics, vol: 61, issue: 4, HEC Category:X , IF: 1.226, publisher: Wiley , 2021	X	1.226	2021
66	J. Ali, A. Raza, N. Ahmed, A. Ahmadian, M. Rafiq , M. Ferrara, Evolutionary optimized Pad'e approximation scheme for analysis of covid-19 model with crowding effect Operations Research Perspectives, vol: 8, HEC Category: X, IF: 0.000	X	-	2021
67	M. B. Khawar** , M. H. Abbasi, S. Hussain, M. Riaz, M. Rafiq, R. Mehmood, N. Sheikh, H. N. Amaan, S. Fatima, F. Jabeen Z. Ahmad, A. Farooq Psychological impacts of COVID-19 and satisfaction from online classes: disturbance in daily routine and prevalence of depression, stress, and anxiety among students of Pakistan Heliyon, vol: 7, issue: 5, HEC Category: X , IF: 0.000	X	-	2021
68	M. A. Raza, A. Sharif, M. Danish, S. U. Rehman , A. Budzianowski, J. K. Maurin , Theoretical and experimental investigation of thiourea derivatives: Synthesis, crystal structure, in-silico and in-vitro biological evaluation , Bulletin of the Chemical Society of Ethiopia, HEC Category:Y , IF: 1.330, publisher: Chemical Society of Ethiopia , 2021	Y	1.330	2021
69	A. R. Nizami , K. Shabbir, M. S. Sardar, M. Qasim, M. Cancan, S. Ediz Base polynomials for degree and distance based topological invariants of n-bilinear straight pentachain Journal of Information and Optimization Sciences, vol: 42, issue: 3, pages: 17, HEC Category: Y , IF: 0.000, publisher: Taylor & Francis	Y	-	2021
70	M. H. Abbasi, A. Farooq, M. B. Khawar , N. Yousaf, M. K. A. Khan, S. Fatima, N. Sheikh Effectiveness of SVR 12 in Hepatitis C subjects attending tertiary care hospital in Lahore-Pakistan: An observational data RADS Journal of Pharmacy and Pharmaceutical Sciences, vol: 9, issue: 1, pages: 40-45, HEC Category: Y , IF: 0.000	Y	-	2021
71	H. J. Mansoor, M. S. Walayt, H. Ahmed, M. A. Khan , M. Saeed Treatment of HCV genotype-1a infection with sofosbuvir / daclatasvir in a child suffering from Thalassemia-major RADS Journal of Pharmacy and Pharmaceutical Sciences, vol: 8, issue: 3, HEC Category: Y , IF: 0.000, publisher: Jinnah University for Women, Karachi	Y	-	2021
72	M. R. Kazmi , S. U. Rehman , A. Zehra, S. Q. Raza, S. Firyal , Study of association between DRD2 polymorphism and aggressive behavior in prisoners , Pak-Euro Journal of Medical and Life Sciences , vol: 4 , issue: 4 , pages: 156-163, HEC Category:Y , IF: 0.000, publisher: Readers insight , 2021	Y	-	2021
73	S. G. Abbas , M. A. Babar, M. A. Khan, B. U. Nisa, M. K. Nawaz, M. Akhtar , New proboscidean material from the Siwalik group of Pakistan with remarks on some species PaleoBios, issue: 38, pages: 1-12	-	-	2021

74	M. B. Khawar** , N. Fatima, M. H. Abbasi, N. Sheikh, H. N. Amaan , R. Mehmood, M. Mukhtar, A. Arif, Z. Ahmad, Z. Siddique, A. Farooq, and T. Saeed, Role and molecular mechanisms of lysosomes and cathepsins in neuropathology and aging: New insights , Journal of Neurodegenerative Disorders, vol: 4, issue: 1, pages: 113-121	-	-	2021
75	A. Naseer, H. A. U. Huda, K. Naseem , Skin hypersensitivity and precipitating antibodies against allergic bronchopulmonary aspergillosis ASEAN Journal of Science and Engineering, vol: 1, issue: 3, pages: 205-212, publisher: Universitas Pendidikan Indonesia	-	-	2021
76	F. Farmanullah, M. Gouda, Z. Min, X. Sutong, M. U. KaKar, S. U. Khan, M. Salim, M. Khan, Z. U. Rehman, H. S. Talpur, F. A. Khan** , N. S. Pandupuspitasari, Z. Shujun The variation in promoters sequences of Akt3 gene between cow and buffalo revealed different responses against mastitis Journal of Genetic Engineering and Biotechnology	-	-	2021

Author* means author exhibits dual affiliations, in which UCP is declared as primary institute.

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Journal Name***: Impact factor journal Not found in HEC database.

▪ **Conference & Miscellaneous Publications**

Sr.	Conference View	Year
1	F. A. Khan, Gut microbiota and its importance Bio-health and Agriculture Proc. of the International Symposium on Scientific and Educational Cooperation of Young Scientists Along the Silk Road and the development of Bio-health Agriculture	2021
2	F. A. Khan, ISSRP Proc. of the ISSRP 2021	2021
3	M. Rafiq, Mathematical Modelling of Infectious Diseases Dynamics Proc. of the 18th International Bhurban Conference on Applied Sciences and Technology 2021	2021
4	F. A. Khan, Uses of Next Generation Sequencing in Medical Laboratory Research Webinar Series in Medical Laboratory Research	2021
5	N. Rubab, Plasma physics , Proc. of the 5th Asia Pacific Conference on Plasma Physics, 2021	2021
6	N. Rubab, Recent trends in plasma physics , Proc. of the Recent Trends in Plasma Physics, 2021	2021
7	K. Naseem, S. U. Rehman, A. Aziz, Plant extract induced biogenic preparation of silver nanoparticles and their potential for catalytic degradation of toxic dye , Proc. of the 19th International & 31st National conference on emerging trends in Chemistry, 2021	2021