

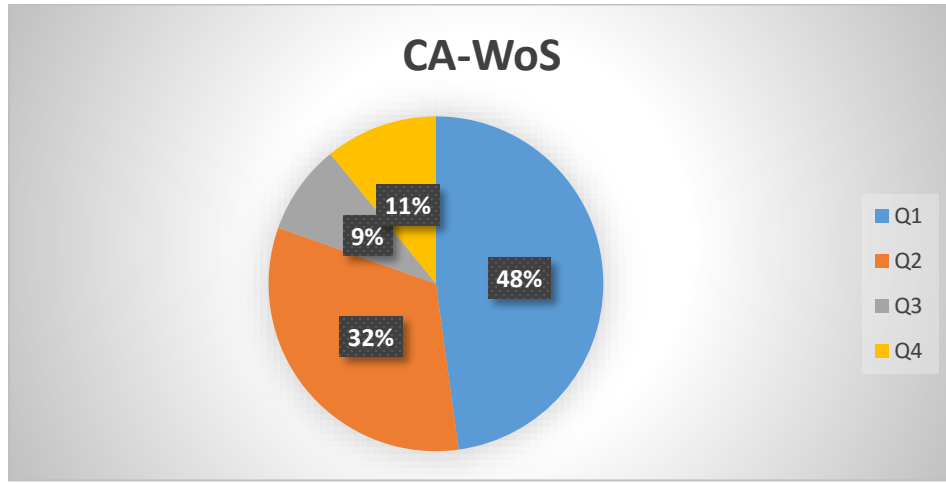
1. PUBLICATION

Publication as of December 2022

	Total	KPi (Target)
CA-WOS	45 - 41 published - 5 early access Q1 - 22 Q2 - 15 Q3 - 4 Q4 - 4	24
Scopus	5	14
Book		3
Chapter in Books		6
Policies/ Technical report/ policy/ guideline/ creative work/		2
Other publications (Indexed extended abstract, creative book, conference proceedings, journal A&B, Refereed journal article, Newsletter, Textbooks, Article in magazines, digital or print media	16	16

No.	Measures	Achievement (as of 1 st June 2022)
1.	Total number of publications: Number of WoS paper	Targeted = 24 Achieved = 45
2.	Total number of publications: Number of Scopus paper	Targeted = 14 Achieved = 5

3.	Percentage of publication in WoS Q1 & Q2 journals	$(Q1 = 22) + (Q2 = 15) = 37$ $(37/45) \times 100 = 82.22\%$
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1.1 CA-WoS (46/24)

Indexed	Q
1. Yan, TT., Teo, EW., Lim, BH., Lin, B. (2022). Evaluation of competency and job satisfaction by positive human psychology among physical education teachers at the university level: A systematic review. FRONTIERS IN PSYCHOLOGY. Volume13 (1084961). DOI10.3389/fpsyg.2022.1084961	Q1
2. Hussain, B., Cheong, JPG. (2022). Improving gross motor skills of children through traditional games skills practiced along the contextual interference continuum. FRONTIERS IN PSYCHOLOGY. 13 (986403). DOI10.3389/fpsyg.2022.986403	Q1
3. Fitri, M., Abidin, NEZ., Novan, NA., Kumalasari, I., Haris, F., Mulyana, B., Khoo, S., Yaacob, N. (2022). Accessibility of Inclusive Sports Facilities for Training and Competition in Indonesia and Malaysia. SUSTAINABILITY. Volume14 (21) 14083 DOI10.3390/su142114083	Q2
4. Lee, MY., Khong, TK., Ramliy, N., Yusof, A. (2022). Relationship between objective and subjective hydration measures on sprint performance among soccer players during actual matches in hot and humid environment. JOURNAL OF SPORTS MEDICINE AND PHYSICAL FITNESS. Volume62 (11) 1560-1567. DOI10.23736/S0022-4707.21.13413-9	Q3
5. Feng, XW., Hadizadeh, M., Zheng, LH., Li, WH. (2022). A Bibliometric and Visual Analysis of Exercise Intervention Publications for Alzheimer's Disease (1998-	Q1

2021). JOURNAL OF CLINICAL MEDICINE. Volume11 (19, 5903. DOI10.3390/jcm11195903	
6. Abuajwa, B., Hamlin, M., Hafiz, E., Razman, R. (2022). The effect of high and low velocity-based training on the throwing performance of collegiate handball players. PEERJ. Volume10 (14049). DOI10.7717/peerj.14049	Q1
7. Xing, C., Abidin, NEZ. , Tang, YD. (2022). Emei Martial Arts Promotion Model and Properties Based on Neural Network Technology. INTERNATIONAL TRANSACTIONS ON ELECTRICAL ENERGY SYSTEMS. No. 6906844. DOI10.1155/2022/6906844	Q3
8. Yusop, MNM., Aman, MS., Abdullah, MF. , Abu Bakar, A. (2022). Student-Athletes' Evaluation on Coaching Competencies Among Track and Field Coaches of Malaysian Sports Schools. International Journal of Early Childhood Special Education. 14, 02 5053-5063. DOI10.9756/INT-JECSE/V14I2.571	Q4
9. Lau, CF., Shahimi, NH., Mat, S., Kioh, SH., Khoo, S. (2022). Differences in Physical and Mental Health of Older Adults over the Covid-19 Pandemic from Face-to-Face versus Hybrid Methods. AGING MEDICINE AND HEALTHCARE. Volume13 (3, 139-146). DOI10.33879/AMH.133.2022.02012	Q4
10. Alhumaid, MM., Brooke, M., Khoo, S. (2022). Insider Perspectives on Saudi Arabia's Fakher Disability Sports Programme. SUSTAINABILITY. Volume14 (17, 10706. DOI10.3390/su141710706	Q2
11. Wong, RSK., How, PN., Cheong, JPG. (2022)The Effectiveness of a Mindfulness Training Program on Selected Psychological Indices and Sports Performance of Sub-Elite Squash Athletes. FRONTIERS IN PSYCHOLOGY. Volume13 (906729). DOI10.3389/fpsyg.2022.906729	Q1
12. Lin, B., Teo, EW. , Yan, TT. (2022). The Impact of Smartphone Addiction on Chinese University Students? Physical Activity: Exploring the Role of Motivation and Self-Efficacy. PSYCHOLOGY RESEARCH AND BEHAVIOR MANAGEMENT. Volume15 (2273-2290). DOI10.2147/PRBM.S375395	Q2
13. Zhu, MJ., Lee, TXY., Hsieh, YW., Lai, LF., Condello, G., Donnelly, CJ., Cyril Smith, M., Hamzah, SH., Lim, BH. , Huang, CY., Chi, NF., Kuo, CH. (2022). Vascular function in the aging human brain during muscle exertion. AGING-US. Volume14, 9 (3910-3920)	Q2
14. Li, HL., Cheong, JPG. (2022). The Impact of the COVID-19 Pandemic on the Physical Fitness of Primary School Students in China Based on the Bronfenbrenner Ecological Theory. FRONTIERS IN PSYCHOLOGY. (896046). DOI10.3389/fpsyg.2022.896046	Q1
15. Chong, YY., Sherry, E., Harith, S., Khoo, S. (2022). Sport for Development Programs Contributing to Sustainable Development Goal 5: A Review. SUSTAINABILITY. Volume14, 11 (6828). DOI10.3390/su14116828	Q2

16. Xu, RL., Chin, NS., Teo, EW. (2022). Psychometric Properties of the Chinese version of Situational Motivational Scale for Physical Education Students of Sports department. REVISTA DE PSICOLOGIA DEL DEPORTE Volume31,1 (179-185).	Q4
17. Najafi, P., Hadizadeh, M., Cheong, JPG. , Mohafez, H., Abdullah, S. (2022). Cytokine Profile in Patients with Multiple Sclerosis Following Exercise: A Systematic Review of Randomized Clinical Trials. INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH. Volume19, 13 (8151). DOI10.3390/ijerph19138151.	Q1
18. Dhiman, G., Juneja, S., Mohafez, H., El-Bayoumy, I., Sharma, LK., Hadizadeh, M., Islam, MA., Viriyasitavat, W., Khandaker, MU. (2022). Federated Learning Approach to Protect Healthcare Data over Big Data Scenario. SUSTAINABILITY. Volume14, 5 (2500). DOI10.3390/su14052500	Q2
19. Zulfikri, Noh, Selvanayagam, Victor S., Mohamad Shariff AH & Yusof, A. (2022). Prevalence, patterns and factors associated with injury: comparison between elite Malaysian able-bodied and para-badminton players. THE PHYSICIAN AND SPORTS MEDICINE. DOI: 10.1080/00913847.2021.1930241.	Q2
20. Feng, XW., Hadizadeh, M., Cheong, JPG. (2022). Global Trends in Physical-Activity Research of Autism: Bibliometric Analysis Based on the Web of Science Database (1980-2021). INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH. Volume19 (12) 7278. DOI10.3390/ijerph19127278.	Q1
21. Ismail, H., Khoo, S., Idrus, MM., Cheong, JPG., Razman, R. (2022). Newspaper Coverage of Paralympic Athletes: A Multimodal Discourse Analysis. SAGE OPEN. Volume12 (2) 21582440221102434. DOI10.1177/21582440221102434.	Q2
22. Amini, E., Yusof, A., Riek, S., Selvanayagam, VS. (2022). Interaction of hand orientations during familiarization of a goal-directed aiming task. HUMAN MOVEMENT SCIENCE. Volume83 (102955). DOI10.1016/j.humov.2022.102955.	Q3
23. Naharudin, MN, Yusof, A. (2022). The effect of 10 days of energy-deficit diet and high-intensity exercise training on the plasma high-density-lipoprotein (HDL) level among healthy collegiate males. EUROPEAN JOURNAL OF SPORT SCIENCE. DOI: 10.1080/17461391.2020.1869836.	Q1
24. Marathamuthu, S., Selvanayagam, VS., Yusof, A. (2022). Contralateral Effects of Eccentric Exercise and DOMS of the Plantar Flexors: Evidence of Central Involvement. RESEARCH QUARTERLY FOR EXERCISE AND SPORT. Volume93 (2) 240-249. DOI10.1080/02701367.2020.1819526.	Q3
25. Habib, MB., Khoo, S., Morris, T. (2022). Motives and Passion of Adults from Pakistan toward Physical Activity. INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH. Volume19 (6) 3298. DOI10.3390/ijerph19063298.	Q1
26. Zhao, SG., Khoo, S., Ng, SC., Chi, AP. (2022). Brain Functional Network and Amino Acid Metabolism Association in Females with Subclinical Depression.	Q1

INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH. Volume19 (6) 3321. DOI10.3390/ijerph19063321.	
27. Ahmad, MA., Hamid, MSA., Yusof, A. (2022). Effects of low-level and high-intensity laser therapy as adjunctive to rehabilitation exercise on pain, stiffness and function in knee osteoarthritis: a systematic review and meta-analysis. PHYSIOTHERAPY Volume114 (85-95). DOI10.1016/j.physio.2021.03.011.	Q1
28. Rarujanai, K., Teo, EW. , Siong, CN., Ling, A., Kuan, G. (2022). Understanding Players' Sportspersonship Attitude, Expectancy-Related Beliefs, and Subjective Task Values in Field Hockey: An Integrated Approach. INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH Volume19 (8) 4819. DOI10.3390/ijerph19084819.	Q1
29. Wang, NN., Rahman, MNA., Lim, BH. (2022). Teaching and Curriculum of the Preschool Physical Education Major Direction in Colleges and Universities under Virtual Reality Technology. COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE. DOI10.1155/2022/3250986. 3250986.	Q2
30. Suhaimi, SA., Muller, AM., Hafiz, E., Khoo, S. (2022). Occupational sitting time, its determinants and intervention strategies in Malaysian office workers: a mixed-methods study. HEALTH PROMOTION INTERNATIONAL. Volume37 (2) 149. DOI10.1093/heapro/daab149.	Q2
31. Harith, S., Backhaus, I., Mohbin, N., Ngo, HT., Khoo, S. (2022). Effectiveness of digital mental health interventions for university students: an umbrella review. PEERJ. Volume10. DOI10.7717/peerj.13111	Q1
32. Noh, Y. , & Shahdan, S. (2022). A model for formulating the relationship between religion and sport performance: A grounded theory approach. INTERNATIONAL JOURNAL OF SPORT AND EXERCISE PSYCHOLOGY, DOI: 10.1080/1612197X.2021.1891123.	Q1
33. Lin, B., Teo, EW. , Yan, TT. (2022). Development and Validation of Chinese University Students' Physical Activity Motivation Scale Under the Constraint of Physical Education Policies. FRONTIERS IN PSYCHOLOGY. Volume13. 722635. DOI: 10.3389/fpsyg.2022.722635.	Q1
34. Naharudin, M. N., Yusof, A. , Clayton, D., & Lewis, J. (2022). Starving your performance? Increased pre-exercise hunger reduces resistance exercise performance. INTERNATIONAL JOURNAL OF SPORTS PHYSIOLOGY AND PERFORMANCE. DOI: https://doi.org/10.1123/ijsp.2021-0166 .	Q1
35. Li, H., Khoo, S. , Yap, HJ. (2022). Implementation of Sequence-Based Classification Methods for Motion Assessment and Recognition in a Traditional Chinese Sport (Baduanjin). INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH. Volume19. 3-1744. DOI: 10.3390/ijerph19031744.	Q1
36. Zhao, SG., Ng, SC., Khoo, S. , Chi, AP. (2022). Temporal and Spatial Dynamics of EEG Features in Female College Students with Subclinical Depression.	Q1

<p>INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH. Volume19. 3-1778. DOI: 10.3390/ijerph19031778.</p> <p>37. Dhiman, G., Juneja, S., Viriyasitavat, W., Mohafez, H., Hadizadeh, M., Islam, MA., El Bayoumy, I., Gulati, K. (2022). A Novel Machine-Learning-Based Hybrid CNN Model for Tumor Identification in Medical Image Processing. SUSTAINABILITY. Volume14. 3-1447. DOI: 10.3390/su14031447.</p> <p>38. Ramasamy, Y., Sundar, V., Usman, J., Razman, R., Towler, H., King, MA. (2022). Relationships between Racket Arm Joint Moments and Racket Head Speed during the Badminton Jump Smash Performed by Elite Male Malaysian Players. APPLIED SCIENCES-BASEL. Volume12. 2-880. DOI: 10.3390/app12020880.</p> <p>39. Zhao, SG., Long, FF., Wei, X., Ni, XL., Wang, H., Wei, BK. (2022) Evaluation of a Single-Channel EEG-Based Sleep Staging Algorithm. INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH. (PhD Student-AP Dr. Selina Khoo)</p> <p>40. Habib, MB., Nazeer, MT., Mahfooz, M., Safdar, MS. (2022) Physical activity in Pakistani perspective: issues, implications, and recommendations. JOURNAL OF THE PAKISTAN MEDICAL ASSOCIATION. Volume72 (2) 322-328. DOI: 10.47391/JPMA.20-323. (PhD Student-Dr. Young-Eun Noh)</p>	<p></p> <p>Q2</p> <p>Q2</p> <p>Q1</p> <p>Q4</p>
Early Access	
<p>1. Chiew, TK., Khoo, S., Ansari, P., Kiruthika, U. (2022). Mobile and wearable technologies for persons with disabilities: a bibliometric analysis (2000-2021). DISABILITY AND REHABILITATION-ASSISTIVE TECHNOLOGY. DOI10.1080/17483107.2022.2138996.</p> <p>2. Hao, YR., Razman, R. (2022). The association of socioeconomic status with sedentary behaviour and moderate-to-vigorous intensity physical activity among children with intellectual disability. DOI10.1080/20473869.2022.2133445</p> <p>3. Hashim, NNA., Mat, S., Myint, PK., Kioh, SH., Delibegovic, M., Chin, AV., Kamaruzzaman, SB., Hairi, NN., Khoo, S., Tan, MP. (2022). Increased body mass index is associated with sarcopenia and related outcomes. EUROPEAN JOURNAL OF CLINICAL INVESTIGATION 13874. DOI10.1111/eci.13874</p> <p>4. Hao, YR; Razman, R. (2022). Family factors associated with physical activity in children with intellectual disability: A systematic review. JOURNAL OF INTELLECTUAL DISABILITIES. DOI10.1177/17446295221130913.</p> <p>5. Noh, YE., Lim, BH., Danaee, M (2022). Motives for physical activity participation: does religious faith play a mediating role? INTERNATIONAL JOURNAL OF SPORT AND EXERCISE PSYCHOLOGY. DOI10.1080/1612197X.2022.2090986.</p>	<p>Q2</p> <p>Q2</p> <p>Q1</p> <p>Q2</p> <p>Q1</p>

1.2 Scopus (5/14)

1. Pratama, K. W., **Aman, M. S.**, Sutoyo, E., Karakauki, M., Ali, S. K. S., Mustapha, A., Nasrulloh, A. (2022). An alternative soft set approach for identifying football conflict: A case study of Indonesian football super league. *International Journal on Advanced Science, Engineering and Information Technology*, 12(4), 1351-1364. doi:10.18517/ijaseit.12.4.14246
2. Sapiee, N. M., Leu, J. Y., Tanra, M., Safii, N. S., Seng, T. W., **Hamzah, S. H.**, Arsad, N. (2022). Design and development of printed circuit board (PCB) for smart calorie counter system. Paper presented at the *2022 9th International Conference on Electrical and Electronics Engineering, ICEEE 2022*, 90-94. doi:10.1109/ICEEE55327.2022.9772591
3. Mohafez, H., Sayed, H., **Hadizadeh, M.**, Wee, L. K., & Ahmad, S. A. (2022). Detection of knee osteoarthritis and prediction of its severity using X-ray image analysis and patients assessment data: A hybrid design. Paper presented at the *IFMBE Proceedings, 86* 143-151. doi:10.1007/978-3-030-90724-2_16
4. **Hadizadeh, M.**, Mohafez, H., Lai, K. W., & Amri, S. B. (2022). Restoration of gait spatio-temporals after anterior cruciate ligament reconstruction. Paper presented at the *IFMBE Proceedings, 86* 217-224. doi:10.1007/978-3-030-90724-2_23
5. Zaghlul, N. S. A., Goh, S. L., **Razman, R.**, Karman, S., & Chan, C. K. (2022). A preliminary study of ankle muscular strategy during single leg stance. Paper presented at the *IFMBE Proceedings, 86* 303-311. doi:10.1007/978-3-030-90724-2_33

1.3 Books (1/3)

1. Mohamed Rusli Abdullah, Julia Omar, Yazid Abdul Rani, **Eliza Hafiz.** (2022). *JIT: Latihan Jeda Berintensiti Tinggi*. PENERBIT UNIVERSITI SAINS MALAYSIA (USM).

1.2 Chapter in book (0/6)

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1.3 Number of Policies/ Technical report/ policy/ guideline/ creative work (0/2)

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1.4 Number of other publications (Indexed extended abstract, creative book, conference proceedings, journal A&B, Refereed journal article, Newsletter, Textbooks, Article in magazines, digital or print media (4/16))

1. **Dr. Khong Teng Keen and Assoc. Prof. Dr. Ashril Yusof.** 2022. The Effects of Static and Dynamic Stretching on Hamstring, Lumbar and Quadriceps Flexibility during Menstruation among University Students. 1st AGILEMAS RESEARCH IN HIGH PERFORMANCE SPORTS COLLOQUIUM (HPSC) 2022.
2. **Dr. Ashril Yusof, Dr. Khong Teng Keen and Dr. Rizal Razman.** 2022. Relationship of Jump Asymmetry of Force Production and Leg Strength. 1st AGILEMAS RESEARCH IN HIGH PERFORMANCE SPORTS COLLOQUIUM (HPSC) 2022.
3. **Dr. Khong Teng Keen and Assoc. Prof. Dr. Ashril Yusof.** 2022. Comparison Between Traditional and Plyometric on Running Speed, Balance and Coordination Among Varsity Netball Players. 1st AGILEMAS RESEARCH IN HIGH PERFORMANCE SPORTS COLLOQUIUM (HPSC) 2022.
4. **Dr. Khong Teng Keen, Assoc. Prof. Dr. Ashril Yusof and Dr. Rizal Razman.** 2022. The Effects of Ecological Sandals and Flip-Flop on Gait Kinematics among Healthy Male University Students. 1st AGILEMAS RESEARCH IN HIGH PERFORMANCE SPORTS COLLOQUIUM (HPSC) 2022.
5. **Assoc. Prof. Dr. Ashril Yusof and Dr. Khong Teng Keen.** 2022. The Effects of Foam Rolling on Muscle Stiffness, Sprint Performance and Strength Performance. 1st AGILEMAS RESEARCH IN HIGH PERFORMANCE SPORTS COLLOQUIUM (HPSC) 2022.
6. **Dr. Khong Teng Keen and Assoc. Prof. Dr. Ashril Yusof.** 2022. Effects of Lower Body Plyometric Exercises on Endurance and Power Performances in Vertical Running. 1st AGILEMAS RESEARCH IN HIGH PERFORMANCE SPORTS COLLOQUIUM (HPSC) 2022.
7. **Dr. Khong Teng Keen and Assoc. Prof. Dr. Ashril Yusof.** 2022. The Effect of Sleeping Time on Reaction Time Among Esports Athletes. 1st AGILEMAS RESEARCH IN HIGH PERFORMANCE SPORTS COLLOQUIUM (HPSC) 2022.
8. **Assoc. Prof. Dr. Ashril Yusof and Dr. Khong Teng Keen.** 2022. The Impact of Covid-19 Pandemic Induced Restrictions on Physical Activity and Food Intake Habits among University Students. 1st AGILEMAS RESEARCH IN HIGH PERFORMANCE SPORTS COLLOQUIUM (HPSC) 2022.
9. **Assoc. Prof. Dr. Ashril Yusof and Dr. Khong Teng Keen.** 2022. Transfer of VO₂max Gain between Upper and Lower Body. 1st AGILEMAS RESEARCH IN HIGH PERFORMANCE SPORTS COLLOQUIUM (HPSC) 2022.

10. **Assoc. Prof. Dr. Ashril Yusof and Dr. Khong Teng Keen.** 2022. Effects of Caffeine Mouth Rinse on Power and Endurance Performance, and Fatigue. 1st AGILEMAS RESEARCH IN HIGH PERFORMANCE SPORTS COLLOQUIUM (HPSC) 2022.
11. **Dr. Mohd Firdaus Abdullah.** 2022. Keseronokan keluarga menikmati Piala Dunia Qatar 2022. Sinar Harian, 7 Disember 2022.
<https://www.sinarharian.com.my/article/234983/berita/sukan/keseronokan-keluarga-menikmati-piala-dunia-qatar-2022>.
12. **Dr. Mohamed Nashrudin Naharudin.** 2022. Sukan SEA 2021: Berjaya dalam gagal? Malaysia Kini, 1 Jun 2022. <https://www.malaysiakini.com/sukan/623258?>
13. **En. Mohd Firdaus Abdullah.** 2022. Rutin menggembirakan buat diri kekal sihat. Kosmo, 3 Jun 2022. <https://rmis.um.edu.my/view.php?type=publication&row=MTE5Mzcz>
14. **En. Mohd Firdaus Abdullah.** 2022. Bantu anak cergas, cegah obesiti. Kosmo, 8 April 2022. <https://rmis.um.edu.my/view.php?type=publication&row=MTE5Mzcy>.
15. **Dr. Sareena Hanim Hamzah.** 2022. Seek balance for health. New Straits Times Malaysia (Bhd). 3 Januari 2022. <https://api.nst.com.my/lifestyle/heal/2022/01/759800/seek-balance-health>
16. **Dr. Mohamad Faithal Hj. Hassan.** 2022. Bedah siasat guna orang luar wajar - Faithal. My Metro: Harian Metro, New Straits Times Malaysia (Bhd), 8 Januari 2022. NSTP: Kuala Lumpur. <https://www.hmetro.com.my/arena/bola-sepak/2022/01/797850/bedah-siasat-guna-orang-luar-wajar-faithal>