

Publications in 2020

The IF of journal is based on ISI Web of Knowledge Journal Citation Report® 2019.

(a) Journal

	With SKL affiliation	Professor	Author, title, journal name, year of publication and page number	IF	Rank in Category	
1.	No	CHAN Ting Fung	Chim, S.S.C., Chan, T.F. and Leung, T.Y. (2020). Whole-transcriptome analysis of maternal blood for identification of RNA markers for predicting spontaneous preterm birth among preterm labour women: abridged secondary publication. <i>Hong Kong Medical Journal</i> 26 Suppl 6(6): 20-23.	1.679	84/165	Medicine, General & Internal
2.	Yes	CHAN Ting Fung	Chow, E.Y.C., Lyu, K.X., Kwok, C.K. and Chan, T.F. (2020). rG4-seeker enables high-confidence identification of novel and non-canonical rG4 motifs from rG4-seq experiments. <i>RNA Biology</i> 17(7): 903-917. DOI: 10.1080/15476286.2020.1740470.	5.35	48/297	Biochemistry & Molecular Biology
3.	Yes	CHAN Ting Fung	Lai, K.P., Cheung, A., Ho, C.H., Tam, N.Y.K., Li, J.W., Lin, X., Chan, T.F., Lee, N.P.Y. and Li, R. (2020). Transcriptomic analysis reveals the oncogenic role of S6K1 in hepatocellular carcinoma. <i>Journal of Cancer</i> 11(9): 2645-2655. DOI: 10.7150/jca.40726.	3.565	105/244	Oncology
4.	No	CHAN Ting Fung	Lai, K.P., Lin, X., Tam, N., Ho, J.C.H., Wong, M.K.S., Gu, J., Chan, T.F. and Tse, W.K.F. (2020). Osmotic stress induces gut microbiota community shift in fish. <i>Environmental microbiology</i> 22(9): 3784-3802. DOI: 10.1111/1462-2920.15150.	4.933	27/136	Microbiology
5.	No	CHAN Ting Fung	Lai, K.P., Tam, N., Wang, S.Y., Lin, X., Chan, T.F., Au, D.W.T., Wu, R.S.S. and Kong, R.Y.C. (2020). Hypoxia causes sex-specific hepatic toxicity at the transcriptome level in marine medaka (<i>Oryzias melastigma</i>). <i>Aquatic Toxicology</i> 224:105520. DOI: 10.1016/j.aquatox.2020.105520.	4.346	3/107 13/92	Marine & Freshwater Biology Toxicology
6.	No	CHAN Ting Fung	Li, R., Guo, C., Lin, X., Chan, T.F., Lai, K.P. and Chen, J. (2020). Integrative omics analyses uncover the mechanism underlying the immunotoxicity of perfluorooctanesulfonate in human lymphocytes. <i>Chemosphere</i> 256:127062. DOI: 10.1016/j.chemosphere.2020.127062.	5.778	29/265	Environmental Sciences
7.	No	CHAN Ting Fung	Li, W., Chung, C.Y.L., Wang, C.C., Chan, T.F., Leung, M.B.W., Chan, O.K., Wu, L., Appiah, K., Chaemsaitong, P., Cheng, Y.K.Y., Poon, L.C.Y. and Leung, T.Y. (2020). Monochorionic twins with selective fetal growth restriction: insight from placental whole-transcriptome analysis. <i>American Journal of Obstetrics & Gynecology</i> 223(5):749.e1-e16. DOI: 10.1016/j.ajog.2020.05.008.	6.502	2/82	Obstetrics & Gynecology

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8.	Yes	CHAN Ting Fung	Nawaz, M.A., Azeem, F., Zakharenko, A.M., Lin, X., Atif, R.M., Baloch, F.S., Chan, T.F., Chung, G., Ham, J., Sun, S. and Golokhvast, K.S. (2020). In-silico Exploration of Channel Type and Efflux Silicon Transporters and Silicification Proteins in 80 Sequenced Viridiplantae Genomes. <i>Plants-Basel</i> 9(11):1612. DOI: 10.3390/plants9111612.	2.762	58/234	Plant Sciences
9.	Yes	CHAN Ting Fung	Niu, J.J., Hu, X.L., Ip, J.C.H., Ma, K.Y., Tang, Y.Y., Wang, Y.Q., Qin, J., Qiu, J.W., Chan, T.F. and Chu, K.H. (2020). Multi-omic approach provides insights into osmoregulation and osmoconformation of the crab <i>Scylla paramamosain</i> . <i>Scientific reports</i> 10(1):21771. DOI: 10.1038/s41598-020-78351-w.	3.998	17/71	Multidisciplinary Sciences
10.	Yes	CHAN Ting Fung	Yuan, Y.X., Chung, C.Y.L. and Chan, T.F. (2020). Advances in optical mapping for genomic research. <i>Computational and Structural Biotechnology Journal</i> 18: 2051-2062. DOI: 10.1016/j.csbj.2020.07.018.	6.018	43/297	Biochemistry & Molecular Biology
11.	No	CHAN Ting Fung	Zhou, Q., Guo, H.H., Yu, C.L., Huang, X.R., Liang, L.Y., Zhang, P.H., Yu, J.W., Zhang, J.Z., Chan, T.F., Ma, R.C.W. and Lan, H.Y. (2020). Identification of Smad3-related transcriptomes in type-2 diabetic nephropathy by whole transcriptome RNA sequencing. <i>Journal of Cellular and Molecular Medicine</i> 25(4): 2052-2068. DOI: 10.1111/jcmm.16133.	4.658	69/195 36/139	Cell Biology Medicine, Research & Experimental
12.	Yes	CHYE Mee Len JIANG Liwen	Liao, P., Leung, K.P., Lung, S.C., Narayanan, S.P., Jiang, L.W. and Chye, M.L. (2020). Subcellular Localization of Rice Acyl-CoA-Binding Proteins ACBP4 and ACBP5 Supports Their Non-redundant Roles in Lipid Metabolism. <i>Frontiers in Plant Science</i> 11:331. DOI: 10.3389/fpls.2020.00331.	4.402	19/234	Plant Sciences
13.	No	CHYE Mee Len	Amiruddin, N., Chan, P.L., Azizi, N., Morris, P.E., Chan, K.L., Ong, P.W., Rosli, R., Masura, S.S., Murphy, D.J., Sambanthamurthi, R., Haslam, R.P., Chye, M.L., Harwood, J.L. and Low, E.T.L. (2020). Characterization of Oil Palm Acyl-CoA-Binding Proteins and Correlation of Their Gene Expression with Oil Synthesis. <i>Plant and Cell Physiology</i> 61(4): 735-747. DOI: 10.1093/pcp/pcz237.	4.062	25/234 81/195	Plant Sciences Cell Biology
14.	No	CHYE Mee Len	Aznar-Moreno, J.A., Venegas-Caleron, M., Du, Z.Y., Garcés, R., Tanner, J.A., Chye, M.L., Martínez-Force, E. and Salas, J.J. (2020). Characterization and function of a sunflower (<i>Helianthus annuus</i> L.) Class II acyl-CoA-binding protein. <i>Plant Science</i> 300:110630. DOI: 10.1016/j.plantsci.2020.110630.	3.591	121/294 37/234	Biochemistry & Molecular Biology Plant Sciences

	With SKI affiliation	Professor	Author, title, journal name, year of publication and page number	IF	Rank in Category	
15.	Yes	CHYE Mee Len	Jin, J., Guo, Z.H., Hao, Q. and Chye, M.L. (2020). Crystal structure of the rice acyl-CoA-binding protein OsACBP2 in complex with C18:3-CoA reveals a novel pattern of binding to acyl-CoA esters. <i>FEBS Letters</i> 594(21): 3568-3575. DOI: 10.1002/1873-3468.13923.	3.057	154/297 24/71 122/195	Biochemistry & Molecular Biology Biophysics Cell Biology
16.	Yes	CHYE Mee Len	Liao, P., Lung, S.C., Chan, W.L., Bach, T.J., Lo, C. and Chye, M.L. (2020). Overexpression of HMG-CoA synthase promotes Arabidopsis root growth and adversely affects glucosinolate biosynthesis. <i>Journal of Experimental Botany</i> 71(1): 272-289. DOI: 10.1093/jxb/erz420.	5.908	14/234	Plant Sciences
17.	No	CHYE Mee Len	Meng, W., Xu, L.J., Du, Z.Y., Wang, F., Zhang, R., Song, X.S., Lam, S.M., Shui, G.H., Li, Y.H. and Chye, M.L. (2020). RICE ACYL-COA-BINDING PROTEIN6 Affects Acyl-CoA Homeostasis and Growth in Rice. <i>Rice</i> 13(1):75. DOI: 10.1186/s12284-020-00435-y.	3.912	10/91	Agronomy
18.	Yes (in Funding acknowledgment)	CHYE Mee Len	Narayanan, S.P., Lung, S.C., Liao, P., Lo, C. and Chye, M.L. (2020). The overexpression of OsACBP5 protects transgenic rice against necrotrophic, hemibiotrophic and biotrophic pathogens. <i>Scientific Reports</i> 10(1):14918. DOI: 10.1038/s41598-020-71851-9.	3.998	17/71	Multidisciplinary Sciences
19.	No	CHYE Mee Len	Zhou, Y., Tan, W.J., Xie, L.J., Qi, H., Yang, Y.C., Huang, L.P., Lai, Y.X., Tan, Y.F., Zhou, D.M., Yu, L.J., Chen, Q.F., Chye, M.L. and Xiao, S. (2020). Polyunsaturated linolenoyl-CoA modulates ERF-VII-mediated hypoxia signaling in Arabidopsis. <i>Journal of Integrative Plant Biology</i> 62(3): 330-348. DOI: 10.1111/jipb.12875.	4.885	61/297 17/234	Biochemistry & Molecular Biology Plant Sciences
20.	Yes	GUO Dianjing	Dai, W.X., Li, L. and Guo, D.J. (2020). Integrating bioassay data for improved prediction of drug-target interaction. <i>Biophysical Chemistry</i> 266:106455. DOI: 10.1016/j.bpc.2020.106455.	1.995	230/294 50/71 107/159	Biochemistry & Molecular Biology Biophysics Chemistry, Physical
21.	Yes	GUO Dianjing	Wei, Y.Z., Zhou, L.M., Huang, Y.Z. and Guo, D.J. (2020). Integrated Dissection of lncRNA-Perturbed Triplets Reveals Novel Prognostic Signatures Across Cancer Types. <i>International Journal of Molecular Sciences</i> 21(17): 6087. DOI: 10.3390/ijms21176087.	4.556	74/297 48/177	Biochemistry & Molecular Biology Chemistry, Multidisciplinary
22.	Yes	GUO Dianjing	Zhang, Y. and Guo, D.J. (2020). Epigenetic Variation Analysis Leads to Biomarker Discovery in Gastric Adenocarcinoma. <i>Frontiers in Genetics</i> 11:551787. DOI: 10.3389/fgene.2020.551787.	3.26	75/178	Genetics & Heredity

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23.	Yes	HE Junxian	Ji, Z.L., Yu, M.H., Ding, Y.Y., Li, J., Zhu, F., *He, J.X. and *Yang, L.N. (2020). Coiled-Coil N21 of HpaI in <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> Promotes Plant Growth, Disease Resistance and Drought Tolerance in Non-Hosts via Eliciting HR and Regulation of Multiple Defense Response Genes. <i>International Journal of Molecular Science</i> 22(1). DOI: 10.3390/ijms22010203.	4.556	74/297 48/177	Biochemistry & Molecular Biology Chemistry, Multidisciplinary
24.	Yes	HE Junxian	Jiang, G.X., Zeng, J., Li, Z.W., Song, Y.B., Yan, H.L., He, J.X., Jiang, Y.M. and Duan, X.W. (2020). Redox Regulation of the NOR Transcription Factor Is Involved in the Regulation of Fruit Ripening in Tomato(1). <i>Plant Physiology</i> 183(2): 671-685. DOI: 10.1104/pp.20.00070.	6.902	10/234	Plant Sciences
25.	Yes	HUI Ho Lam Jerome	*Bendena, W.G., *Hui, J.H.L. and *Tobe, S.S. (2020). International symposium for comparative endocrinology and genomics in arthropods. <i>General and Comparative Endocrinology</i> 299:113622. DOI: 10.1016/j.ygcen.2020.113622.	2.428	102/143	Endocrinology & Metabolism
26.	Yes	HUI Ho Lam Jerome	Bendena, W.G., Hui, J.H.L., Chin-Sang, I. and Tobe, S.S. (2020). Neuropeptide and microRNA regulators of juvenile hormone production. <i>General and Comparative Endocrinology</i> 295:113507. DOI: 10.1016/j.ygcen.2020.113507.	2.428	102/143	Endocrinology & Metabolism
27.	Yes	HUI Ho Lam Jerome	Huang, E.Y.Y., Wong, A.Y.P., Lee, I.H.T., Qu, Z., Yip, H.Y., Leung, C.W., Yin, S.M. and Hui, J.H.L. (2020). Infection patterns of dengue, Zika and endosymbiont Wolbachia in the mosquito <i>Aedes albopictus</i> in Hong Kong. <i>Parasites & Vectors</i> 13(1): 361. DOI: 10.1186/s13071-020-04231-x.	2.824	9/38 3/23	Parasitology Tropical Medicine
28.	Yes	HUI Ho Lam Jerome	Li, Y.Q., Nong, W.Y., Baril, T., Yip, H.Y., Swale, T., Hayward, A., Ferrier, D.E.K. and Hui, J.H.L. (2020). Reconstruction of ancient homeobox gene linkages inferred from a new high-quality assembly of the Hong Kong oyster (<i>Magallana hongkongensis</i>) genome. <i>BMC Genomics</i> 21(1): 713. DOI: 10.1186/s12864-020-07027-6.	3.594	43/156 57/178	Biotechnology & Applied Microbiology Genetics & Heredity
29.	Yes	HUI Ho Lam Jerome	Lin, D.T., Zeng, X., Sanogo, B., He, P., Xiang, S.Y., Du, S.L., Zhang, Y.H., Wang, L.F., Wan, S., Zeng, X.D., Yang, Y., Lv, Z.Y., Liang, Y.S., Deng, Z.H., Hui, J.H.L., Yuan, D.J., Ding, T., Wu, Z.D. and Sun, X. (2020). The potential risk of <i>Schistosoma mansoni</i> transmission by the invasive freshwater snail <i>Biomphalaria straminea</i> in South China. <i>Plos Neglected Tropical Diseases</i> 14(6): ARTN e0008310. DOI: 10.1371/journal.pntd.0008310.	3.885	5/38 1/23	Parasitology Tropical Medicine
30.	Yes	HUI Ho Lam Jerome	Ng, H.M., Ho, J.C.H., Nong, W.Y., Hui, J.H.L., Lai, K.P. and Wong, C.K.C. (2020). Genome-wide analysis of MicroRNA-messenger RNA interactome in ex-vivo gill filaments, <i>Anguilla japonica</i> . <i>BMC Genomics</i> 21(1):208. DOI: 10.1186/s12864-020-6630-0.	3.594	43/156 57/178	Biotechnology & Applied Microbiology Genetics & Heredity

	With SKI affiliation	Professor	Author, title, journal name, year of publication and page number	IF	Rank in Category	
31.	Yes	HUI Ho Lam Jerome	Nong, W., Law, S.T.S., Wong, A.Y.P., Baril, T., Swale, T., Chu, L.M., Hayward, A., Lau, D.T.W. and Hui, J.H.L. (2020). Chromosomal-level reference genome of the incense tree <i>Aquilaria sinensis</i> . <i>Molecular Ecology Resources</i> 20(4): 971-979. DOI: 10.1111/1755-0998.13154.	6.286	40/297 13/169 6/51	Biochemistry & Molecular Biology Ecology Evolutionary Biology
32.	Yes	HUI Ho Lam Jerome	Qu, Z., Nong, W.Y., Yu, Y.F., Baril, T., Yip, H.Y., Hayward, A. and Hui, J.H.L. (2020). Genome of the four-finger threadfin <i>Eleutheronema tetradactylum</i> (Perciformes: Polynemidae). <i>BMC Genomics</i> 21(1):726. DOI: 10.1186/s12864-020-07145-1.	3.594	43/156 57/178	Biotechnology & Applied Microbiology Genetics & Heredity
33.	Yes	HUI Ho Lam Jerome	Tsang, S.S.K., Law, S.T.S., Li, C.D., Qu, Z., Bendena, W.G., Tobe, S.S. and Hui, J.H.L. (2020). Diversity of Insect Sesquiterpenoid Regulation. <i>Frontiers in Genetics</i> 11:1027. DOI: 10.3389/fgene.2020.01027.	3.26	75/178	Genetics & Heredity
34.	Yes	HUI Ho Lam Jerome CHAN Ting Fung LAM Hon-Ming	Boncan, D.A.T., Tsang, S.S.K., Li, C.D., Lee, I.H.T., Lam, H.M., Chan, T.F. and Hui, J.H.L. (2020). Terpenes and Terpenoids in Plants: Interactions with Environment and Insects. <i>International Journal of Molecular Sciences</i> 21(19):7382. DOI: 10.3390/ijms21197382.	4.556	74/297 48/177	Biochemistry & Molecular Biology Chemistry, Multidisciplinary
35.	Yes	HUI Ho Lam Jerome CHAN Ting Fung NAGI Sai Ming	Nong, W.Y., Cao, J.Q., Li, Y.Q., Qu, Z., Sun, J., Swale, T., Yip, H.Y., Qian, P.Y., Qiu, J.W., Kwan, H.S., Bendena, W., Tobe, S., Chan, T.F., Yip, K.Y., Chu, K.H., Ngai, S.M., Tsim, K.Y., Holland, P.W.H. and Hui, J.H.L. (2020). Jellyfish genomes reveal distinct homeobox gene clusters and conservation of small RNA processing. <i>Nature communications</i> 11(1). DOI: 10.1038/s41467-020-16801-9.	12.121	6/71	Multidisciplinary Sciences
36.	Yes	HUI Ho Lam Jerome CHAN Ting Fung NGAI Sai Ming	Qu, Z., Nong, W.Y., So, W.L., Barton-Owen, T., Li, Y.Q., Leung, T.C.N., Li, C.D., Baril, T., Wong, A.Y.P., Swale, T., Chan, T.F., Hayward, A., Ngai, S.M. and Hui, J.H.L. (2020). Millipede genomes reveal unique adaptations during myriapod evolution. <i>Plos Biology</i> 18(9):e3000636 DOI: 10.1371/journal.pbio.3000636.	7.076	34/297 6/93	Biochemistry & Molecular Biology Biology
37.	Yes	HUI Ho Lam Jerome CHAN Ting Fung ZHONG Silin	Zhe, Q., Yiu, W.C., Yip, H.Y., Nong, W.Y., Yu, C.W.C., Lee, I.H.T., Wong, A.Y.P., Wong, N.W.Y., Cheung, F.K.M., Chan, T.F., Lau, K.F., Zhong, S.L., Chu, K.H., Tobe, S.S., Ferrier, D.E.K., Bendena, W.G. and Hui, J.H.L. (2020). Micro-RNA Clusters Integrate Evolutionary Constraints on Expression and Target Affinities: The miR-6/5/4/286/3/309 Cluster in <i>Drosophila</i> . <i>Molecular Biology and Evolution</i> 37(10): 2955-2965. DOI: 10.1093/molbev/msaa146.	11.062	18/297 4/51 7/178	Biochemistry & Molecular Biology Evolutionary Biology Genetics & Heredity

	With SKI affiliation	Professor	Author, title, journal name, year of publication and page number	IF	Rank in Category	
38.	Yes	HUI Ho Lam Jerome NGAI Sai Ming	Qu, Z., Leung, T.C.N., Nong, W.Y., Yip, H.Y., Lee, I.H.T., Cheung, S.G., Ming, N.S., So, W.L., Bendena, W.G., Tobe, S.S. and Hui, J.H.L. (2020). Hemolymph Proteomics and Gut Microbiota of Horseshoe Crabs <i>Tachypleus tridentatus</i> and <i>Carcinoscorpius rotundicauda</i> . <i>Frontiers in Marine Science</i> 7:579706.DOI: 10.3389/fmars.2020.579706.	3.661	8/107	Marine & Freshwater Biology
39.	Yes	JIANG Liwen	Cheng, L., Zeng, Y., Hu, S., Zhang, N., Cheung, K.C.P., Li, B., Leung, K.S. and Jiang, L. (2020). Systematic prediction of autophagy-related proteins using <i>Arabidopsis thaliana</i> interactome data <i>Plant Journal</i> in press. DOI: 10.1111/tpj.15065.	6.141	13/234	Plant Sciences
40.	Yes	JIANG Liwen	Cheung, K.C.P., Fanti, S., Mauro, C., Wang, G.S., Nair, A.S., Fu, H.M., Angeletti, S., Spoto, S., Fogolari, M., Romano, F., Aksentijevic, D., Liu, W.W., Li, B.Y., Cheng, L.X., Jiang, L.W., Vuononvirta, J., Poobalasingam, T.R., Smith, D.M., Ciccozzi, M., Solito, E. and Marelli-Berg, F.M. (2020). Preservation of microvascular barrier function requires CD31 receptor-induced metabolic reprogramming. <i>Nature Communications</i> 11(1):3595. DOI: 10.1038/s41467-020-17329-8.	12.121	6/71	Multidisciplinary Sciences
41.	Yes	JIANG Liwen	Cui, Y., Zhao, Q., Hu, S. and Jiang, L.W. (2020). Vacuole Biogenesis in Plants: How Many Vacuoles, How Many Models? <i>Trends in Plant Science</i> 25(6): 538-548.DOI: 10.1016/j.tplants.2020.01.008.	14.416	2/234	Plant Sciences
42.	Yes	JIANG Liwen	Delgadillo, M.O., Ruano, G., Zouhar, J., Sauer, M., Shen, J.B., Lazarova, A., Sanmartin, M., Lai, L.T.F., Deng, C.S., Wang, P.W., Hussey, P.J., Sanchez-Serrano, J.J., Jiang, L.W. and Rojo, E. (2020). MTV proteins unveil ER- and microtubule-associated compartments in the plant vacuolar trafficking pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> 117(18): 9884-9895.DOI: 10.1073/pnas.1919820117.	9.412	8/71	Multidisciplinary Sciences
43.	Yes	JIANG Liwen	Lin, Y.S., Guo, R.F., Ji, C.Y., Zhou, J. and Jiang, L.W. (2020). New insights into AtNBR1 as a selective autophagy cargo receptor in <i>Arabidopsis</i> . <i>Plant Signaling & Behavior</i> 16(1):1839226. DOI: 10.1080/15592324.2020.1839226.	1.671	250/297 108/234	Biochemistry & Molecular Biology Plant Sciences
44.	Yes	JIANG Liwen	Liu, Z., Gao, J., Cui, Y., Klumpe, S., Erdmann, P.S. and Jiang, L. (2020). Membrane Imaging in the Plant Endomembrane System. <i>Plant Physiology</i> (in press). DOI: 10.1093/plphys/kiaa040.	6.902	10/234	Plant Sciences

	With SKI affiliation	Professor	Author, title, journal name, year of publication and page number	IF	Rank in Category	
45.	Yes	JIANG Liwen	Stephani, M., Picchianti, L., Gajic, A., Beveridge, R., Skarwan, E., Hernandez, V.S.D., Mohseni, A., Clavel, M., Zeng, Y.L., Naumann, C., Matuszkiewicz, M., Turco, E., Loeffke, C., Li, B.Y., Durnberger, G., Schutzbier, M., Chen, H.T., Abdrakhmanov, A., Savova, A., Chia, K.S., Djamei, A., Schaffner, I., Abel, S., Jiang, L., Mechtler, K., Ikeda, F., Martens, S., Clausen, T. and Dagdas, Y. (2020). A cross-kingdom conserved ER-phagy receptor maintains endoplasmic reticulum homeostasis during stress. <i>elife</i> 9:e58396. DOI: 10.7554/eLife.58396.	7.08	5/93	Biology
46.	Yes	JIANG Liwen	Tang, X., Zhang, L.N., Ma, T.J., Wang, M., Li, B.Y., Jiang, L.W., Yan, Y. and *Guo, Y.S. (2020). Molecular mechanisms that regulate export of the planar cell-polarity protein Frizzled-6 out of the endoplasmic reticulum. <i>Journal of Biological Chemistry</i> 295(27): 8972-8987. DOI: 10.1074/jbc.RA120.012835.	4.106	87/297	Biochemistry & Molecular Biology
47.	Yes	JIANG Liwen	Xia, F.N., Zeng, B., Liu, H.S., Qi, H., Xie, L.J., Yu, L.J., Chen, Q.F., Li, J.F., Chen, Y.Q., Jiang, L. and *Xiao, S. (2020). SINAT E3 Ubiquitin Ligases Mediate FREE1 and VPS23A Degradation to Modulate Abscisic Acid Signaling. <i>Plant Cell</i> 32(10): 3290-3310. DOI: 10.1105/tpc.20.00267.	9.618	23/297 6/234 23/195	Biochemistry & Molecular Biology Plant Sciences Cell Biology
48.	Yes	JIANG Liwen	Xiao, Z.D., Yang, C., Liu, C.L., Yang, L.M., Yang, S.H., Zhou, J., Li, F.Q., Jiang, L.W., Xiao, S., Gao, C.J. and Shen, W.J. (2020). SINAT E3 ligases regulate the stability of the ESCRT component FREE1 in response to iron deficiency in plants. <i>Journal of Integrative Plant Biology</i> 62(9): 1399-1417. DOI: 10.1111/jipb.13005.	4.885	61/297 17/234	Biochemistry & Molecular Biology Plant Sciences
49.	Yes	JIANG Liwen	Ye, H., Ji, C.Y., Guo, R.F. and *Jiang, L.W. (2020). Membrane Contact Sites and Organelles Interaction in Plant Autophagy. <i>Frontiers in Plant Science</i> 11:477. DOI: 10.3389/fpls.2020.00477.	4.402	19/234	Plant Sciences
50.	Yes	JIANG Liwen	Zhu, Y., Ji, C.Y., Cao, W.H., Shen, J.B., Zhao, Q. and Jiang, L.W. (2020). Identification and characterization of unconventional membrane protein trafficking regulators in Arabidopsis: A genetic approach. <i>Journal of Plant Physiology</i> 252:153229. DOI: 10.1016/j.jplph.2020.153229.	3.013	49/234	Plant Sciences
51.	Yes	JIANG Liwen ZHUAN G Xiaohong	Ji, C.Y., Zhou, J., Guo, R.F., Lin, Y.S., Kung, C.H., Hu, S., Ng, W.Y., Zhuang, X.H. and Jiang, L.W. (2020). AtNBR1 Is a Selective Autophagic Receptor for AtExo70E2 in Arabidopsis. <i>Plant Physiology</i> 184(2): 777-791. DOI: 10.1104/pp.20.00470.	6.902	10/234	Plant Sciences

	With SKI affiliation	Professor	Author, title, journal name, year of publication and page number	IF	Rank in Category	
52.	Yes	KANG Byung-Ho	Feldever, E., Porter, B.W., Yuen, C.Y.L., Iwai, K., Carrillo, R., Smith, T., Barela, C., Wong, K.E., Wang, P.F., Kang, B.H., Matsumoto, K. and Christopher, D.A. (2020). The Arabidopsis Protein Disulfide Isomerase Subfamily M Isoform, PDI9, Localizes to the Endoplasmic Reticulum and Influences Pollen Viability and Proper Formation of the Pollen Exine During Heat Stress. <i>Frontiers in Plant Science</i> 11:610052. DOI: 10.3389/fpls.2020.610052.	4.402	19/234	Plant Sciences
53.	Yes	KANG Byung-Ho	Jang, S., Kong, F., Lee, J., Choi, B.Y., Wang, P.F., Gao, P., Yamano, T., Fukuzawa, H., Kang, B.H. and Lee, Y. (2020). CrABCA2 Facilitates Triacylglycerol Accumulation in <i>Chlamydomonas reinhardtii</i> under Nitrogen Starvation. <i>Molecules and Cells</i> 43(1): 48-57. DOI: 10.14348/molcells.2019.0262.	4.081	99/297 79/195	Biochemistry & Molecular Biology Cell Biology
54.	Yes	KANG Byung-Ho	Lee, J., Yamaoka, Y., Kong, F., Cagnon, C., Beyly-Adriano, A., Jang, S., Gao, P., Kang, B.H., Li-Beisson, Y. and Lee, Y. (2020). The phosphatidylethanolamine-binding protein DTH1 mediates degradation of lipid droplets in <i>Chlamydomonas reinhardtii</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> 117(37): 23131-23139. DOI: 10.1073/pnas.2005600117.	9.412	8/71	Multidisciplinary Sciences
55.	Yes	KANG Byung-Ho	Mai, K.K.K., Gao, P. and Kang, B.H. (2020). Electron Microscopy Views of Dimorphic Chloroplasts in C4 Plants. <i>Frontiers in Plant Science</i> 11:1020. DOI: 10.3389/fpls.2020.01020.	4.402	19/234	Plant Sciences
56.	Yes	KANG Byung-Ho	Wang, X., Ma, J., Jin, X., Yue, N., Gao, P., Mai, K.K.K., Wang, X.B., Li, D., *Kang, B.H. and *Zhang, Y. (2020). Three-dimensional reconstruction and comparison of vacuolar membranes in response to viral infection. <i>Journal of Integrative Plant Biology</i> 63(2): 353-364. DOI: 10.1111/jipb.13027.	4.885	61/297 17/234	Biochemistry & Molecular Biology Plant Sciences
57.	Yes	KWAN Kin Ming	Ching, T., Vong, K.I. and Kwan, K.M. (2020). Spatiotemporal Decline of BMP Signaling Activity in Neural Progenitors Mediates Fate Transition and Safeguards Neurogenesis. <i>Cell Reports</i> 30(11): 3616-+. DOI: 10.1016/j.celrep.2020.02.089.	8.109	30/195	Cell Biology
58.	Yes	KWAN Kin Ming	Choi, P.W., So, W.W., Yang, J.Z., Liu, S.B., Tong, K.K., Kwan, K.M., Kwok, J.S.L., Tsui, S.K.W., Ng, S.K., Hales, K.H., Hales, D.B., Welch, W.R., Crum, C.P., Fong, W.P., Berkowitz, R.S. and Ng, S.W. (2020). MicroRNA-200 family governs ovarian inclusion cyst formation and mode of ovarian cancer spread. <i>Oncogene</i> 39(20): 4045-4060. DOI: 10.1038/s41388-020-1264-x.	7.971	29/297 26/244 31/195 14/178	Biochemistry & Molecular Biology Oncology Cell Biology Genetics & Heredity

	With SKI affiliation	Professor	Author, title, journal name, year of publication and page number	IF	Rank in Category	
59.	Yes	KWAN Kin Ming	Dong, X. and Kwan, K.M. (2020). Yin Yang 1 is critical for mid-hindbrain neuroepithelium development and involved in cerebellar agenesis. <i>Molecular Brain</i> 13(1): 104. DOI: doi: 10.1186/s13041-020-00643-z.	4.686	60/272	Neurosciences
60.	Yes	LAM Hon-Ming	Cheung, M.Y., Auyeung, W.K., Li, K.P. and Lam, H.M. (2020). A Rice Immunophilin Homolog, OsFKBP12, Is a Negative Regulator of Both Biotic and Abiotic Stress Responses. <i>International Journal of Molecular Sciences</i> 21(22):8791. DOI: 10.3390/ijms21228791.	4.556	74/297 48/177	Biochemistry & Molecular Biology Chemistry, Multidisciplinary
61.	Yes	LAM Hon-Ming	Contador, C.A., Lo, S.K., Chan, S.H.J. and Lam, H.M. (2020). Metabolic Analyses of Nitrogen Fixation in the Soybean Microsymbiont <i>Sinorhizobium fredii</i> Using Constraint-Based Modeling. <i>Msystems</i> 5(1):e00516-19. DOI: 10.1128/mSystems.00516-19.	6.633	18/136	Microbiology
62.	Yes	LAM Hon-Ming	Huang, M., Zhang, L., Zhou, L., Wang, M., Yung, W.S., Wang, Z., Duan, S., Xiao, Z., Wang, Q., Wang, X., Li, M.W. and Lam, H.M. (2020). An expedient survey and characterization of the soybean JAGGED 1 (GmJAG1) transcription factor binding preference in the soybean genome by modified ChIPmentation on soybean protoplasts. <i>Genomics</i> 113(1 Pt 1): 344-355. DOI: 10.1016/j.ygeno.2020.12.026.	6.205	16/156 18/178	Biotechnology & Applied Microbiology Genetics & Heredity
63.	Yes	LAM Hon-Ming	Jia, Q., Li, M.W., Zheng, C.W., Xu, Y.Y., Sun, S., Li, Z., Wong, F.L., Song, J.L., Lin, W.W., Li, Q.H., Zhu, Y.B., Liang, K.J., Lin, W.X. and Lam, H.M. (2020). The soybean plasma membrane-localized cation/H ⁺ exchanger GmCHX20a plays a negative role under salt stress. <i>Physiologia Plantarum</i> . DOI: 10.1111/ppl.13250.	4.148	24/234	Plant Sciences
64.	Yes	LAM Hon-Ming	Ku, Y.S., Cheng, S.S., Gerhardt, A., Cheung, M.Y., Contador, C.A., Poon, L.Y.W. and Lam, H.M. (2020). Secretory Peptides as Bullets: Effector Peptides from Pathogens against Antimicrobial Peptides from Soybean. <i>International Journal of Molecular Sciences</i> 21(23):9294. DOI: 10.3390/ijms21239294.	4.556	74/297 48/177	Biochemistry & Molecular Biology Chemistry, Multidisciplinary
65.	Yes	LAM Hon-Ming	Ku, Y.S., Contador, C.A., Ng, M.S., Yu, J., Chung, G. and Lam, H.M. (2020). The Effects of Domestication on Secondary Metabolite Composition in Legumes. <i>Frontiers in Genetics</i> 11:581357. DOI: 10.3389/fgene.2020.581357.	3.26	75/178	Genetics & Heredity
66.	Yes	LAM Hon-Ming	Ku, Y.S., Ng, M.S., Cheng, S.S., Lo, A.W.Y., Xiao, Z.X., Shin, T.S., Chung, G. and Lam, H.M. (2020). Understanding the Composition, Biosynthesis, Accumulation and Transport of Flavonoids in Crops for the Promotion of Crops as Healthy Sources of Flavonoids for Human Consumption. <i>Nutrients</i> 12(6):1717. DOI: 10.3390/nu12061717.	4.546	17/89	Nutrition & Dietetics

	With SKI affiliation	Professor	Author, title, journal name, year of publication and page number	IF	Rank in Category	
67.	Yes	LAM Hon-Ming	Ku, Y.S., Ni, M., Munoz, N.B., Xiao, Z.X., Lo, A.W.Y., Chen, P., Li, M.W., Cheung, M.Y., Xie, M. and Lam, H.M. (2020). ABAS1 from soybean is a 1R-subtype MYB transcriptional repressor that enhances ABA sensitivity. <i>Journal of Experimental Botany</i> 71(10): 2970-2981. DOI: 10.1093/jxb/eraa081.	5.908	14/234	Plant Sciences
68.	Yes	LAM Hon-Ming	Li, M.W. and Lam, H.M. (2020). The Modification of Circadian Clock Components in Soybean During Domestication and Improvement. <i>Frontiers in Genetics</i> 11:571188. DOI: 10.3389/fgene.2020.571188.	3.26	75/178	Genetics & Heredity
69.	Yes	LAM Hon-Ming	Li, M.W., Wang, Z.L., Jiang, B.J., Kaga, A., Wong, F.L., Zhang, G.H., Han, T.F., Chung, G., Nguyen, H. and Lam, H.M. (2020). Impacts of genomic research on soybean improvement in East Asia. <i>Theoretical and Applied Genetics</i> 133(5): 1655-1678. DOI: 10.1007/s00122-019-03462-6.	4.439	5/91 18/234 37/178 2/36	Agronomy Plant Sciences Genetics & Heredity Horticulture
70.	Yes	LAM Hon-Ming	Liu, A.L., Ku, Y.S., Contador, C.A. and Lam, H.M. (2020). The Impacts of Domestication and Agricultural Practices on Legume Nutrient Acquisition Through Symbiosis With Rhizobia and Arbuscular Mycorrhizal Fungi. <i>Frontiers in Genetics</i> 11:583954. DOI:10.3389/fgene.2020.583954.	3.26	75/178	Genetics & Heredity
71.	Yes	LAM Hon-Ming	Thudi, M., Palakurthi, R., Schnable, J.C., Chitikineni, A., Dreisigacker, S., Mace, E., Srivastava, R.K., Satyavathi, C.T., Odeny, D., Tiwari, V.K., Lam, H.M., Hong, Y.B., Singh, V.K., Li, G., Xu, Y., Chen, X., Kaila, S., Nguyen, H., Sivasankar, S., Jackson, S.A., Close, T.J., Shubo, W. and Varshney, R.K. (2020). Genomic resources in plant breeding for sustainable agriculture. <i>Journal of Plant Physiology</i> 257: 153351. DOI: 10.1016/j.jplph.2020.153351.	3.013	49/234	Plant Sciences
72.	Yes	LAM Hon-Ming	Tian, Z.Z., Li, X.R., Li, M., Wu, W., Zhang, M.F., Tang, C.J., Li, Z.H., Liu, Y.L., Chen, Z.H., Yang, M.T., Ma, L.L., Caba, C., Tong, Y.F., Lam, H.M., Dai, S.D. and Chen, Z.Z. (2020). Crystal structures of REF6 and its complex with DNA reveal diverse recognition mechanisms. <i>Cell Discovery</i> 6(1):17. DOI: 10.1038/s41421-020-0150-6.	6.255	42/195	Cell Biology
73.	Yes	LAM Hon-Ming	Wang, L., Ma, K.B., Lu, Z.G., Ren, S.X., Jiang, H.R., Cui, J.W., Chen, G., Teng, N.J., *Lam, H.M. and *Jin, B. (2020). Differential physiological, transcriptomic and metabolomic responses of Arabidopsis leaves under prolonged warming and heat shock. <i>BMC Plant Biology</i> 20(1):86. DOI: 10.1186/s12870-020-2292-y.	3.497	38/234	Plant Sciences

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74.	Yes	LAM Hon-Ming	Wang, Q.W., Yung, W.S., Wang, Z.L. and Lam, H.M. (2020). The histone modification H3K4me3 marks functional genes in soybean nodules. <i>Genomics</i> 112(6): 5282-5294. DOI: 10.1016/j.ygeno.2020.09.052.	6.205	16/156 18/178	Biotechnology & Applied Microbiology Genetics & Heredity
75.	Yes	LAM Hon-Ming	Wang, Y.H., Li, S., Qin, S.J., Guo, H., Yang, D.N. and Lam, H.M. (2020). How can drip irrigation save water and reduce evapotranspiration compared to border irrigation in arid regions in northwest China. <i>Agricultural Water Management</i> 239:106256. DOI: 10.1016/j.agwat.2020.106256.	4.021	9/91 10/97	Agronomy Water Resources
76.	Yes	LAM Hon-Ming	Xiong, R., Liu, S., Considine, M.J., Siddique, K.H.M., Lam, H.M. and Chen, Y. (2020). Root system architecture, physiological and transcriptional traits of soybean (<i>Glycine max</i> L.) in response to water deficit: A review. <i>Physiologia Plantarum</i> . DOI: 10.1111/pp1.13201.	4.148	24/234	Plant Sciences
77.	Yes	LAM Hon-Ming	Zhang, S.D., Li, R.S., Zhang, L., Chen, S.J., Xie, M., Yang, L., Xia, Y.J., Foyer, C.H., Zhao, Z.Y. and Lam, H.M. (2020). New insights into Arabidopsis transcriptome complexity revealed by direct sequencing of native RNAs. <i>Nucleic Acids Research</i> 48(14): 7700-7711. DOI: 10.1093/nar/gkaa588.	11.502	15/297	Biochemical & Molecular Biology
78.	Yes	LAM Hon-Ming CHAN Ting Fung	Nawaz, M.A., Lin, X., Chan, T.F., Ham, J., Shin, T.S., Ercisli, S., Golokhvast, K.S., Lam, H.M. and Chung, G. (2020). Korean Wild Soybeans (<i>Glycine soja</i> Sieb & Zucc.): Geographic Distribution and Germplasm Conservation. <i>Agronomy-Basel</i> 10(2):214. DOI: 10.3390/agronomy10020214.	2.603	18/91 65/234	Agronomy Plant Sciences
79.	Yes	LAM Hon-Ming NGO Chi Ki Jacky	Cheung, M.Y., Ngo, J.C.K., Chen, Z.Z., Jia, Q., Li, T.J., Gou, Y.T., Wang, Y. and Lam, H.M. (2020). A structure model explaining the binding between a ubiquitous unconventional G-protein (OsYchF1) and a plant-specific C2-domain protein (OsGAP1) from rice. <i>Biochemical Journal</i> 477(20): 3935-3949. DOI: 10.1042/Bcj20200380.	4.097	95/297	Biochemistry & Molecular Biology
80.	Yes	LIM Boon Leong	Lim, S.L., Voon, C.P., Guan, X., Yang, Y., Gardestrom, P. and Lim, B.L. (2020). In planta study of photosynthesis and photorespiration using NADPH and NADH/NAD(+) fluorescent protein sensors. <i>Nature Communications</i> 11(1): 3238. DOI: 10.1038/s41467-020-17056-0.	12.121	6/71	Multidisciplinary Sciences
81.	Yes	LIM Boon Leong LAM Hon-Ming	Sun, Y., Xie, M., Xu, Z., Chan, K.C., Zhong, J.Y., Fan, K., Wong-Bajracharya, J., Lam, H.M. and Lim, B.L. (2020). Differential RNA Editing and Intron Splicing in Soybean Mitochondria during Nodulation. <i>International Journal of Molecular Science</i> 21(24). DOI: 10.3390/ijms21249378.	4.556	74/297 48/177	Biochemistry & Molecular Biology Chemistry, Multidisciplinary

	With SKI affiliation	Professor	Author, title, journal name, year of publication and page number	IF	Rank in Category	
82.	Yes	LUO Haiwei	Wang, X.J., Zhang, Y., Ren, M.L., Xia, T.Y., Chu, X., Liu, C., Lin, X.Q., Huang, Y.J., Chen, Z.Y., Yan, A.X. and Luo, H.W. (2020). Cryptic speciation of a pelagic <i>Roseobacter</i> population varying at a few thousand nucleotide sites. <i>Isme Journal</i> 14(12): 3106-3119. DOI: 10.1038/s41396-020-00743-7.	9.18	5/169 10/136	Ecology Microbiology
83.	Yes	LUO Haiwei	Xue, C.X., Zhang, H., Lin, H.Y., Sun, Y., Luo, D.L., Huang, Y.J., Zhang, X.H. and Luo, H.W. (2020). Ancestral niche separation and evolutionary rate differentiation between sister marine flavobacteria lineages. <i>Environmental Microbiology</i> 22(8): 3234-3247. DOI: 10.1111/1462-2920.15065.	4.933	27/136	Microbiology
84.	Yes	LUO Haiwei LAM Hon-Ming	Wang, S.S., Meade, A., Lam, H.M. and Luo, H.W. (2020). Evolutionary Timeline and Genomic Plasticity Underlying the Lifestyle Diversity in Rhizobiales. <i>Msystems</i> 5(4):e00438-20. DOI: 10.1128/mSystems.00438-20.	6.633	18/136	Microbiology
85.	Yes	NGAI Sai Ming HUI Ho Lam Jerome	Leung, T.C.N., Qu, Z., Nong, W.Y., Hui, J.H.L. and Ngai, S.M. (2020). Proteomic Analysis of the Venom of Jellyfishes <i>Rhopilema esculentum</i> and <i>Sanderia malayensis</i> . <i>Marine Drugs</i> 18(12):655. DOI: 10.3390/md18120655.	4.073	16/61	Chemistry, Medicinal
86.	Yes	TAI Pui Kuen Amos	*Clifton, O.E., Fiore, A.M., Massman, W.J., Baublitz, C.B., Coyle, M., Emberson, L., Fares, S., Farmer, D.K., Gentine, P., Gerosa, G., Guenther, A.B., Helmig, D., Lombardozzi, D.L., Munger, J.W., Patton, E.G., Pusede, S.E., Schwede, D.B., Silva, S.J., Sorgel, M., Steiner, A.L. and Tai, A.P.K. (2020). Dry Deposition of Ozone Over Land: Processes, Measurement, and Modeling. <i>Reviews of Geophysics</i> 58(1):e2019RG000670. DOI: 10.1029/2019RG000670.	21.449	1/85	Geochemistry & Geophysics
87.	Yes	TAI Pui Kuen Amos	*Feng, Z.Z., Hu, T.J., Tai, A.P.K. and Calatayud, V. (2020). Yield and economic losses in maize caused by ambient ozone in the North China Plain (2014-2017). <i>Science of the Total Environment</i> 722:137958. DOI: 10.1016/j.scitotenv.2020.137958.	6.551	22/265	Environmental Sciences
88.	Yes	TAI Pui Kuen Amos	*Leung, F., Williams, K., Sitch, S., Tai, A.P.K., Wiltshire, A., Gornall, J., Ainsworth, E.A., Arkebauer, T. and Scoby, D. (2020). Calibrating soybean parameters in JULES 5.0 from the US-Ne2/3 FLUXNET sites and the SoyFACE-O-3 experiment. <i>Geoscientific Model Development</i> 13(12): 6201-6213. DOI: 10.5194/gmd-13-6201-2020.	5.24	9/200	Geosciences, Multidisciplinary

	With SKI affiliation	Professor	Author, title, journal name, year of publication and page number	IF	Rank in Category	
89.	Yes	TAI Pui Kuen Amos	*Pope, R.J., Arnold, S.R., Chipperfield, M.P., Reddington, C.L.S., Butt, E.W., Keslake, T.D., Feng, W.H., Latter, B.G., Kerridge, B.J., Siddans, R., Rizzo, L., Artaxo, P., Sadiq, M. and Tai, A.P.K. (2020). Substantial Increases in Eastern Amazon and Cerrado Biomass Burning-Sourced Tropospheric Ozone. <i>Geophysical Research Letters</i> 47(3):e2019GL084143. DOI: 10.1029/2019GL084143.	4.497	17/200	Geosciences, Multidisciplinary
90.	Yes	TAI Pui Kuen Amos	Leung, F., Pang, J.Y.S., Tai, A.P.K., Lam, T., Tao, D.K.C. and Sharps, K. (2020). Evidence of Ozone-Induced Visible Foliar Injury in Hong Kong Using <i>Phaseolus Vulgaris</i> as a Bioindicator. <i>Atmosphere</i> 11(3):266. DOI: 10.3390/atmos11030266.	2.397	48/93	Meteorology & Atmospheric Sciences
91.	Yes	TAI Pui Kuen Amos	Wang, L., *Tai, A.P.K., *Tam, C.Y., Sadiq, M., Wang, P. and Cheung, K.K.W. (2020). Impacts of future land use and land cover change on mid-21st-century surface ozone air quality: distinguishing between the biogeophysical and biogeochemical effects. <i>Atmospheric Chemistry and Physics</i> 20(19): 11349-11369. DOI: 10.5194/acp-20-11349-2020.	5.414	36/265 9/93	Environmental Sciences Meteorology & Atmospheric Sciences
92.	Yes	TSANG Suk Ying Faye	Chan, H.C., Lau, Y.T., Ding, Q.Q., Li, C.K., Wong, C.M., Shaw, P.C., Wayne, M.M.Y. and Tsang, S.Y. (2020). PinX1t, a Novel PinX1 Transcript Variant, Positively Regulates Cardiogenesis of Embryonic Stem Cells. <i>Journal of the American Heart Association</i> 9(6):e010240. DOI: 10.1161/JAHA.118.010240.	4.605	31/138	Cardiac & Cardiovascular Systems
93.	Yes	TSANG Suk Ying Faye	Chan, Y.W., So, C., Yau, K.L., Chiu, K.C., Wang, X.Y., Chan, F.L. and Tsang, S.Y. (2020). Adipose-derived stem cells and cancer cells fuse to generate cancer stem cell-like cells with increased tumorigenicity. <i>Journal of Cellular Physiology</i> 235(10): 6794-6807. DOI: 10.1002/jcp.29574.	5.546	49/195 7/81	Cell Biology Physiology
94.	No	TSANG Suk Ying Faye	Chen, M., Liao, X.L., Yan, S.C., Gao, Y.P., Yang, C., Song, Y.Y., Liu, Y., Li, W.Q., Tsang, S.Y., Chen, Z.F., Qi, Z.H. and Cai, Z.W. (2020). Uptake, Accumulation, and Biomarkers of PM2.5-Associated Organophosphate Flame Retardants in C57BL/6 Mice after Chronic Exposure at Real Environmental Concentrations. <i>Environmental Science & Technology</i> 54(15): 9519-9528. DOI: 10.1021/acs.est.0c02237.	7.864	6/53 15/265	Engineering, Environmental Environmental Sciences
95.	No	TSANG Suk Ying Faye	Liao, X.L., Zou, T., Chen, M., Song, Y.Y., Yang, C., Qiu, B.J., Chen, Z.F., Tsang, S.Y., *Qi, Z.H. and *Cai, Z.W. (2020). Contamination profiles and health impact of benzothiazole and its derivatives in PM2.5 in typical Chinese cities. <i>Science of the Total Environment</i> 755:142617. DOI: 10.1016/j.scitotenv.2020.142617.	6.551	22/265	Environmental Sciences

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96.	Yes	TSANG Suk Ying Faye	Liu, X., Yao, X. and Tsang, S.Y. (2020). Post-Translational Modification and Natural Mutation of TRPC Channels. <i>Cells</i> 9(1).DOI: 10.3390/cells9010135.	4.366	70/195	Cell Biology
97.	Yes	TSANG Suk Ying Faye	Poon, E.N.Y., Luo, X.L., Webb, S.E., Yan, B., Zhao, R., Wu, S.C.M., Yang, Y., Zhang, P., Bai, H.J., Shao, J.F., Chan, C.M., Chan, G.C.F., Tsang, S.Y., Gundry, R.L., Yang, H.T. and Boheler, K.R. (2020). The cell surface marker CD36 selectively identifies matured, mitochondria-rich hPSC-cardiomyocytes. <i>Cell Research</i> 30(7): 626-629.DOI: 10.1038/s41422-020-0292-y.	20.507	7/195	Cell Biology
98.	No	TSANG Suk Ying Faye	Qi, Z.H., Zhang, Y.H., Chen, Z.F., Yang, C., Song, Y.Y., Liao, X.L., Li, W.Q., Tsang, S.Y., Liu, G.G. and Cai, Z.W. (2020). Chemical identity and cardiovascular toxicity of hydrophobic organic components in PM2.5. <i>Ecotoxicology and Environmental Safety</i> 201:110827. DOI: 10.1016/j.ecoenv.2020.110827.	4.872	44/265 11/92	Environmental Sciences Toxicology
99.	Yes	WONG Wing Tak Jack	Chen, M.Z., Tse, G. and Wong, W.T. (2020). Interleukin-4 increases phagocytosis of necrotic cells by macrophages through scavenger receptor CD36. <i>Clinical and Experimental Pharmacology and Physiology</i> 48(1): 129-136. DOI: 10.1111/1440-1681.13399.	2.456	158/271 41/81	Pharmacology & Pharmacy Physiology
100.	No	WONG Wing Tak Jack	Lee, S., Liu, T., Zhou, J.D., Zhang, Q.P., *Wong, W.T. and *Tse, G. (2020). Predictions of diabetes complications and mortality using hba1c variability: a 10-year observational cohort study. <i>Acta Diabetologica</i> . DOI: 10.1007/s00592-020-01605-6.	3.418	60/143	Endocrinology & Metabolism
101.	No	WONG Wing Tak Jack	Li, C.K., Xu, Z.Z., Ho, J., Lakhani, I., Liu, Y.Z., Bazoukis, G., Liu, T., Wong, W.T., Cheng, S.H., Chan, M.T.V., Zhang, L., Gin, T., Wong, M.C.S., Wong, I.C.K., Wu, W.K.K., Zhang, Q.P. and Tse, G. (2020). Association of NPAC score with survival after acute myocardial infarction. <i>Atherosclerosis</i> 301: 30-36. DOI: 10.1016/j.atherosclerosis.2020.03.004.	3.919	42/138 16/65	Cardiac & Cardiovascular Systems Peripheral Vascular Disease
102.	Yes	WONG Wing Tak Jack	Tse, G., Lee, S., Liu, T., Yuen, H.C., Wong, I.C.K., Mak, C., Mok, N.S. and Wong, W.T. (2020). Identification of Novel SCN5A Single Nucleotide Variants in Brugada Syndrome: A Territory-Wide Study From Hong Kong. <i>Frontiers in Physiology</i> 11:574590. DOI: 10.3389/fphys.2020.574590.	3.367	20/81	Physiology
103.	No	WU Jin	Abbas, S., Wong, M.S., Wu, J., Shahzad, N. and Irteza, S.M. (2020). Approaches of Satellite Remote Sensing for the Assessment of Above-Ground Biomass across Tropical Forests: Pan-tropical to National Scales. <i>Remote Sensing</i> 12(20):3351. DOI: 10.3390/rs12203351.	4.509	9/30	Remote Sensing

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104.	No	WU Jin	Chen, X.Z., Maignan, F., Viovy, N., Bastos, A., Goll, D., Wu, J., Liu, L.Y., Yue, C., Peng, S.S., Yuan, W.P., da Conceicao, A.C., O'Sullivan, M. and Ciaais, P. (2020). Novel Representation of Leaf Phenology Improves Simulation of Amazonian Evergreen Forest Photosynthesis in a Land Surface Model. <i>Journal of Advances in Modeling Earth Systems</i> 12(1):e2018MS001565. DOI: 10.1029/2018MS001565.	4.327	17/93	Meteorology & Atmospheric Sciences
105.	No	WU Jin	Fu, P., Meacham-Hensold, K., Guan, K., Wu, J. and Bernacchi, C. (2020). Estimating photosynthetic traits from reflectance spectra: A synthesis of spectral indices, numerical inversion, and partial least square regression. <i>Plant Cell and Environment</i> 43(5): 1241-1258. DOI: 10.1111/pce.13718.	6.362	11/234	Plant Sciences
106.	No	WU Jin	Goncalves, N.B., Lopes, A.P., Dalagnol, R., Wu, J., Pinho, D.M. and Nelson, B.W. (2020). Both near-surface and satellite remote sensing confirm drought legacy effect on tropical forest leaf phenology after 2015/2016 ENSO drought. <i>Remote Sensing of Environment</i> 237:111489. DOI: 10.1016/j.rse.2019.111489.	9.085	7/265 2/30 2/27	Environmental Sciences Remote Sensing Imaging Science & Photographic Technology
107.	No	WU Jin	Guan, H.C., Su, Y.J., Sun, X.L., Xu, G.C., Li, W.K., Ma, Q., Wu, X.Y., Wu, J., Liu, L.L. and Guo, Q.H. (2020). A marker-free method for registering multi-scan terrestrial laser scanning data in forest environments. <i>Isprs Journal of Photogrammetry and Remote Sensing</i> 166: 82-94. DOI: 10.1016/j.isprsjprs.2020.06.002.	7.319	1/50 5/200 3/30 3/27	Geography, Physical Geosciences, Multidisciplinary Remote Sensing Imaging Science & Photographic Technology
108.	No	WU Jin	Kimm, H., Guan, K., Gentine, P., Wu, J., Bernacchi, C.J., Sulman, B.N., Griffis, T.J. and Lin, C. (2020). Redefining droughts for the U.S. Corn Belt: The dominant role of atmospheric vapor pressure deficit over soil moisture in regulating stomatal behavior of Maize and Soybean. <i>Agricultural and Forest Meteorology</i> 287: 107930. DOI: doi.org/10.1016/j.agrformet.2020.107930.	4.651	3/91 2/68 14/93	Agronomy Forestry Meteorology & Atmospheric Sciences
109.	No	WU Jin	Meacham-Hensold, K., Fu, P., Wu, J., Serbin, S., Montes, C.M., Ainsworth, E., Guan, K.Y., Dracup, E., Pederson, T., Driever, S. and Bernacchi, C. (2020). Plot-level rapid screening for photosynthetic parameters using proximal hyperspectral imaging. <i>Journal of Experimental Botany</i> 71(7): 2312-2328. DOI: 10.1093/jxb/eraa068.	5.908	14/234	Plant Sciences

	With SKI affiliation	Professor	Author, title, journal name, year of publication and page number	IF	Rank in Category	
110.	No	WU Jin	Smith, M.N., Taylor, T.C., van Haren, J., Rosolem, R., Restrepo-Coupe, N., Adams, J., Wu, J., de Oliveira, R.C., Silva, R., de Araujo, A.C., de Camargo, P.B., Huxman, T.E. and Saleska, S.R. (2020). Empirical evidence for resilience of tropical forest photosynthesis in a warmer world. <i>Nature Plants</i> 6(10): 1225-1230. DOI: 10.1038/s41477-020-00780-2.	13.256	3/234	Plant Sciences
111.	No	WU Jin	Su, Y.J., Hu, T.Y., Wang, Y.C., Li, Y.M., Dai, J.Y., Liu, H.Y., Jin, S.C., Ma, Q., Wu, J., Liu, L.L., Fang, J.Y. and Guo, Q.H. (2020). Large-Scale Geographical Variations and Climatic Controls on Crown Architecture Traits. <i>Journal of Geophysical Research-Biogeosciences</i> 125(2). DOI: 10.1029/2019jg005306.	3.408	86/265 41/200	Environmental Sciences Geosciences, Multidisciplinary
112.	No	WU Jin	Tian, J.Q., Zhu, X.L., Shen, Z.Y., Wu, J., Xu, S., Liang, Z.C. and Wang, J.T. (2020). Investigating the urban-induced microclimate effects on winter wheat spring phenology using Sentinel-2 time series. <i>Agricultural and Forest Meteorology</i> 294:108153. DOI: 10.1016/j.agrformet.2020.108153.	4.651	3/91 2/68 14/93	Agronomy Forestry Meteorology & Atmospheric Sciences
113.	No	WU Jin	Tian, J.Q., Zhu, X.L., Wu, J., Shen, M.G. and Chen, J. (2020). Coarse-Resolution Satellite Images Overestimate Urbanization Effects on Vegetation Spring Phenology. <i>Remote Sensing</i> 12(1):117. DOI: 10.3390/rs12010117.	4.509	9/30	Remote Sensing
114.	No	WU Jin	Wang, C., Guan, K.Y., Peng, B., Chen, M., Jiang, C.Y., Zeng, Y.L., Wu, G.H., Wang, S., Wu, J., Yang, X., Frankenberg, C., Kohler, P., Berry, J., Bernacchi, C., Zhu, K., Alden, C. and Miao, G.F. (2020). Satellite footprint data from OCO-2 and TROPOMI reveal significant spatio-temporal and inter-vegetation type variabilities of solar-induced fluorescence yield in the US Midwest. <i>Remote Sensing of Environment</i> 241:111728. DOI: 10.1016/j.rse.2020.111728.	9.085	7/265 2/30 2/27	Environmental Sciences Remote Sensing Imaging Science & Photographic Technology
115.	No	WU Jin	Wang, J., Yang, D.D., Detto, M., Nelson, B.W., Chen, M., Guan, K.Y., Wu, S.B., Yan, Z.B. and *Wu, J. (2020). Multi-scale integration of satellite remote sensing improves characterization of dry-season green-up in an Amazon tropical evergreen forest. <i>Remote Sensing of Environment</i> 246:111865. DOI: 10.1016/j.rse.2020.111865.	9.085	7/265 2/30 2/27	Environmental Sciences Remote Sensing Imaging Science & Photographic Technology
116.	No	WU Jin	Wang, Z.H., Wang, C.Z., Wang, B., Wang, X., Li, J., Wu, J. and Liu, L.L. (2020). Interactive effects of air pollutants and atmospheric moisture stress on aspen growth and photosynthesis along an urban-rural gradient. <i>Environmental Pollution</i> 260:114076. DOI: 10.1016/j.envpol.2020.114076.	6.793	21/265	Environmental Sciences

	With SKI affiliation	Professor	Author, title, journal name, year of publication and page number	IF	Rank in Category	
117.	Yes	WU Jin	Wu, S.B., Wang, J., Yan, Z.B., Song, G.Q., Chen, Y., Ma, Q., Deng, M.F., Wu, Y.T., Zhao, Y.Y., Guo, Z.F., Yuan, Z.Q., Dai, G.H., Xu, X.T., Yang, X., Su, Y.J., Liu, L.L. and Wu, J. (2020). Monitoring tree-crown scale autumn leaf phenology in a temperate forest with an integration of PlanetScope and drone remote sensing observations. <i>Isprs Journal of Photogrammetry and Remote Sensing</i> 171: 36-48.DOI: 10.1016/j.isprsjprs.2020.10.017.	7.319	1/50 5/200 3/30 3/27	Geography, Physical Geosciences, Multidisciplinary Remote Sensing Imaging Science & Photographic Technology
118.	Yes	XIA Yiji	Shao, X., Zhang, H., Yang, Z., Zhong, H., *Xia, Y. and *Cai, Z. (2020). NAD tagSeq for transcriptome-wide identification and characterization of NAD(+)-capped RNAs. <i>Nature Protocol</i> 15(9): 2813-2836. DOI: 10.1038/s41596-020-0363-z.	10.419	2/77	Biochemical Research Methods
119.	Yes	ZHANG Jianhua	*Yang, J.C., Fei, K.Q., Chen, J., Wang, Z.Q., Zhang, W.Y. and Zhang, J.H. (2020). Jasmonates alleviate spikelet-opening impairment caused by high temperature stress during anthesis of photo-thermo-sensitive genetic male sterile rice lines. <i>Food and Energy Security</i> 9(4):e233. DOI: 10.1002/fes3.233.	5.242	9/139	Food Science & Technology
120.	Yes	ZHANG Jianhua	*Zhang, Y., Chen, M., Siemiakowska, B., Toleco, M.R., Jing, Y., Strotmann, V., Zhang, J., Stahl, Y. and *Fernie, A.R. (2020). A Highly Efficient Agrobacterium-Mediated Method for Transient Gene Expression and Functional Studies in Multiple Plant Species. <i>Plant Communications</i> 1(5): 100028. DOI: 10.1016/j.xplc.2020.100028.	NA	NA	NA
121.	Yes	ZHANG Jianhua	Chen, J., Fei, K., Zhang, W., Wang, Z., Zhang, J. and *Yang, J. (2020). Brassinosteroids mediate the effect of high temperature during anthesis on the pistil activity of photo-thermosensitive genetic male-sterile rice lines. <i>The Crop Journal</i> 9: 109-119.DOI: https://doi.org/10.1016/j.cj.2020.07.001 .	3.395	13/91 40/234	Agronomy Plant Sciences
122.	Yes	ZHANG Jianhua	Chen, M.X., Lu, C.C., Sun, P.C., Nie, Y.X., Tian, Y., Hu, Q.J., Das, D., Hou, X.X., Gao, B., Chen, X., Liu, S.X., Zheng, C.C., Zhao, X.Y., Dai, L., *Zhang, J.H. and *Liu, Y.G. (2020). Comprehensive transcriptome and proteome analyses reveal a novel sodium chloride responsive gene network in maize seed tissues during germination. <i>Plant Cell and Environment</i> 44(1): 88-101. DOI: 10.1111/pce.13849.	6.362	11/234	Plant Sciences
123.	Yes	ZHANG Jianhua	Chen, M.X., Mei, L.C., Wang, F., Dewalayage, I.K.W.B., Yang, J.F., Dai, L., Yang, G.F., Gao, B., Cheng, C.L., Liu, Y.G., Zhang, J.H. and *Hao, G.F. (2020). PlantSPEAD: a web resource towards comparatively analysing stress-responsive expression of splicing-related proteins in plant. <i>Plant Biotechnology Journal</i> . DOI: 10.1111/pbi.13486.	8.154	10/156 9/234	Biotechnology & Applied Microbiology Plant Sciences

	With SKI affiliation	Professor	Author, title, journal name, year of publication and page number	IF	Rank in Category	
124.	Yes	ZHANG Jianhua	Chen, M.X., Zhang, K.L., Gao, B., Yang, J.F., Tian, Y., Das, D., Fan, T., Dai, L., Hao, G.F., Yang, G.F., Zhang, J.H., *Zhu, F.Y. and *Fang, Y.M. (2020). Phylogenetic comparison of 5' splice site determination in central spliceosomal proteins of the U1-70K gene family, in response to developmental cues and stress conditions. <i>Plant Journal</i> 103(1): 357-378. DOI: 10.1111/tpj.14735.	6.141	13/234	Plant Sciences
125.	Yes	ZHANG Jianhua	Chen, M.X., Zhang, K.L., Zhang, M., Das, D., Fang, Y.M., Dai, L., *Zhang, J.H. and *Zhu, F.Y. (2020). Alternative splicing and its regulatory role in woody plants. <i>Tree Physiology</i> 40(11): 1475-1486. DOI: 10.1093/treephys/tpaa076.	3.655	4/68	Forestry
126.	Yes	ZHANG Jianhua	Gao, B., Chen, M.X., Li, X.S., Liang, Y.Q., Zhang, D.Y., Wood, A.J., *Oliver, M.J. and *Zhang, J.H. (2020). Ancestral gene duplications in mosses characterized by integrated phylogenomic analyses. <i>Journal of Systematics and Evolution</i> . DOI: 10.1111/jse.12683.	2.779	56/234	Plant Sciences
127.	Yes	ZHANG Jianhua	Gao, B., Wang, L.Q., Oliver, M., *Chen, M.X. and *Zhang, J.H. (2020). Phylogenomic synteny network analyses reveal ancestral transpositions of auxin response factor genes in plants. <i>Plant Methods</i> 16(1):ARTN 70. DOI: 10.1186/s13007-020-00609-1.	3.61	20/77 36/234	Biochemical Research Methods Plant Sciences
128.	Yes	ZHANG Jianhua	Hu, Q.J., Chen, M.X., Song, T., Cheng, C.L., Tian, Y., Hu, J. and *Zhang, J.H. (2020). Spermidine enhanced the antioxidant capacity of rice seeds during seed aging. <i>Plant Growth Regulation</i> 91(3): 397-406. DOI: 10.1007/s10725-020-00613-4.	2.388	71/234	Plant Sciences
129.	No	ZHANG Jianhua	Jia, L.G., Chen, Y.Z., Fan, M.S., *Li, W.R. and Zhang, J.H. (2020). MAP3K theta 1 is Involved in Abscisic Acid Signaling in Drought Tolerance and Seed Germination in Arabidopsis. <i>Journal of Plant Biology</i> 63(1): 11-21. DOI: 10.1007/s12374-020-09226-w.	1.529	120/234	Plant Sciences
130.	Yes	ZHANG Jianhua	Li, Y., Yuan, W., Li, L.C., Dai, H., Dang, X.L., Miao, R., Baluska, F., Kronzucker, H.J., Lu, C.M., Zhang, J.H. and *Xu, W.F. (2020). Comparative analysis reveals gravity is involved in the MIZ1-regulated root hydrotropism. <i>Journal of Experimental Botany</i> 71(22): 7316-7330. DOI: 10.1093/jxb/eraa409.	5.908	14/234	Plant Sciences
131.	No	ZHANG Jianhua	Li, Y., Yuan, W., Li, L.C., Miao, R., Dai, H., Zhang, J.H. and *Xu, W.F. (2020). Light-Dark Modulates Root Hydrotropism Associated with Gravitropism by Involving Amyloplast Response in Arabidopsis. <i>Cell Reports</i> 32(13):108198. DOI: 10.1016/j.celrep.2020.108198.	8.109	30/195	Cell Biology

	With SKI affiliation	Professor	Author, title, journal name, year of publication and page number	IF	Rank in Category	
132.	Yes	ZHANG Jianhua	Song, T., Das, D., Hu, Q.J., Yang, F. and Zhang, J.H. (2020). Alternate wetting and drying irrigation and phosphorus rates affect grain yield and quality and heavy metal accumulation in rice. <i>Science of the Total Environment</i> 752:141862. DOI: 10.1016/j.scitotenv.2020.141862.	6.551	22/265	Environmental Sciences
133.	Yes	ZHANG Jianhua	Song, T., Das, D., Yang, F., Chen, M.X., Tian, Y., Cheng, C.L., Sun, C., *Xu, W.F. and *Zhang, J.H. (2020). Genome-wide transcriptome analysis of roots in two rice varieties in response to alternate wetting and drying irrigation. <i>Crop Journal</i> 8(4): 586-601. DOI: 10.1016/j.cj.2020.01.007.	3.395	13/91 40/234	Agronomy Plant Sciences
134.	Yes	ZHANG Jianhua	Song, T., Yang, F., Das, D., Chen, M.X., Hu, Q.J., Tian, Y., Cheng, C.L., Liu, Y. and Zhang, J.H. (2020). Transcriptomic analysis of photosynthesis-related genes regulated by alternate wetting and drying irrigation in flag leaves of rice. <i>Food and Energy Security</i> 9(3):e221. DOI: 10.1002/fes3.221.	5.242	9/139	Food Science & Technology
135.	Yes	ZHANG Jianhua	Song, T., Yang, F., Xu, W. and *Zhang, J. (2020). Transcriptome analysis of rice stem under alternate wetting and drying irrigation. <i>Plant Physiology Journal</i> 56(12). DOI: 10.13592/j.cnki.ppj.2020.0447.	NA	NA	NA
136.	Yes	ZHANG Jianhua	Wang, G., Li, X., Li, Y., Ye, N., *Li, H. and *Zhang, J. (2020). Comprehensive epigenome and transcriptome analysis of the carbon reserve remobilization in indica and japonica rice stems under soil drying. <i>Journal of Experimental Botany</i> . DOI: 10.1093/jxb/eraa502.	5.908	14/234	Plant Sciences
137.	Yes	ZHANG Jianhua	Wang, G.Q. and Zhang, J.H. (2020). Carbohydrate, hormone and enzyme regulations of rice grain filling under post-anthesis soil drying. <i>Environmental and Experimental Botany</i> 178:104165. DOI: 10.1016/j.envexpbot.2020.104165.	4.027	26/234 71/265	Plant Sciences Environmental Sciences
138.	Yes	ZHANG Jianhua	Wang, G.Q., Li, H.X., Gong, Y.L., Yang, J.C., Yi, Y.K., *Zhang, J.H. and *Ye, N.H. (2020). Expression profile of the carbon reserve remobilization from the source to sink in rice in response to soil drying during grain filling. <i>Food and Energy Security</i> 9(3):e204. DOI: 10.1002/fes3.204.	5.242	9/139	Food Science & Technology
139.	Yes	ZHANG Jianhua	Wang, G.Q., Li, H.X., Meng, S., Yang, J.C., Ye, N.H. and *Zhang, J.H. (2020). Analysis of Global Methylome and Gene Expression during Carbon Reserve Mobilization in Stems under Soil Drying(1)([OPEN]). <i>Plant Physiology</i> 183(4): 1809-1824. DOI: 10.1104/pp.20.00141.	6.902	10/234	Plant Sciences

	With SKI affiliation	Professor	Author, title, journal name, year of publication and page number	IF	Rank in Category	
140.	Yes	ZHANG Jianhua	Wang, L.X., Chen, M.X., Zhu, F.Y., Fan, T., *Zhang, J.H. and *Lo, C. (2020). Alternative splicing is a <i>Sorghum bicolor</i> defense response to fungal infection. <i>Planta</i> 251(1):14. DOI: 10.1007/s00425-019-03309-w.	3.39	41/234	Plant Sciences
141.	Yes	ZHANG Jianhua	Wang, L.X., Lam, P.Y., Lui, A.C.W., Zhu, F.Y., Chen, M.X., Liu, H.J., Zhang, J.H. and *Lo, C. (2020). Flavonoids are indispensable for complete male fertility in rice. <i>Journal of Experimental Botany</i> 71(16): 4715-4728. DOI: 10.1093/jxb/eraa204.	5.908	14/234	Plant Sciences
142.	No	ZHANG Jianhua	Xu, F.Y., Song, T., Wang, K., *Xu, W.F., Chen, G.L., Xu, M., Zhang, Q., Liu, J.P., Zhu, Y.Y., Rensing, C., *Zhang, J.H. and *Yuan, W. (2020). Frequent alternate wetting and drying irrigation mitigates the effect of low phosphorus on rice grain yield in a 4-year field trial by increasing soil phosphorus release and rice root growth. <i>Food and Energy Security</i> 9(3):e206. DOI: 10.1002/fes3.206.	5.242	9/139	Food Science & Technology
143.	Yes	ZHANG Jianhua	Yang, Z., Guo, G.Y., Yang, N., Pun, S.S., Ho, T.K.L., Ji, L., Hu, I., Zhang, J.H., Burlingame, A.L. and *Li, N. (2020). The change of gravity vector induces short-term phosphoproteomic alterations in Arabidopsis. <i>Journal of Proteomics</i> 218:103720. DOI: 10.1016/j.jprot.2020.103720.	3.509	21/77	Biochemical Research Methods
144.	Yes	ZHANG Jianhua	Yuan, W., Zhang, Q., Li, Y., Wang, Q.W., Xu, F.Y., Dang, X.L., Xu, W.F., Zhang, J.H. and *Miao, R. (2020). Abscisic Acid Is Required for Root Elongation Associated With Ca ²⁺ Influx in Response to Water Stress. <i>Frontiers in Plant Science</i> 11:332. DOI: 10.3389/fpls.2020.00332.	4.402	19/234	Plant Sciences
145.	Yes	ZHANG Jianhua	Zhang, D., Chen, M.X., Zhu, F.Y., *Zhang, J.H. and *Liu, Y.G. (2020). Emerging Functions of Plant Serine/Arginine-Rich (SR) Proteins: Lessons from Animals. <i>Critical Reviews in Plant Sciences</i> 39(2): 173-194. DOI: 10.1080/07352689.2020.1770942.	6.235	12/234	Plant Sciences
146.	Yes	ZHANG Jianhua	Zhang, K.L., Feng, Z., Yang, J.F., Yang, F., Yuan, T., Zhang, D., Hao, G.F., Fang, Y.M., Zhang, J.H., Wu, C., Chen, M.X. and *Zhu, F.Y. (2020). Systematic characterization of the branch point binding protein, splicing factor 1, gene family in plant development and stress responses. <i>BMC Plant Biology</i> 20(1): ARTN 379. DOI: 10.1186/s12870-020-02570-6.	3.497	38/234	Plant Sciences

	With SKI affiliation	Professor	Author, title, journal name, year of publication and page number	IF	Rank in Category	
147.	No	ZHANG Jianhua	Zhang, N.N., Zou, H., Lin, X.Y., Pan, Q., Zhang, W.Q., Zhang, J.H., Wei, G.H., Shangguan, Z.P. and *Chen, J. (2020). Hydrogen sulfide and rhizobia synergistically regulate nitrogen (N) assimilation and remobilization during N deficiency-induced senescence in soybean. <i>Plant Cell and Environment</i> 43(5): 1130-1147. DOI: 10.1111/pce.13736.	6.362	11/234	Plant Sciences
148.	No	ZHANG Jianhua	Zhang, W.Y., Fu, L.D., Men, C.B., Yu, J.X., Yao, J.Y., Sheng, J.Y., Xu, Y.J., Wang, Z.Q., Liu, L.J., *Yang, J.C. and Zhang, J.H. (2020). Response of brassinosteroids to nitrogen rates and their regulation on rice spikelet degeneration during meiosis. <i>Food and Energy Security</i> 9(3):e201. DOI: 10.1002/fes3.201.	5.242	9/139	Food Science & Technology
149.	No	ZHANG Jianhua	Zhang, W.Y., Sheng, J.Y., Fu, L.D., Xu, Y.J., Xiong, F., Wu, Y.F., Wang, W.L., Wang, Z.Q., Zhang, J.H. and *Yang, J.C. (2020). Brassinosteroids mediate the effect of soil-drying during meiosis on spikelet degeneration in rice. <i>Environmental and Experimental Botany</i> 169:103887. DOI: 10.1016/j.envexpbot.2019.103887.	4.027	26/234 71/265	Plant Sciences Environmental Sciences
150.	Yes	ZHANG Jianhua	Zhang, Y.J., Du, H., Gui, Y., Xu, F.Y., Liu, J.P., Zhang, J.H. and *Xu, W.F. (2020). Moderate water stress in rice induces rhizosheath formation associated with abscisic acid and auxin responses. <i>Journal of Experimental Botany</i> 71(9): 2740-2751. DOI: 10.1093/jxb/eraa021.	5.908	14/234	Plant Sciences
151.	Yes	ZHANG Jianhua	Zhang, Y.J., Du, H., Xu, F.Y., Ding, Y.X., Gui, Y., Zhang, J.H. and *Xu, W.F. (2020). Root-Bacteria Associations Boost Rhizosheath Formation in Moderately Dry Soil through Ethylene Responses(1). <i>Plant Physiology</i> 183(2): 780-792. DOI: 10.1104/pp.19.01020.	6.902	10/234	Plant Sciences
152.	Yes	ZHANG Jianhua	Zhou, R., Hu, Q.J., Pu, Q., Chen, M.X., Zhu, X.R., Gao, C., Zhou, G.X., Liu, L.J., Wang, Z.Q., Yang, J.C., Zhang, J.H. and *Cao, Y.Y. (2020). Spermidine Enhanced Free Polyamine Levels and Expression of Polyamine Biosynthesis Enzyme Gene in Rice Spikelets under Heat Tolerance before Heading. <i>Scientific Reports</i> 10(1):8976. DOI: 10.1038/s41598-020-64978-2.	3.998	17/71	Multidisciplinary Sciences
153.	Yes	ZHANG Jianhua	Zou, H., Zhang, N.N., Lin, X.Y., Zhang, W.Q., Zhang, J.H., *Chen, J. and *Wei, G.H. (2020). Hydrogen sulfide is a crucial element of the antioxidant defense system in Glycine max-Sinorhizobium fredii symbiotic root nodules. <i>Plant and Soil</i> 449(1-2): 209-231. DOI: 10.1007/s11104-020-04465-9.	3.299	14/91 43/234 11/38	Agronomy Plant Sciences Soil Science

	With SKL affiliation	Professor	Author, title, journal name, year of publication and page number	IF	Rank in Category	
154.	Yes	ZHONG Silin	Tu, X.Y., Mejia-Guerra, M.K., Franco, J.A.V., Tzeng, D., Chu, P.Y., Shen, W., Wei, Y.Y., Dai, X.R., Li, P.H., Buckler, E.S. and *Zhong, S.L. (2020). Reconstructing the maize leaf regulatory network using ChIP-seq data of 104 transcription factors. <i>Nature Communications</i> 11(1): 5089. DOI: 10.1038/s41467-020-18832-8.	12.121	6/71	Multidisciplinary Sciences
155.	Yes	ZHONG Silin KANG Byung-Ho	Dong, P.F., Tu, X.Y., Liang, Z.Z., Kang, B.H. and *Zhong, S.L. (2020). Plant and animal chromatin three-dimensional organization: similar structures but different functions. <i>Journal of Experimental Botany</i> 71(17): 5119-5128. DOI: 10.1093/jxb/eraa220.	5.908	14/234	Plant Sciences
156.	Yes	ZHUAN G Xiaohong	Yang, C., Luo, M., Zhuang, X.H., Li, F.Q. and *Gao, C.J. (2020). Transcriptional and Epigenetic Regulation of Autophagy in Plants. <i>Trends in Genetics</i> 36(9): 676-688. DOI: 10.1016/j.tig.2020.06.013.	11.333	4/178	Genetics & Heredity

(b) Book Chapter or books

	#With SKL affiliation	Professor	Book Chapter or books
1.	Yes	CHAN Ting Fung	Swidah, R., Auxillos, J., Liu, W., Jones, S., Chan, T.F., Dai, J. and Cai, Y. (2020). SCRaMbLE-in: A Fast and Efficient Method to Diversify and Improve the Yields of Heterologous Pathways in Synthetic Yeast. <i>Methods in Molecular Biology</i> . 2205 : 305-327.
2.	Yes	JIANG Liwen	Luo, M., Zhu, Y., Liu, Z. and Jiang, L. (2020). Analysis of Membrane Proteins Transport from Endosomal Compartments to Vacuoles. <i>Methods in Molecular Biology</i> . 2177 : 15-21.
3.	Yes	KANG Byung-Ho	Wang, P. and Kang, B.H. (2020). Correlative Light and Electron Microscopy Imaging of the Plant trans-Golgi Network. <i>Methods in Molecular Biology</i> . 2177: 59-67. https://www.ncbi.nlm.nih.gov/pubmed/32632805
4.	Yes	LAM Hon-Ming	Nawaz, M.A., Golokhvast, K.S., Tsatsakis, A.M., Lam, H.M. and Chung, G. (2020). GMOs, biodiversity and ecosystem. <i>GMOs – Implications for Biodiveristy Conservation and Ecological Processes</i> . Chaurasia, A., Hawksworth, D.L. and de Miranda, M.P. Switzerland, Springer: 3-17.