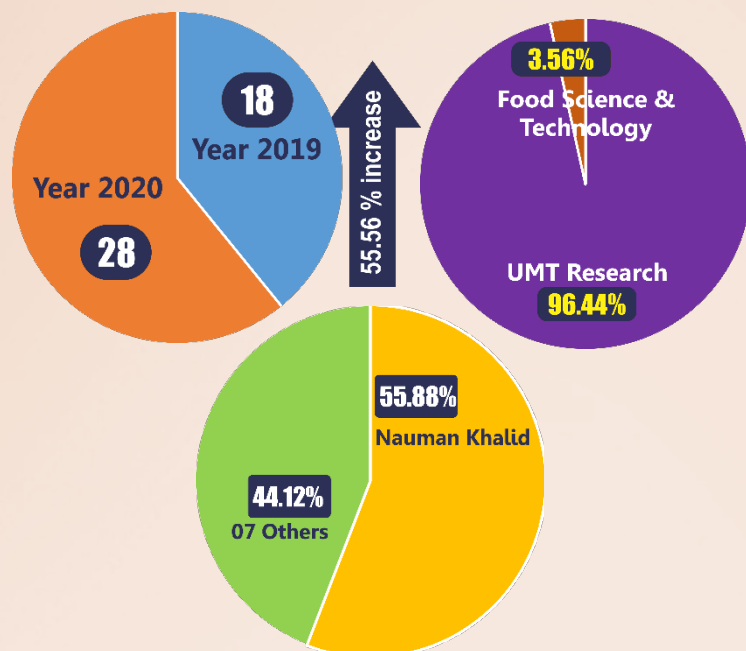


# Department of Food and Agricultural Sciences



Publications  
**28**

JCR: 27  
SJR: 00  
HEC: 00

- Ma, Z., Zhao, Y., Khalid, N., Shu, G., Neves, M. A., Kobayashi, I., & Nakajima, M. (2020). Comparative study of oil-in-water emulsions encapsulating fucoxanthin formulated by microchannel emulsification and high-pressure homogenization. *Food Hydrocolloids*, 108, 105977. doi: 10.1016/j.foodhyd.2020.105977. (Nauman Khalid) WoS / JCR (IF: 7.053)
- Khan, F., Iqbal, S., Khalid, N., Hussain, I., Hussain, Z., Szmigielski, R., & Janjua, H. A. (2020). Screening and stability testing of commercially applicable *Heliotropium crispum* silver nanoparticle formulation with control over aging and biostability. *Applied Nanoscience*, 10(6), 1941-1956. doi: 10.1007/s13204-020-01333-x. (Nauman Khalid) WoS / JCR (IF: 2.880)
- Amin, A., Ahmed, I., Khalid, N., Khan, I. U., Ali, A., Dahlawi, S. M., & Li, W.-J. (2020). Insights on comparative bacterial diversity between different arid zones of Cholistan Desert, Pakistan. *3 Biotech*, 10(5), 224. doi: 10.1007/s13205-020-02204-6. (Nauman Khalid) WoS / JCR (IF: 1.798)
- Collaborators, L. D. B. o. M. (2020). Mapping local patterns of childhood overweight and wasting in low-and middle-income countries between 2000 and 2017. *Nature medicine*, 26(5), 750-759. (Nauman Khalid) WoS / JCR (IF: 36.130)
- Lara, G. R., Uemura, K., Khalid, N., Kobayashi, I., Takahashi, C., Nakajima, M., & Neves, M. A. (2020). Layer-by-layer electrostatic deposition of edible coatings for enhancing the storage stability of fresh-cut lotus root (*Nelumbo nucifera*). *Food and Bioprocess Technology*, 13(4), 722-726. doi: 10.1007/s11947-020-02410-3. (Nauman Khalid) WoS / JCR (IF: 3.356)
- Khan, S. (2020). Plague of Smog in Lahore, Pakistan: A Choking Situation. *Asia Pacific Journal of Public Health*, 32(2-3), 133-133. doi: 10.1177/1010539520917814. (Sipper Khan) WoS / JCR (IF: 1.255)
- Ishaq, A., Rahman, U. u., Sahar, A., Perveen, R., Deering, A. J., Khalil, A. A., . . . Siddique, U. (2020). Potentiality of analytical approaches to determine gelatin authenticity in food systems: A review. *LWT- food science and technology*, 121, 108968. doi: 10.1016/j.lwt.2019.108968. (Ubaid ur Rahman) WoS / JCR (IF: 4.006)
- Taarji, N., Vodo, S., Bouhoute, M., Khalid, N., Hafidi, A., Kobayashi, I., . . . Nakajima, M. (2020). Preparation of monodisperse O/W emulsions using a crude surface-active extract from argan by-products in microchannel emulsification. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, 585, 124050. doi: 10.1016/j.colsurfa.2019.124050. (Nauman Khalid) WoS / JCR (IF: 3.990)

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<b>JCR (Impact factor):</b>	<b>27</b>
<b>Scopus (SJR):</b>	<b>00</b>
<b>HEC Recognized:</b>	<b>00</b>
<b>UMT Journals</b>	<b>00</b>
<b>Conference Papers:</b>	<b>00</b>
<b>Books/ Book Chapters</b>	<b>01</b>

9. Rafiq, L., Zahoor, T., Sagheer, A., Khalid, N., Rahman, U. U., & Liaqat, A. (2020). Augmenting yogurt quality attributes through hydrocolloidal gums. *Asian-Australasian journal of animal sciences*, 33(2), 323-331.

doi: 10.5713/ajas.18.0218.

**(Ubaid ur Rahman) WoS / JCR (IF: 1.664)**

10. Melanie, H., Taarji, N., Zhao, Y., Khalid, N., Neves, M. A., Kobayashi, I., . . . Nakajima, M. (2020). Formulation and characterisation of O/W emulsions stabilised with modified seaweed polysaccharides. *International Journal of Food Science & Technology*, 55(1), 211-221.

doi: 10.1111/ijfs.14264.

**(Nauman Khalid) WoS / JCR (IF: 2.773)**

11. Ishaq, A., Ebner, P. D., Syed, Q. A., & Ubaid-ur-Rahman, H. (2020). Employing list-shield bacteriophage as a bio-control intervention for *Listeria monocytogenes* from raw beef surface and maintain meat quality during refrigeration storage. *LWT*, 132, 109784.

doi: 10.1016/j.lwt.2020.109784.

**(Ubaid-ur-Rahman) WoS / JCR (IF: 4.006)**

12. Iqbal, R., Mehmood, Z., Baig, A., & Khalid, N. (2020). Formulation and characterization of food grade O/W nanoemulsions encapsulating quercetin and curcumin: Insights on enhancing solubility characteristics. *Food and Bioprocess Processing*, 123, 304-311.

doi: 10.1016/j.fbp.2020.07.013.

**(Rashid Iqbal, Nauman Khalid) WoS / JCR (IF: 3.726)**

13. Reiner, R. C., Wiens, K. E., Deshpande, A., Baumann, M. M., Lindstedt, P. A., Khalid, N., . . . Hay, S. I. (2020). Mapping geographical inequalities in childhood diarrhoeal morbidity and mortality in low-income and middle-income countries, 2000–17: analysis for the Global Burden of Disease Study 2017. *The Lancet*, 395(10239), 1779-1801.

doi: 10.1016/S0140-6736(20)30114-8.

**(Nauman Khalid) WoS / JCR (IF: 60.392)**

14. Tsogtoo, B., Taarji, N., Melanie, H., Khalid, N., . . . Nakajima, M. (2020). Emulsion-based extraction of  $\beta$ -sitosterol and carotenoids from sea buckthorn (*Hippophae rhamnoides*) pomace. *International Food Research Journal*, 27(1), 55-65.

**(Nauman Khalid) WoS / JCR (IF: 0.610)**

15. Sadiq, S., Rana, N. F., Zahid, M. A., Zargaham, M. K., Tanweer, T., Batool, A., Naeem, A., Nawaz, A., Rizwan-Ur-Rehman, Muneer, Z., & Siddiqi, A. R. (2020). Virtual Screening of FDA-Approved Drugs against LasR of *Pseudomonas aeruginosa* for Antibiofilm Potential. *Molecules (Basel, Switzerland)*, 25(16), 3723.

doi: 10.3390/molecules25163723.

**(Rizwan-ur-Rehman) WoS / JCR (IF: 3.267)**

16. Dahlawi, S. M., Nazir, W., Iqbal, R., Asghar, W., & Khalid, N. (2020). Formulation and characterization of oil-in-water nanoemulsions stabilized by crude saponins isolated from onion skin waste. *RSC Advances*, 10(65), 39700-39707.

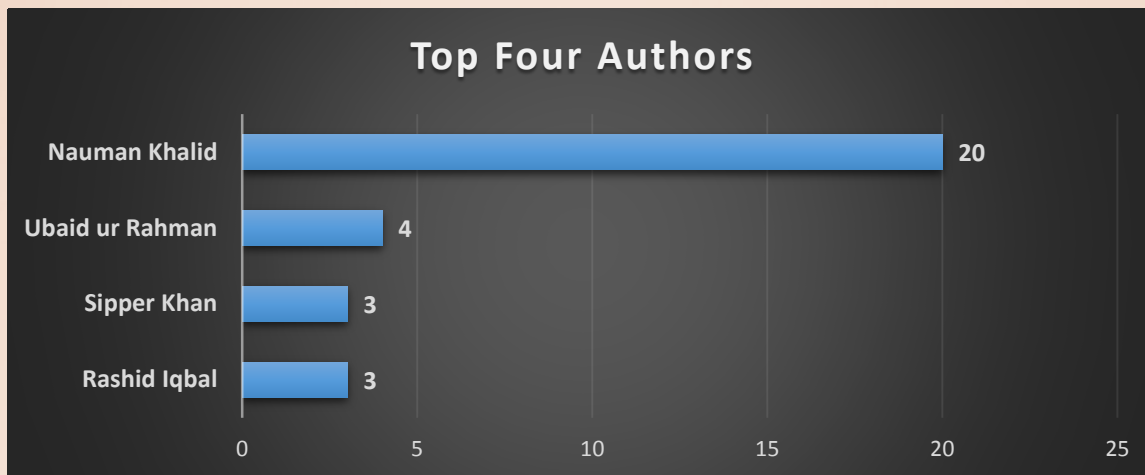
doi: 10.1039/d0ra07756a.

**(Wahab Nazir, Rashid Iqbal, Waqas Asghar) WoS / JCR**

**(IF: 3.119)**

**Highest Impact Factor, Nauman Khalid 60.392**

17. Vos, T., Lim, S. S., Abbafati, C., Abbas, K. M., Abbasi, M., Khalid, N., . . . Murray, C. J. L. (2020). Global burden of 369 diseases and injuries in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019 *The Lancet*, 396(10258), 1204-1222. doi: 10.1016/S0140-6736(20)30925-9.  
**(Nauman Khalid) WoS / JCR (IF: 59.102)**
18. Wang, H., Abbas, K. M., Abbasifard, M., Abbasi-Kangevari, M., Abbastabar, H., Khalid, N., . . . Murray, C. J. L.(2020). Global age-sex-specific fertility, mortality, healthy life expectancy (HALE), and population estimates in 204 countries and territories, 1950–2019: a comprehensive demographic analysis for the Global Burden of Disease Study 2019. *The Lancet*, 396(10258), 1160-1203. doi: 10.1016/S0140-6736(20)30977-6.  
**(Nauman Khalid) WoS / JCR (IF: 59.102)**
19. Murray, C. J. L., Abbafati, C., Abbas, K. M., Abbasi, M., Abbasi-Kangevari, M., Khalid, N., . . . Lim, S. S. (2020). Five insights from the global burden of disease study 2019. *The Lancet*, 396(10258), 1135-1159. doi: 10.1016/S0140-6736(20)31404-5.  
**(Nauman Khalid) WoS / JCR (IF: 59.102)**
20. Murray, C. J. L., Aravkin, A. Y., Zheng, P., Abbafati, C., Abbas, K. M., Khalid, N., . . . Lim, S. S. (2020). Global burden of 87 risk factors in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019. *The Lancet*, 396(10258), 1223-1249. doi: 10.1016/S0140-6736(20)30752-2.  
**(Nauman Khalid) WoS / JCR (IF: 59.102)**
21. James, S. L., Castle, C. D., Dingels, Z. V., Fox, J. T., Hamilton, E. B., Khalid, N., . . . Vos, T. (2020). Estimating global injuries morbidity and mortality: methods and data used in the Global Burden of Disease 2017 study. *Injury Prevention*, 26(Supp 1), i125-i153. doi: 10.1136/injuryprev-2019-043531.  
**(Nauman Khalid) WoS / JCR (IF: 59.102)**
22. James, S. L., Castle, C. D., Dingels, Z. V., Fox, J. T., Hamilton, E. B., Khalid, N., . . . Vos, T. (2020). Estimating global injuries morbidity and mortality: methods and data used in the Global Burden of Disease 2017 study. *Injury Prevention*, 26(Supp 1), i96-i114. doi: 10.1136/injuryprev-2019-043494.  
**(Nauman Khalid) WoS / JCR (IF: 59.102)**
23. Haagsma, J. A., James, S. L., Castle, C. D., Dingels, Z. V., Fox, J. T., Khalid, N., . . . Vos, T. (2020). Burden of injury along the development spectrum: associations between the Socio-demographic Index and disability-adjusted life year estimates from the Global Burden of Disease Study 2017. *Injury Prevention*, 26(Supp 1), i12-i26. doi:10.1136/injuryprev-2019-043296.  
**(Nauman Khalid) WoS / JCR (IF: 2.191)**
24. Wiens, K. E., Lindstedt, P. A., Blacker, B. F., Johnson, K. B., Baumann, M. M., Khalid, N., . . . Reiner, R. C. (2020). Mapping geographical inequalities in oral rehydration therapy coverage in low-income and middle-income countries, 2000–17. *The Lancet Global Health*, 8(8), e1038-e1060. doi: 10.1016/S2214-109X(20)30230-8.  
**(Nauman Khalid) WoS / JCR (IF: 21.597)**
25. Deshpande, A., Miller-Petrie, M. K., Lindstedt, P. A., Baumann, M. M., Johnson, K. B., Khalid, N., . . . Reiner, R. C.(2020). Mapping geographical inequalities in access to drinking water and sanitation facilities in low-income and middle-income countries, 2000–17. *The Lancet Global Health*, 8(9), e1162-e1185. doi: 10.1016/S2214-109X(20)30278-3.  
**(Nauman Khalid) WoS / JCR (IF: 21.597)**
26. Boukria, O., El Hadrami, E. M., Sameen, A., Sahar, A., Khan, S., Safarov, J., . . . Aït-Kaddour, A. (2020). Biochemical, Physicochemical and Sensory Properties of Yoghurts Made from Mixing Milks of Different Mammalian Species. *Foods*, 9(11), 1722.  
**(Sipper Khan) WoS / JCR (IF: 4.092)**
27. Syed, Q. A., Rashid, Z., Ahmad, M. H., Shukat, R., Ishaq, A., Muhammad, N., & Rahman, H. U. U. (2020). Nutritional and therapeutic properties of fenugreek (*Trigonella foenum-graecum*): a review. *International Journal of Food Properties*, 23(1), 1777-1791. doi: 10.1080/10942912.2020.1825482.  
**(Ubaid Ur Rahman) WoS / JCR (IF: 1.808)**



## Books/Book Chapters

1. Khan, S., Iqbal, R., Khan, R. S., & Khalid, N. (2020). Bioavailability of nanoencapsulated food bioactives. In S. M. Jafari (Ed.), *Release and Bioavailability of Nanoencapsulated Food Ingredients* (Vol. 5, pp. 449-481): Academic Press. **(Sipper Khan, Rashid Iqbal, Rao Sanaullah Khan, Nauman Khalid)**