



### 3.4.5. Number of books and chapters in edited volumes published per teacher during the last five years (10)

Sl. No.	Name of the teacher	Title of the paper	Year of publication	ISBN number of the proceeding	Whether at the time of publication Affiliating Institution Was same	Name of the publisher	Link/proof
1	Rais Ahmad Qadri	Temporal expression of floral proteins interacting with CArG1 region of CsAP3 gene in Crocus sativus L.	2019			Gene Reports	<a href="#">Link</a>
2	Khurhid I Andrabi	TAK1 mediates convergence of cellular signals for death and survival	2019			Apoptosis	<a href="#">Link</a>
3	Ehtishamul Haq	Wani SM, FA Masoodi, E Haq, M Ahmad, SA Ganai (2020),. Influence of processing methods and storage on phenolic compounds and carotenoids of apricots. LWT-Food Science & Technology. Vol 132:109846. DOI:10.1016/j.lwt.2020.109846	2020	Vol 132:109846. DOI:10.1016/j.lwt.2020.109846	Yes	LWT-Food Science & Technology. Vol 132:109846. DOI:10.1016/j.lwt.2020	<a href="#">Link</a>
7	Rais Ahmad Qadri	Rizvi, M.A., Hussain, Z., Ali, F., Amin, A., Mir, S.H., Rydzek, G., Jagtap, R.M., Pardeshi, S.K., Qadri, R.A. and Ariga, K. Bioactive Supra Decorated Thiazolidine-4-carboxylic acid derivative attenuates cellular oxidative stress by enhancing catalase activity. Physical Chemistry Chemical Physics 22, 7942-7951. (2020) DOI https://doi.org/10.1039/D0CP00253D	2020	Physical Chemistry Chemical Physics 22, 7942-7951. (2020) DOI https://doi.org/10.1039/D0CP00253D	Yes	Physical Chemistry Chemical Physics 22, 7942-7951. (2020) DOI https://doi.org/10.1039/D0CP00253D	<a href="#">Link</a>
8	Khursheed iqbal Andrabi	A Batool, ST Majeed, S Aashaq, R Majeed, NN Bhat, KI Andrabi. Eukaryotic initiation factor 4E is a novel effector of mTORC1 signaling pathway in cross talk with Mnk1 Molecular and Cellular Biochemistry (2020) 465 (1-2), 13-26. https://doi.org/10.1007/s11010-019-03663-z	2020	Molecular and Cellular Biochemistry (2020) 465 (1-2), 13-26. https://doi.org/10.1007/s11010-019-03663-z	Yes	Molecular and Cellular Biochemistry (2020) 465 (1-2), 13-26. https://doi.org/10.1007/s11010-019-03663-z	<a href="#">Link</a>
9	Khurshid Iqbal Anrabi	A Batool, ST Majeed, S Aashaq, R Majeed, KI Andrabi. Eukaryotic Initiation Factor 4E phosphorylation acts a switch for its binding to 4E-BP1 and mRNA cap assembly. Biochemical and Biophysical Research Communications (2020) Volume 527 (2), Pages 489-495 https://doi.org/10.1016/j.bbrc.2020.04.086	2020	Biochemical and Biophysical Research Communications (2020) Volume 527 (2), Pages 489-495 https://doi.org/10.1016/j.bbrc.2020.04.086	Yes	Biochemical and Biophysical Research Communications (2020) Volume 527 (2), Pages 489-495 https://doi.org/10.1016/j.bbrc.2020.04.086	<a href="#">Link</a>
10	Firdous Ahmad Khanday	Mir HA, Ali R, Mushtaq U, Khanday FA. Structure-functional implications of longevity protein p66Shc in health and disease. Age Res Rev (2020), 101139. (REVIEW)	2020	Age Res Rev (2020), 101139. (REVIEW)	Yes	Age Res Rev (2020), 101139. (REVIEW)	<a href="#">Link</a>
11	Firdous Ahmad Khanday	9. Bhat SS, Mushtaq U, Ali A, Khanday FA. Flavonoid Treatment of Breast Cancer Cells has Multifarious Consequences on Alpha-1-Syntrophin Expression and other Downstream Processes. A J Sci Engineering,(2020) 1-6.	2020	A J Sci Engineering,(2020) 1-6.	Yes	A J Sci Engineering,(2020) 1-6.	<a href="#">Link</a>



12	Khalid Majid Fazili	Arif Bashir, YounisHazari, DebnathPal ,DibyajyotiMaity , Samirul Bashir, Laishram Rajendra kumar Singh, Naveed Nazir Shah & Khalid Majid Fazili(2020): Aggregation of M3 (E376D) variant of alpha1- antitrypsin; Sci Rep 10, 8290. <a href="https://doi.org/10.1038/s41598-020-64860-1">https://doi.org/10.1038/s41598-020-64860-1</a>	2020	Sci Rep 10, 8290. <a href="https://doi.org/10.1038/s41598-020-64860-1">https://doi.org/10.1038/s41598-020-64860-1</a>	Yes	Sci Rep 10, 8290. <a href="https://doi.org/10.1038/s41598-020-64860-1">https://doi.org/10.1038/s41598-020-64860-1</a>	<a href="#">Link</a>
13	Khalid Majid Fazili	Bhat SA, Sarwar Z, Gillani SQ, Un Nisa M, Reshi I, Nabi N, Xie S, Fazili KM, Roberts TM, Andrabi S. Polyomavirus Small T Antigen Induces Apoptosis in Mammalian Cells through the UNC5B Pathway in a PP2A-Dependent Manner. J Virol. 2020 Jul 1;94(14):e02187-19. doi: <a href="https://10.1128/JVI.02187-19">https://10.1128/JVI.02187-19</a>	2020	J Virol. 2020 Jul 1;94(14):e02187-19. doi: <a href="https://10.1128/JVI.02187-19">https://10.1128/JVI.02187-19</a>	Yes	J Virol. 2020 Jul 1;94(14):e02187-19. doi: <a href="https://10.1128/JVI.02187-19">https://10.1128/JVI.02187-19</a>	DOI: 10.1128/JVI.02187-19
14	Khalid Majid Fazili	Reshi I, Nisa MU, Farooq U, Gillani SQ, Bhat SA, Sarwar Z, Nabi N, Fazili KM, Andrabi S. AKT Regulates Mitotic Progression of Mammalian Cells by Phosphorylating MASTL, Leading to Protein Phosphatase 2A Inactivation. Mol Cell Biol. 2020 Apr 28;40(10):e00366-18. Doi: <a href="https://10.1128/MCB.00366-18">https://10.1128/MCB.00366-18</a> .	2020	Mol Cell Biol. 2020 Apr 28;40(10):e00366-18. Doi: <a href="https://10.1128/MCB.00366-18">https://10.1128/MCB.00366-18</a> .	Yes	Mol Cell Biol. 2020 Apr 28;40(10):e00366-18. Doi: <a href="https://10.1128/MCB.00366-18">https://10.1128/MCB.00366-18</a> .	<a href="#">Link</a>
15	Khurshid Iqbal Anrabi	ST Majeed, A Batool, R Majeed, NN Bhat, MA Zargar, KI Andrabi. mTORC1 induces eukaryotic translation initiation factor 4E interaction with TOS-S6 kinase 1 and its activation. Cell Cycle (2021) 20 (9), 839-854 <a href="https://doi.org/10.1080/15384101.2021.1901038">https://doi.org/10.1080/15384101.2021.1901038</a>	2021	Cell Cycle (2021) 20 (9), 839-854 <a href="https://doi.org/10.1080/15384101.2021.1901038">https://doi.org/10.1080/15384101.2021.1901038</a>	Yes	Cell Cycle (2021) 20 (9), 839-854 <a href="https://doi.org/10.1080/15384101.2021.1901038">https://doi.org/10.1080/15384101.2021.1901038</a>	<a href="#">Link</a>
16	Khurshid Iqbal Anrabi	14. A Batool, Malik, F. & Andrabi, KI. Expansion of the CRISPR/Cas Genome-Sculpting Toolbox: Innovations, Applications and Challenges. Mol Diagn Ther 25, 41–57 (2021). <a href="https://doi.org/10.1007/s40291-020-00500-8">https://doi.org/10.1007/s40291-020-00500-8</a>	2021	Mol Diagn Ther 25, 41–57 (2021). <a href="https://doi.org/10.1007/s40291-020-00500-8">https://doi.org/10.1007/s40291-020-00500-8</a>	Yes	Mol Diagn Ther 25, 41–57 (2021). <a href="https://doi.org/10.1007/s40291-020-00500-8">https://doi.org/10.1007/s40291-020-00500-8</a>	<a href="#">Link</a>
17	Khursheed iqbal Andrabi	15. S Aashaq, A Batool, SA Mir, MA Beigh, KI Andrabi, ZA Shah TGF- $\beta$ signaling: A recap of SMAD-independent and SMAD-dependent pathways Journal of Cellular Physiology (2021) 237 (1), 59–85. doi:10.1002/jcp.30529 <a href="https://doi.org/10.1002/jcp.30529">https://doi.org/10.1002/jcp.30529</a> (REVIEW)	2021	Journal of Cellular Physiology (2021) 237 (1), 59–85. doi:10.1002/jcp.30529 <a href="https://doi.org/10.1002/jcp.30529">https://doi.org/10.1002/jcp.30529</a> (REVIEW)	Yes	Journal of Cellular Physiology (2021) 237 (1), 59–85. doi:10.1002/jcp.30529 <a href="https://doi.org/10.1002/jcp.30529">https://doi.org/10.1002/jcp.30529</a> (REVIEW)	<a href="#">Link</a>
18	Ehtishamul Haq	16. Bukhari SNH, Jain A, Haq E, Mehbodniya A, Webber J. Ensemble Machine Learning Model to Predict SARS-CoV-2 T-Cell Epitopes as Potential Vaccine Targets. Diagnostics.2021;11(11),:1990 <a href="https://doi.org/10.3390/diagnostics11111990">https://doi.org/10.3390/diagnostics11111990</a>	2021	Diagnostics.2021;11(11),:1990 <a href="https://doi.org/10.3390/diagnostics11111990">https://doi.org/10.3390/diagnostics11111990</a>	Yes	Diagnostics.2021;11(11),:1990 <a href="https://doi.org/10.3390/diagnostics11111990">https://doi.org/10.3390/diagnostics11111990</a>	<a href="#">Link</a>
19	Ehtishamul Haq	17. Bukhari SNH., Jain A., Haq E., Khder M.A., Neware R., Bhola J., Najafi M.L. Machine Learning-Based Ensemble Model for Zika Virus T-Cell Epitope Prediction. J. Health Eng. 2021;2021:9591670. doi: 10.1155/2021/9591670	2021	J. Health Eng. 2021;2021:9591670. doi: 10.1155/2021/9591670	Yes	J. Health Eng. 2021;2021:9591670. doi: 10.1155/2021/9591670	<a href="#">Link</a>
20	Firdous Ahmad Khanday	18. Mushtaq, U., Bashir, M., Nabi, S., Khanday, F.A. Epidermal growth factor receptor and integrins meet redox signaling through P66shc and Rac1. Cytokine, 2021, 146, 155625. (REVIEW)	2021	Cytokine, 2021, 146, 155625. (REVIEW)	Yes	Cytokine, 2021, 146, 155625. (REVIEW)	<a href="#">Link</a>
21	Firdous Ahmad Khanday	19. Wani SM, Gani A, Mir SA, Masoodi FA, Khanday FA. $\beta$ -Glucan: A dual regulator of apoptosis and cell proliferation. Int J of Biol Macromol.(2021), 182, 1229-1237 (REVIEW)	2021	Int J of Biol Macromol.(2021), 182, 1229-1237 (REVIEW)	Yes	Int J of Biol Macromol.(2021), 182, 1229-1237 (REVIEW)	<a href="#">Link</a>
22	Firdous Ahmad Khanday	20. Jan, R., Khan, M.S., Hassan, N., Mushtaq, U., Khanday, F.A., Bhat, M.A. Synthesis, surface activity, self-aggregation and cytotoxicity of ruthenium (II) and Oxovanadium (IV) based metallo-surfactants. J Mol Liquids, (2021), 331, 115696	2021	J Mol Liquids, (2021), 331, 115696	Yes	J Mol Liquids, (2021), 331, 115696	<a href="#">Link</a>



23	Firdous Ahmad Khanday	21. Ali A, Mir HA, Hamid R, Shah RA, Khanday FA, Bhat SS. Jasplakinolide Attenuates Cell Migration by Impeding Alpha-1-syntrophin Protein Phosphorylation in Breast Cancer Cells. Protein J, (2021) 40(2), 234-244.	2021	Protein J, (2021) 40(2), 234-244.	Yes	Protein J, (2021) 40(2), 234-244.	<a href="#">Link</a>
24	Firdous Ahmad Khanday	22. Mushtaq U, Bhat SS, Parray AA, Nabi S, Wani AH, Qurashi AH, Siddiqui KS, Khanday FA. A simple, economical and environmental-friendly method for staining protein gels using an extract from walnut-husk. Chem-Biol Interact , (2021), 333, 109310	2021	Chem-Biol Interact , (2021), 333, 109310	Yes	Chem-Biol Interact , (2021), 333, 109310	<a href="#">Link</a>
25		Advances in pullulan production from agro-based wastes by Aureobasidium pullulans and its applications SM Wani, SA Mir, FA Khanday, FA Masoodi	2021	Innovative Food Science & Emerging Technologies 74, 102846	Yes	Innovative Food Science & Emerging Technologies 74, 102846	
		Innovative Food Science & Emerging Technologies 74, 102846					
26	Firdous Ahmad Khanday	23. Ali R, Mir HA, Hamid R, Saleem S, Khanday FA. : Volume 6, ISBN: 978-981-14-2573-8 (2021)	2021	Frontiers in Clinical Drug Research - Anti-Cancer Agents: Volume 6, ISBN: 978-981-14-2573-8 (2021)	Yes	Frontiers in Clinical Drug Research - Anti-Cancer Agents: Volume 6, ISBN: 978-981-14-2573-8 (2021)	
27	Abrar Qurashi	Fragile X premutation rCGG repeats impair synaptic growth and synaptic transmission at Drosophila larval neuromuscular junction		Hum Mol Genet. 2021 Aug 28;30(18):1677-1692. doi: 10.1093/hmg/ddab087.	Yes	Hum Mol Genet. 2021 Aug 28;30(18):1677-1692. doi: 10.1093/hmg/ddab087	<a href="#">Link</a>
28	Abrar Qurashi			24. Yousuf A, Qurashi A. Non-coding RNAs in the pathogenesis of Multiple Sclerosis. Frontiers in Genetics. (2021)12:717922. (REVIEW)		2021	Frontiers in Genetics. (2021)12:717922. (REVIEW)
29	Raies Ahmad Qadri	25. Ganai, A., Srinivasan, P., Rajamanikandan, S., Mohan, S., Gani, M., Qadri, R.A. and Bhat, M.A., 2021. Delineating binding potential, stability of Sulforaphane-N-acetyl-cysteine in the active site of histone deacetylase 2 and testing its cytotoxicity against distinct cancer lines through stringent molecular dynamics, DFT and cell-based assays. Chemical Biology & Drug Design, 98(3) (2021).	2021	Chemical Biology & Drug Design, 98(3) (2021). <a href="https://doi.org/10.1111/cbdd.13854">https://doi.org/10.1111/cbdd.13854</a>		Chemical Biology & Drug Design, 98(3) (2021). <a href="https://doi.org/10.1111/cbdd.13854">https://doi.org/10.1111/cbdd.13854</a>	<a href="#">Link</a>
30	Raies Ahmad Qadri	26. Bhat, A., Bhat, G.R., Verma, S., Sharma, B., Bakshi, D., Abrol, D., Singh, S., Qadri, R.A., Shah, R. and Kumar, R., 2021. Evaluation of 17 genetic variants in association with leukemia in the north Indian population using MassARRAY Sequenom. Journal of Biochemical and Molecular Toxicology 35(7), e22792 (2021). <a href="https://doi.org/10.1002/jcb.29883">https://doi.org/10.1002/jcb.29883</a>	2021	Journal of Biochemical and Molecular Toxicology 35(7), e22792 (2021). <a href="https://doi.org/10.1002/jcb.29883">https://doi.org/10.1002/jcb.29883</a>		Journal of Biochemical and Molecular Toxicology 35(7), e22792 (2021). <a href="https://doi.org/10.1002/jcb.29883">https://doi.org/10.1002/jcb.29883</a>	<a href="#">Link</a>
31	Raies Ahmad Qadri	27. Amin, A., Mokhdomi, T.A., Bukhari, S., Wani, Z., Chikan, N.A., Shah, B.A., Koul, A.M., Majeed, U., Farooq, F., Qadri, A. and Qadri, R.A. Lung cancer cell derived EDA containing fibronectin induces an inflammatory response from monocytes and promotes metastatic tumor microenvironment. Journal of Cellular Biochemistry 122, 562-576 (2021). <a href="https://doi.org/10.1002/jcb.29883">https://doi.org/10.1002/jcb.29883</a>	2021	Journal of Cellular Biochemistry 122, 562-576 (2021). <a href="https://doi.org/10.1002/jcb.29883">https://doi.org/10.1002/jcb.29883</a>		Journal of Cellular Biochemistry 122, 562-576 (2021). <a href="https://doi.org/10.1002/jcb.29883">https://doi.org/10.1002/jcb.29883</a>	<a href="#">Link</a>
32	Raies Ahmad Qadri	28. Sharma, B., Angurana, S., Bhat, A., Verma, S., Bakshi, D., Bhat, G.R., Amin, A., Jamwal, R.S., Qadri, R.A., Shah, R. and Kumar, R. Genetic Analysis of colorectal carcinoma using high throughput SNP genotyping technique within the population of Jammu and Kashmir. Molecular Biology Reports 48:5889-5895 (2021). <a href="https://doi.org/10.1007/s11033-021-06583-8">https://doi.org/10.1007/s11033-021-06583-8</a>	2021	Molecular Biology Reports 48:5889-5895 (2021). <a href="https://doi.org/10.1007/s11033-021-06583-8">https://doi.org/10.1007/s11033-021-06583-8</a>		Molecular Biology Reports 48:5889-5895 (2021). <a href="https://doi.org/10.1007/s11033-021-06583-8">https://doi.org/10.1007/s11033-021-06583-8</a>	<a href="#">Link</a>



33	Raies Ahmad Qadri	29. Shah, B. A., Ganai, S. A., Koul, A. M., Mohan, S., Amin, A., Wani, Z., ... & Qadri, R. A. Exploring novel and potent molecules for disrupting DEPTOR-mTOR interaction through structure-steered screening, extra-exactitude molecular docking, prime binding free energy estimation and vogueish molecular dynamics. Journal of Biomolecular Structure and Dynamics 1-11. (2021) <a href="https://doi.org/10.1080/07391102.2021.1967785">https://doi.org/10.1080/07391102.2021.1967785</a>	2021	Journal of Biomolecular Structure and Dynamics 1-11. (2021) <a href="https://doi.org/10.1080/07391102.2021.1967785">https://doi.org/10.1080/07391102.2021.1967785</a>	Journal of Biomolecular Structure and Dynamics 1-11. (2021) <a href="https://doi.org/10.1080/07391102.2021.1967785">https://doi.org/10.1080/07391102.2021.1967785</a>	<a href="#">Link</a>
34	Khalid Majid Fazili	30. Shaiq UA Rasool, S Ashraf, M Nabi, SR Masoodi, Khalid Majid Fazili, S Amin (2021); Clinical Manifestations of Hyperandrogenism and Ovulatory Dysfunction Are Not Associated with His1058 C/T SNP (rs1799817) Polymorphism of Insulin Receptor Gene Tyrosine Kinase Domain in Kashmiri Women with PCOS; International Journal of Endocrinology 2021, 7522487, 1-10.	2021	International Journal of Endocrinology 2021, 7522487, 1-10.	International Journal of Endocrinology 2021, 7522487, 1-10.	<a href="#">Link</a>
35	Khalid Majid Fazili	31. Samirul Bashir, Mariam Banday, Ozaira Qadri, Arif Bashir, Nazia Hilal, Stephen Rader, Khalid Majid Fazili (2021): The molecular mechanism and functional diversity of UPR signaling sensor IRE1, Life Sciences, 265, 118740. (REVIEW)	2021	Life Sciences, 265, 118740. (REVIEW)	Life Sciences, 265, 118740. (REVIEW)	<a href="#">Link</a>
36	Abrar Qurashi	32. Yousuf A, Ahmed A, Qurashi A. Non-canonical DNA/RNA structures associated with the pathogenesis of Fragile X-associated tremor/ataxia syndrome and Fragile X syndrome. Frontiers in Genetics, 13 ( <a href="https://doi.org/10.3389/fgene.2022.866021">https://doi.org/10.3389/fgene.2022.866021</a> ) (2022) (REVIEW)	2021	Frontiers in Genetics, 13 ( <a href="https://doi.org/10.3389/fgene.2022.866021">https://doi.org/10.3389/fgene.2022.866021</a> ) (2022) (REVIEW)	Frontiers in Genetics, 13 ( <a href="https://doi.org/10.3389/fgene.2022.866021">https://doi.org/10.3389/fgene.2022.866021</a> ) (2022) (REVIEW)	<a href="#">Link</a>
37	Ehtishamul Haq	33. Bukhari SNH, Jain A, Haq E, Mehbodniya A, Webber J. Machine Learning Techniques for the Prediction of B-Cell and T-Cell Epitopes as Potential Vaccine Targets with a Specific Focus on SARS-CoV-2 Pathogen: A Review. Pathogens. 2022; 11(2),:146. <a href="https://doi.org/10.3390/pathogens11020146">https://doi.org/10.3390/pathogens11020146</a> (REVIEW)	2022	Pathogens. 2022; 11(2),:146. <a href="https://doi.org/10.3390/pathogens11020146">https://doi.org/10.3390/pathogens11020146</a> (REVIEW)	Pathogens. 2022; 11(2),:146. <a href="https://doi.org/10.3390/pathogens11020146">https://doi.org/10.3390/pathogens11020146</a> (REVIEW)	<a href="#">Link</a>
38	Ehtishamul Haq	34. Bukhari SNH, Jain A, Haq E. A novel ensemble machine learning model for prediction of Zika virus T-cell epitopes. In Proceedings of Data Analytics and Management. Lecture Notes on Data Engineering and Communications Technologies Vol. 91 (eds Gupta, D. et al.), (Springer, 2022). <a href="https://link.springer.com/chapter/10.1007/978-981-16-6285-0_23">https://link.springer.com/chapter/10.1007/978-981-16-6285-0_23</a>	2022	(Springer, 2022). <a href="https://link.springer.com/chapter/10.1007/978-981-16-6285-0_23">https://link.springer.com/chapter/10.1007/978-981-16-6285-0_23</a>	(Springer, 2022). <a href="https://link.springer.com/chapter/10.1007/978-981-16-6285-0_23">https://link.springer.com/chapter/10.1007/978-981-16-6285-0_23</a>	<a href="#">Link</a>
40	Ehtishamul Haq	36. Q Taban, PT Mumtaz, KZ Masoodi, E Haq, SM Ahmad (2022), Scavenger receptors in host defense: from functional aspects to mode of action. Cell Communication and Signaling 20(1), 1-17. PMID: 34980167 (REVIEW)	2022	Cell Communication and Signaling 20(1), 1-17. PMID: 34980167 (REVIEW)	Cell Communication and Signaling 20(1), 1-17. PMID: 34980167 (REVIEW)	<a href="#">Link</a>
42	Firdous Ahmad Khanday	Pro-oxidant vitamin C mechanistically exploits p66Shc/Rac1 GTPase pathway in inducing cytotoxicity HA Mir, R Ali, ZA Wani, FA Khanday International Journal of Biological Macromolecules 205, 154-168	2022	International Journal of Biological Macromolecules 205, 154-168	International Journal of Biological Macromolecules 205, 154-168	
43	Mahboobul Hussain	37. Umar Mehraj, Irfan Ahmad Mir, Mahboob ul Hussain, Mustafa Alkhanani, Nissar Ahmad Wani, Manzoor Ahmad Mir. Adapalene and Doxorubicin Synergistically Promote Apoptosis of TNBC Cells by Hyperactivation of the ERK1/2 Pathway Through ROS Induction. Front Oncol. 2022; 12: 938052. doi: <a href="https://10.3389/fonc.2022.938052">https://10.3389/fonc.2022.938052</a>	2022	Front Oncol. 2022; 12: 938052. doi: <a href="https://10.3389/fonc.2022.938052">https://10.3389/fonc.2022.938052</a>	Front Oncol. 2022; 12: 938052. doi: <a href="https://10.3389/fonc.2022.938052">https://10.3389/fonc.2022.938052</a>	<a href="#">Link</a>



44	Raies Ahmad Qadri	54. Amin A, Lone A, Wani U M, Farooq F, Shah Ruchi, Qadri, R. A. Ala307Thr variation modulates FSHR structure and impairs its binding affinity for FSH: Implications in polycystic ovarian syndrome. Cell Biochemistry and Function, (2023) https://doi.org/10.1002/cbf.3819	2023	Cell Biochemistry and Function, (2023) https://doi.org/10.1002/cbf.3819		Cell Biochemistry and Function, (2023) https://doi.org/10.1002/cbf.3819	<a href="#">Link</a>
45	Ehtishamul Haq	A multiepitope vaccine candidate against infectious bursal disease virus using immunoinformatics-based reverse vaccinology approach	2023	Frontiers in Veterinary Science 9, 1116400		Frontiers in Veterinary Science 9, 1116400	<a href="#">Link</a>
		I Gul, A Hassan, JM Muneeb, T Akram, E Haq, RA Shah, NA Ganai, ... Frontiers in Veterinary Science 9, 1116400					
46	Ehtishamul Haq	An Investigation of the Antiviral Potential of Phytocompounds against Avian Infectious Bronchitis Virus through Template-Based Molecular Docking and Molecular Dynamics ...	2023	Viruses		Viruses	<a href="#">Link</a>
		I Gul, A Hassan, E Haq, SM Ahmad, RA Shah, NA Ganai, NA Chikan, ... Viruses 15 (4), 847					
47	Ehtishamul Haq	Combination of Caffeic Acid Phenethyl Ester and Crocin Realign Potential Molecular Markers in U87-MG Glioma Cells	2023	Current Therapeutic Research, 2023		Current Therapeutic Research, 2023	<a href="#">Link</a>
		AH Mir, MK Iqbal, MZ Bandy, HM Balkhi, E Haq Current Therapeutic Research 98, 100695					
48	Ehtishamul Haq	Scavenger receptor B1 facilitates the endocytosis of Escherichia coli via TLR4 signaling in mammary gland infection	2023	Cell Communication and Signaling (2023) 21:3		Cell Communication and Signaling (2023) 21:3	<a href="#">Link</a>
		Q Taban, SM Ahmad, PT Mumtaz, B Bhat, E Haq, S Magray, S Saleem, ... Cell Communication and Signaling 21 (1), 1-21					
49	Firdous Ahmad Khandey	Pullulan production by Aureobasidium pullulans MTCC 1991 from apple pomace and its characterization	2023	Food Bioscience Vol 51, Feb: 2023		Food Bioscience Vol 51, Feb: 2023	<a href="#">Link</a>
		SM Wani, FA Masoodi, SA Mir, FA Khanday Food Bioscience 51, 102254					
50	Mohammad Altaf Bhat	Heat-induced SIRT1-mediated H4K16ac deacetylation impairs resection and SMARCAD1 recruitment to double strand breaks	2022	Iscience, Elsevier	Yes	Elsevier	<a href="#">Link</a>
		S Chakraborty, M Singh, RK Pandita, V Singh, CSC Lo, F Leonard, ... Iscience 25 (4)					
51	Mohammad Altaf Bhat	Some important biochemical changes orchestrating flower development and senescence in Nicotiana glauca and Petunia hybrida Vilm. Flowers	2021	The Journal of Horticultural Science and Biotechnology	Yes	Taylor and Francis	<a href="#">Link</a>
52	Mohammad Altaf Bhat	Role of histone acetyltransferases MOF and Tip60 in genome stability	2021	DNA repair	Yes	Elsevier	<a href="#">Link</a>
53	Mohammad Altaf Bhat	Antagonistic relationship of NuA4 with the non-homologous end-joining machinery at DNA damage sites	2021	Plos Genetics	Yes	Public Library of Science	<a href="#">Link</a>
54	Mohammad Altaf Bhat	Autism-associated vigilin depletion impairs DNA damage repair	2021	Molecular and Cellular Biology	Yes	Taylor & Francis	<a href="#">Link</a>
55	Mohammad Altaf Bhat	Role of histone methylation in maintenance of genome integrity	2021	Genes	Yes	MDPI	<a href="#">Link</a>
56	Mohammad Altaf Bhat	Therapeutic strategies against hDOT1L as a potential drug target in MLL-rearranged leukemias	2020	Clinical epigenetics	Yes	BioMedCentral	<a href="#">Link</a>
57	Mohammad Altaf Bhat	Vigilin protein Vgl1 is required for heterochromatin-mediated gene silencing in Schizosaccharomyces pombe	2019	Journal of Biological Chemistry	Yes	Elsevier	<a href="#">Link</a>



58	Ajazul H Wani	Disruption of polyhomeotic polymerization decreases nucleosome occupancy and alters genome accessibility	2023	Life Science Alliance	Yes	Life Science Alliance	<a href="#">Link</a>
59	Altaf Bhat	Heat-induced SIRT1-mediated H4K16ac deacetylation impairs resection and SMARCD1 recruitment to double strand breaks	2022	Iscience 25(4)			<a href="#">Link</a>
60	Altaf Bhat	DNA Methylation of ABC trasporters differs in native and non-native populations of Conyza caandensis L. AT Shah, ZA Reshi, M.Altaf	2022	Frontiers in Ecology and Evolution			<a href="#">Link</a>
61	Firdous Ahmad Khandey	Actin Modulation regulates the alpha-1-syntrophim/p66Shc mediated redox signaling contributing to the RhoA GTPase protein activation in breast cancer cells. R Ali, HA Mir, B Bhat, RA Shah, FA Khanday, SS Bhat	2022	Frontiers in Oncology			<a href="#">Link</a>
62	Firdous Ahmad Khandey	Reactive oxygen and nitrogen species: oxidative damage and antioxidative defense mechanism in plants under abiotic stress. A Shafi, F Hassan, FA Khanday	2022	Plant Abiotic Stress Physiology			<a href="#">Link</a>
65	Firdous Ahmad Khandey	antioxidant, antipolifeartive, immunomodulatory, antimicrobial and functional properties of wild mushroom (coprinus atramentarius) $\beta$ -glucan extract as affected by $\Upsilon$ ... AA Khan, A Gani, FM Masoodi, FA	2020	Can.J.Clin. Nutr			<a href="#">Link</a>
66	Firdous Ahmad Khandey	site directed chemically modified magnetic enzymes: fabrication, improvements, biotechnological applications and future prospects.. AM Shemsi, FA Khanday, Aqurashi , A Khalil, G Guerriero, KS Siddiqui	2019	Biotechnology Advances			
67	Firdous Ahmad Khandey	syntrophins entangled in cytoskeleton meshwork: helping to hold it altogether... SS Bhat, R Ali, FA Khanday	2019	cell proliferation 52			<a href="#">Link</a>
68	Ehtishamul Haq	concoction of CAPE and crocin augments anti cancer potential and realliance the expression paradigm of p53, EGFR and PCNA in U87-MG glioma cells.. AH Mir, KI Mir, MZ Banday, HM Balkhi, E Haq	2022	scavenger receptors: diverse defenders of host homeostasis			<a href="#">Link</a>
70	Rais Ah Qadri	identification of novel inhibitors of tetranectin-plasminogen interaction to suppress breast cancer invasion: an interagated computational and cell based investigation.. A Amin, A Lone, F Farooq,UM Wani, F Kawoosa, RA Qadri	2023	journal of biomolecular structure and dynamics			doi: 10.1080/07391102.2023.2187228.
71	Ehtishamul Haq	research article machine learning-based ensemble model for zika virus T-cell epitope prediction.. SNH Bukhari, A Jain, E Haq, MA Khder, R Neware, J Bholra, ML Najafi	2021				<a href="#">Link</a>
72	Rais Ah Qadri	evaluation of free radical quenching, anti-inflammatory activity together with anticancer potential of Lychnis coronaria and characterization of novel molecules from...SA Ganai, MA Mir, BA Shah, RA Qadri, AH Wani, S Rajmanikandan,..	2023	journal of biomolecular structure and dynamics			<a href="#">Link</a>
72	Rais Ah Qadri	dissection of paracrine/autocrine interplay in lung tumor microenvironment mimicking cancer cell-monocyte co-culture models reveals proteins that promote inflammation and... A Amin, AM Koul, UM Wani, F Farooq , B Amin, Z Wani, A Lone, A Qadri...	2023	BMC Cancer			<a href="#">Link</a>
73	Rais Ah Qadri	shielding and nurturing: fibronectin as a modulator of cancer drug resistance. F Farooq, A Amin, UM Wani, A Lone, RA Qadri	2023	journal of cellular physiology			<a href="#">Link</a>
74	Rais Ah Qadri	in Vitro potent anticancer, antifungal, and antioxidant efficacy of walnut (Juglans regia L.) genotypes. T Ara, S Shafi, M Ghazwani, JI Mir, AH Shah, RA Qadri, AR Hakami..	2023	agronomy			<a href="#">Link</a>
75	Rais Ah Qadri	isolation of high quality RNA for high throughput applications from secondary metabolite rich Crocus sativus L. UM Wani, ZA Wani, AM Koul, A Amin, BA Shah, F Farooq, RA Qadri	2022	BMC reseacrh notes			<a href="#">Link</a>



77	Rais Ah Qadri	REV3L single nucleotide variants lead to increased susceptibility towards non-small cell lung cancer in the population of jammu and kashmir.. RS Jamwal, N Mahajan, GR Bhat, A Bhat, R Shah, S Verma, M	2021	cancer epidemiology			
78	Rais Ah Qadri	genetic analysis of colorectal carcinoma using high throughput single nucleotide polymorphism genotyping technique within the population of jammu and kashmir.. B Sharma, S Angurana, A Bhat, S Verma, D Bakshi, GR Bhat, RS Jamwal,..	2021	molecular biology reports			<a href="#">Link</a>
79	Rais Ah Qadri	analysis of genetic variation in circadian rhythm genes and risk of ovarian cancer. S Verma, A Bhat, G Chander, GR Bhat, D Bakshi, B	2021				<a href="#">Link</a>
80	Rais Ah Qadri	role of paired Box 5 (PAX 5) genetic variant in the development and progression of leukemia. A Bhat, M Pandita, S Hakeem, GR Bhat, S Verma, G Chander...	2021				<a href="#">Link</a>
81	Rais Ah Qadri	D224V and S128Y mutation in FSHR ed influence thumb movement differentially: an intricate insight gained by short-term molecular dynamics simulation. FR Gharemirshamlu, M Afsar, TA Mokhdomi, A	2019	journal of cellular biochemistry			
82	khalid majid fazili	the Bcl-2 family protein bid interacts with the ER stress sensor IRE 1 to differentially modulate its Rnase activity.. S Bashir, M Bbanday, O Qadri, D Pal, A Bashir, N Hilal, M Altaf, KM Fazili	2023	FEBS letters			<a href="#">Link</a>
83	khalid majid fazili	Unveiling the Anti-cancer Potential of Bergenia ciliata (haw.) Sternb: A Mechanistic Study on UPR Modulation and ROS Generation	2023	journal of biologically active products from nature			<a href="#">Link</a>
84	khalid majid fazili	Furin-cleavage site is present in a short loop between an antiparallel $\beta$ -strand in SARS-CoV2 Spike protein at S1/S2 junction	2023	micro publication biology			<a href="#">Link</a>
85	khalid majid fazili	Quaternary structure analysis of IRE1 S Bashir, D Pal, O Qadri, M Bbanday, K Fazili	2023	micropublication bology			<a href="#">Link</a>
86	khalid majid fazili	Microcystis sp. AE03 strain in Dal Lake harbors cylindrospermopsin and microcystin synthetase gene cluster	2023	Fronteirsbin sustainable food systems			<a href="#">Link</a>
		F Bashir, A Bashir, VD Rajput, N Bouaïcha, KM Fazili, S Adhikari, Y Negi, T Minkina...					
87	khalid majid fazili	Overexpression of the Mitochondrial Malic Enzyme Genes (malC and malD) Improved the Lipid Accumulation in Mucor circinelloides WJ11	2022	frontiers in microbiology			<a href="#">Link</a>
		ABA Fazili, AM Shah, MF Albeshr, T Naz, MA Dar, W Yang, V Garre, KM Fazili, EA Bhat...					
88	khalid majid fazili	Role of human organic cation transporter-1 (OCT-1/SLC22A1) in modulating the response to metformin in patients with type 2 diabetes	2022	BMC Endocrine Disorders			doi.org/10.1186/s12902-022-01033-3
		F Kawoosa, ZA Shah, SR Masoodi, A Amin, R Rasool, KM Fazili, AH Dar, A Lone...					
89	khalid majid fazili	First Report of Microcystin and Cylindrospermopsin in the Dal Lake, Kashmir: In-Silico Bioactivity Analysis of Cyanotoxins	2022	Asian journal of organic and medicinal chemistry			<a href="#">Link</a>
90	khalid majid fazili	Proteolysis dependent cell cycle regulation in Caulobacter crescentus	2022	cell division			doi.org/10.1186/s13008-022-00078-z
		NI Fatima, KM Fazili, NH Bhat					
91	khalid majid fazili	sMEK1 promotes crosstalk between IRE1 and Akt signalling pathways: Evidence for a novel IRE1/sMEK1/Akt complex	2021	bioRxiv			doi.org/10.1101/2021.07.09.451832
		O Qadri, S Bashir, M Bbanday, D Pal, KM Fazili					



92	khalid majid fazili	Cancer cells are selectively eliminated through UPR driven apoptosis during 1 treatment with Aquilegia nivalis extracts 2 N Hilal, O Qadri, IA Nawchoo, S Akbar, KM Fazili	2021			<a href="#">Link</a>
93	Khalid majid fazili	Clinical manifestations of hyperandrogenism and ovulatory dysfunction are not associated with his1058 C/T SNP (rs1799817) polymorphism of insulin receptor gene ... SUA Rasool, S Ashraf, M Nabi, SR Masoodi, KM Fazili, S Amin	2021	international journal of endocrinology		<a href="#">Link</a>
94	khalid majid fazili	FASCIOSIS: UNA INFECCIÓN EMERGENTE ZONÓTICA POR TREMATODOS QUE AFECTAN AL HÍGADO-UNA REVISIÓN N Gul, H Tak, KM Fazili, TA Sofi	2020			<a href="#">Link</a>
95	Khalid majid fazili	Insulin gene VNTR class III allele is a risk factor for insulin resistance in Kashmiri women with polycystic ovary syndrome SUA Rasool, S Ashraf, M Nabi, F Rashid, SR Masoodi	2019	meta gene		<a href="#">Link</a>
96	khalid majid fazili	Elevated fasting insulin is associated with cardiovascular and metabolic risk in women with polycystic ovary syndrome ..., S Ashraf, M Nabi, F Rashid, KM Fazili...	2019	diabetes and metabolic syndrome: clinical research and reviews		<a href="#">Link</a>
97	khalid majid fazili	Bid as a novel interacting partner of IRE1 differentially regulating its RNase activity	2019	bioRxiv		<a href="#">Link</a>
98	khalid majid fazili	A network map of netrin receptor UNC5B-mediated signaling	2019	Journal of cell communication and signaling		doi.org/10.1007/s12079-018-0485-z
99	khalid majid fazili	Bioefficacy potential of different genotypes of walnut Juglans regia L. UN Shah, JI Mir, N Ahmed, S Jan, KM Fazili	2019	agrotechnology		<a href="#">Link</a>
100	khalid majid fazili	Impact of bioinformatics on plant science research and crop improvement A Shafi, I Zahoor, E Haq, KM Fazili	2019	essentials of bioinformatics,		<a href="#">Link</a>
101	khalid majid fazili	Bioinformatics and medicinal plant research: current scenario I Zahoor, A Shafi, KM Fazili, E Haq	2019	essentials of bioinformatics		<a href="#">Link</a>
102	KI Andrabi	MTORC2 is a physiological hydrophobic motif kinase of S6 Kinase 1	2023	biochim Biophys Acta Mol Cell Res		<a href="#">Link</a>
103	KI Andrabi	Expanding the view of the molecular mechanisms of autophagy ST Majeed, R Majeed, KI Andrabi	2022	cell physiol		<a href="#">Link</a>
104	KI Andrabi	Ectopic expression of a novel cold-resistance protein 1 from Brassica oleracea promotes tolerance to chilling stress in transgenic tomato ..., ST Majeed, V Raja, ZA Wani, N Jan, KI Andrabi...	2021	scientific reports		doi.org/10.1038/s41598-021-96102-3
105	KI Andrabi	MYP2 locus genes: Sequence variations, genetic association studies and haplotypic association in patients with High Myopia ..., R Dar, MS Khan, SG Ayoub, S Rashid, MU Rehman, T Jan, MA Qureshi, KI Andrabi	2021			
106	KI Andrabi	Improved pulmonary function test (PFT) after 1 one year of Sublingual Immunotherapy (SLIT) in unison with pharmacotherapy in mild allergic asthmatics ..., R Rasool, F Kawoosa, R Rashid, KI Andrabi	2021	immunol Lett.		<a href="#">Link</a>



