

DAFTAR PUSTAKA

- Adhi, Y. N. (2018). Pengaruh latihan ladder drill crossover shuffle terhadap kecepatan. *Jurnal Kesehatan Olahraga*, 2(7), 182–192.
- Adliah, F., Rini, I., Natsir, W. S., & Sari, T. (2023). Effects of balance and strength tele-exercise (BAST) on muscle strength and functional mobility in older adults. *Jurnal Ilmiah Kesehatan Sandi Husada*, 12(1), 25–32. <https://doi.org/10.35816/jiskh.v12i1.858>
- Afrinaldi, D., Yenes, R., Nurmai, E., & Rasyid, W. (2021). Kontribusi daya ledak otot tungkai, koordinasi mata-kaki dan keseimbangan terhadap akurasi shooting sepakbola. *Jurnal Patriot*, 3(4), 373–386. <https://doi.org/10.24036/patriot.v%vi%i.751>
- Akbari, H., Sahebozamani, M., Daneshjoo, A., & Amiri-Khorasani, M. (2018). Effect of the FIFA 11+ programme on vertical jump performance in elite male youth soccer players. *Montenegrin Journal of Sports Science and Medicine*, 7(2), 17–22. <https://doi.org/10.26773/mjssm.180903>
- Aldha Yudi, A., Charis, St. I., & Mariati, S. (2019). Pengaruh latihan plyometric terhadap kemampuan lompat jauh. *Jurnal Performa*, 4(1), 2528–6102. <http://performa.ppj.unp.ac.id/index.php/kepel/index>
- Aldridge, B. (2023). Maximizing performance – the role of hip mobility in athletic success. *Brainz Magazine*. <https://www.brainzmagazine.com/post/maximizing-performance-the-role-of-hip-mobility-in-athletic-success>
- Andiyanto. (2020). Pengaruh daya ledak otot tungkai, daya ledak otot lengan, dan percaya diri terhadap kemampuan smash atlet bola voli. *JIPP*, 4(2).
- Andriadi, A., & Saputra, A. (2021). Pengembangan model pembelajaran gerak dasar melompat berbasis permainan untuk anak sekolah dasar. *Jurnal Pendidikan Jasmani Indonesia*, 17(1), 41–47. <https://doi.org/10.21831/jpji.v17i1.35422>
- Ankle hops. (n.d.). Retrieved December 4, 2023, from <https://www.vectorstock.com/royalty-free-vector/woman-doing-ankle-hops-exercise-flat-vector-39740599>
- Arabatzi, F., Kellis, E., & De Villarreal, E. S.-S. (2010). Vertical jump biomechanics after plyometric, weight lifting, and combined (weight lifting + plyometric) training. *Journal of Strength and Conditioning Research*, 24(2), 2440–2448.
- Arifan, I., S, A., & Barlian, E. (2020). Pengaruh latihan jump to box terhadap kemampuan heading. *Jurnal Performa Olahraga*, 5(1), 73–79. <https://doi.org/10.24036/jpo143019>
- Arifin, S., & Yuni, S. (2019). *Atlas anatomi otot manusia untuk fisioterapi* (2nd ed.). Salemba Medika .

- Asim. (2010). Pengembangan bola untuk gerak multilateral siswa sekolah sepak bola di kepanjen malang. *JURNAL PENDIDIKAN DAN PEMBELAJARAN*, 17(2).
- Bahar, C. (2022). Hubungan daya ledak otot tungkai dengan kemampuan tolak peluru mahasiswa STKIP muhammadiyah sungai penuh. *Jurnal Inovasi Penelitian*, 1(8), 5071–5080.
- Beyleroğlu, M., & Çetin, O. (2023). *Acute effects of hip mobility exercises in addition to dynamic warm-up on vertical jump, maximal and isometric strength parameters*. <https://doi.org/10.15314/tsed.1206149>
- Bogalho, D., Gomes, R., Mendes, R., Dias, G., & Castro, M. A. (2022). Impact of flexibility on vertical jump, balance and speed in amateur football players. *Applied Sciences (Switzerland)*, 12(11). <https://doi.org/10.3390/app12115425>
- Bordoni, B., & Varacallo, M. (2023a). Anatomy, bony pelvis and lower limb, *gastrocnemius muscle*. *StatPearls*. <https://www.ncbi.nlm.nih.gov/books/NBK532946/>
- Bordoni, B., & Varacallo, M. (2023b). Anatomy, bony pelvis and lower limb, *iliopsoas muscle*. *StatPearls*. <https://www.ncbi.nlm.nih.gov/books/NBK531508/>
- Brooks, T., & Cressey, E. (2013). Mobility training for the young athlete. *Strength and Conditioning Journal*, 35(3), 27–33. <http://journals.lww.com/nsca-scj>
- Budiman, A. F., & Widiyanto. (2014). Perbedaan sudut tolakan terhadap nilai power tungkai. *MEDIKORA*, 13(1).
- Bushman, B. A. (2016). *Flexibility exercises and performance*. www.acsm-healthfitness.org
- Cetin, O., Isik, O., & Yasar, M. N. (2020). The acute effects of a dynamic warm-up including hip mobility exercises on sprint, agility and vertical jump performance. *European Journal of Human Movement*, 45, 1–7. <https://doi.org/10.21134/eurjhm.2020.45.6>
- Chan, F. (2012). Strength training (latihan kekuatan). *Jurnal Cerdas Sifa*.
- Chesterman, T. (2017, April 28). *The biomechanics of a goalkeeper dive in soccer*. LinkedIn. <https://www.linkedin.com/pulse/biomechanics-goalkeeper-dive-soccer-tom-chesterman/>
- Chmielewski, T. L., Myer, G. D., Kauffman, D., & Tillman, S. M. (2006). Plyometric exercise in the rehabilitation of athletes: Physiological responses and clinical application. In *Journal of Orthopaedic and Sports Physical Therapy* (Vol. 36, Issue 5, pp. 308–319). Movement Science Media. <https://doi.org/10.2519/jospt.2006.2013>
- CNN Indonesia. (2023, January 11). *Al Nassr pamer lompatan maut ronaldo, pemain lain melongo*. CNN Indonesia . <https://www.cnnindonesia.com/olahraga/20230111195142-142-899195/al-nassr-pamer-lompatan-maut-ronaldo-pemain-lain-melongo>

- Contarli, N., & Özmen, T. (2021). Relationship between q angle, dynamic balance and vertical jump height in gymnasts. *Çanakkale Onsekiz Mart Üniversitesi Spor Bilimleri Dergisi*, 4(3), 32–43. <https://orcid.org/0000-0002-4483-9655>
- Daryono, Gede Arya Sena, I., Luh Made Reny Wahyu Sari, N., Made Yoga Parwata, I., Kharismawan, P., Kesehatan, F., dan Teknologi, S., & Dhyana Pura Badung -Bali, U. (2023). *Hubungan indeks masa tubuh dengan tinggi lompatan pada pemain basket*. 10(2).
- Davies, G., Riemann, B. L., & Manske, R. (2015). Current concepts of plyometric exercise. *The International Journal of Sports Physical Therapy*, 10(6), 760.
- Davis, D. S., Briscoe, D. A., Markowski, C. T., Saville, S. E., & Taylor, C. L. (2003). Physical characteristics that predict vertical jump performance in recreational male athletes. *Physical Therapy in Sport*, 4(4), 167–174. [https://doi.org/10.1016/S1466-853X\(03\)00037-3](https://doi.org/10.1016/S1466-853X(03)00037-3)
- De Salles, P., Vasconcellos, F., De Salles, G., Fonseca, R., & Dantas, E. (2012). Validity and reproducibility of the sargent jump test in the assessment of explosive strength in soccer players. *Journal of Human Kinetics*, 33(1), 115–121. <https://doi.org/10.2478/v10078-012-0050-4>
- Dlis, F., Yudhoi, F. H. P., Kemala, A., Santos, M. H. Dos, Aryanti, N. E., Yuliandra, R., Rismanto, Mulyono, A., Hasanuddin, M. I., Suardi, D., Kholik, A., Arif Hidayat, & Nasution, N. S. (2022). Konsep long term athlete development dalam pelatihan atlet jangka panjang. In R. A. Nugroho (Ed.), *Konsep Long Term Athlete Development dalam Pelatihan Atlet Jangka Panjang* (pp. 74–76). Jejak Putaka.
- Drop jump.* (n.d.). Retrieved November 3, 2023, from <https://hotcore.info/act/kareff-111579.html>
- Dubey, Dr. A. K., & Yadav, Dr. S. K. S. (2023). Effect of four weeks plyometric training program on vertical jump and speed on male university players of Chhatrapati Sahu ji Maharaj University, Kanpur. *Journal of Sports Science and Nutrition*, 4(1), 48–51. <https://doi.org/10.33545/27077012.2023.v4.i1a.148>
- Dunleavy, K., & Slowik, A. K. (2018). Therapeutic exercise prescription. In *Therapeutic Exercise Prescription*. Elsevier. <https://doi.org/10.1016/B978-0-323-28053-2.01001-2>
- Esti Pranwengrum, D., Dewa Putu Sutjana, I., Putu Gde Purwa Samatra, D., Gde Bagus Mahadewa, T., & Made Indah Sri Handari Adiputra, L. (2021). *Kombensi static stretching dan plyometric training lebih baik daripada static stretching dan strength training dalam meningkatkan vertical jump pada pemain voli*. 9(1), 29–33.
- Fabio, S., Cahyo Kartiko S-, D., Jasmani, P., & dan Rekreasi, K. (2022). Tingkat aktivitas fisik masyarakat program studi pendidikan jasmani kesehatan dan rekreasi pada masa pandemi. *Jurnal Pendidikan Olahraga Dan Kesehatan*, 10(1). <https://ejournal.unesa.ac.id/index.php/jurnal-pendidikan-jasmani>

- Fadhil Farhan, A., Justine, M., & Kamil Mohammed, S. (2013). Effect of training program on physical performance in junior male Malaysian soccer players. *Journal of Physical Education and Sport*, 13(2), 238–243. <https://doi.org/10.7752/jpes.2013.02039>
- Faqihudin, A., Nasution, M., & Wahadi. (2015). Pengaruh daya ledak dan latihan kekuatan terhadap hasil jump heading. *Unnes Journal of Sport Sciences*, 4(2). <http://journal.unnes.ac.id/sju/index.php/ujss>
- Farhanto, G., Septa, B., Triaditya, M., Setiawan, W., Kesehatan, P. J., & Rekreasi, D. (2018). Pengaruh jumlah langkah awalan terhadap jarak lemparan (throw in) sepakbola. In *Prosiding Seminar Nasional IPTEK Olahraga* (Vol. 5). <http://www.hayyinawwaliyya.blogspot.com>,
- Fitrah Safaruddin, M., Iqbal, M., & Chan, A. A. S. (2019). Hubungan antara kelentukan dan daya ledak otot tungkai dengan kemampuan lompat jauh. *Jurnal Patriot*, 1(1), 286–292.
- Ghada A. El Khayat. (2007). *Vertical jump: biomechanical analysis and simulation study*. INTECH Open Access Publisher.
- Gilligan, K. (2016, September 19). *Plyometric training & stretch shortening cycle (SSC) - strength & conditioning courses*. KG Elite Performance. <https://www.kgelite.ie/plyometric-training-stretch-shortening-cycle-ssc/>
- Girsang, F. H., & Supriadi, A. (2021). Pengaruh variasi latihan shooting after dribbling dan shooting after passing terhadap akurasi shooting pada atlet usia 11-13 tahun SSB soccer pratama tahun 2021. In *Journal Physical Health Recreation* (Vol. 2, Issue 1).
- Gold, M., Munjal, A., & Varacallo, M. (2023). Anatomy, bony pelvis and lower limb, hip joint. *StatPearls*. <https://www.ncbi.nlm.nih.gov/books/NBK470555/>
- Goldblatt, D., & Acton, J. (2018). *The soccer book, 4th edition* (B. Birdle, C. Hawkes, & C. Stone, Eds.; 4th ed.). Jonathan Metcalf.
- Gumantan, A. (2018). Perbandingan latihan dengan menggunakan bola ukuran 4 dan 5 terhadap ketepatan menendang bola ke arah gawang. *Journal of S.P.O.R.T*, 2(1).
- Gupton, M., Imonugo, O., & Terreberry, R. R. (2022). Anatomy, bony pelvis and lower limb, knee. *StatPearls*. <https://www.ncbi.nlm.nih.gov/books/NBK500017/>
- Gustafsson, J. (2023, October 6). *Goalkeeper training: 5 key movement skills and how to train them*. Science for Sport. <https://www.scienceforsport.com/goalkeeper-training-5-key-movement-skills-and-how-to-train-them/>
- Hamsa, H., Khan, M. H., Tanwar, T., Irshad, N., & Nuhmani, S. (2021). Acute effects of weighted plyometric exercise on sprint, agility and jump performance in university football players. *Physical Activity Review*, 9(1), 1–8. <https://doi.org/10.16926/par.2021.09.01>

- Hari Purnami, A. F. (2019). Pengaruh Latihan Plyometric Terhadap Kemampuan Kecepatan, Power, dan Kelincahan. *Jurnal Prestasi Olahraga*, 2(2).
- Harry, J. R., Barker, L. A., James, R., & Dufek, J. S. (2017). Performance differences among skilled soccer players of different playing positions during vertical jump and landing. *Journal of Strength and Conditioning Research*, 32(2), 304–312. www.nsca.com
- Ilano, J. (2023, October). *Hip mobility exercises : 3 proven routines to unlock your tight hips*. GMB. <https://gmb.io/hip-mobility/>
- Irfan, M., Yenes, R., Irawan, R., Oktavianus, I., Pendidikan, P. S., Olahraga, K., & Keolahragaan, I. (2020). Kemampuan teknik dasar sepak bola. *Jurnal Patriot*, 2(3).
- Ježdimirović, M., Joksimović, A., Stanković, R., & Bubanj, S. (2013). Differences in the vertical jump in soccer players according their position on the team. *Physical Education and Sport* , 11, 221–226.
- Juneja, P., & Hubbard, J. B. (2022). Anatomy, bony pelvis and lower limb: tibialis anterior muscles. *StatPearls*. <https://www.ncbi.nlm.nih.gov/books/NBK513304/>
- L. Moir, G. (2016). *Strength conditioning*. Jones & Barlett Learning.
- Litalia. (2023, April 25). *Teknik cara menyundul bola atau heading dalam sepakbola lengkap*. Jurnalponsel.
- Maciejczyk, M., Błyszczuk, R., Drwal, A., Nowak, B., & Strzała, M. (2021). Effects of short-term plyometric training on agility, jump and repeated sprint performance in female soccer players. *International Journal of Environmental Research and Public Health*, 18(5), 1–10. <https://doi.org/10.3390/ijerph18052274>
- MACKANZIE, B. (2007). *Sargent jump test or vertical jump test*. BrianMac Sports Coach . <https://www.brianmac.co.uk/sgtjump.htm>
- Mahfud, I., Gumantan, A., & Fahrizqi, E. B. (2020). Analisis imt (indeks massa tubuh) atlet ukm sepakbola universitas teknokrat indonesia. “*Sports Athleticism in Teaching and Recreation on Interdisciplinary Analysis*”, 3(1), 9–13. <https://www.researchgate.net/publication/341087537>
- Mahfud, I., Yuliandra, R., & Gumantan, A. (2020). Model latihan dribling sepakbola untuk pemula usia sma. *Sport Science & Education Journal*, 1(2). <https://ejurnal.teknokrat.ac.id/index.php/sport/issue/archive>
- Mandala, J. P., Akhmad, N., & Suriatno, A. (2018). Analisi keterampilan dasar sepak bola pemain klub bima sakti. *JUPE*, 3(3).
- Manganaro, D., & Alsayouri, K. (2023). Anatomy, bony pelvis and lower limb: ankle joint. *StatPearls*. <https://www.ncbi.nlm.nih.gov/books/NBK545158/>
- Ma'ruf, N., Simanjuntak, V. G., & Triansyah. Andika. (2022). Pengaruh latihan juggling terhadap kemampuan passing - control dalam permainan futsal. *Jurnal Pendidikan Dan Pembelajaran Khatulistiwa* , 11(4).

- Mc Ginnis, P. M. (2013). *Biomechanic of sport and exercise (3rd edition)* (A. N. Tocco, L. D. Robertson, K. Maurer, B. Shea, & S. Huls, Eds.; Third). Human Kinetics.
- www.HumanKinetics.com/BiomechanicsOfSportAndExercise!and!follow!the!e!
- Mekayanti D.P, A., Indrayani, N., & Dewi NK, K. (2015). Optimalisasi kelenturan (flexibility), keseimbangan (balance), dan kekuatan (strength) tubuh manusia secara instan dengan menggunakan “secret method.” *Jurnal Virgin, Jilid, 1*, 2442–2509.
- Multiple obstacles soccer conditioning drill.* (n.d.). Retrieved November 3, 2023, from <https://esoccerdrills.com/multiple-obstacles/>
- Mustofa, M., Candrawati, S., & Fatchurohmah, W. (2019). Plyometric training memperbaiki kelincahan otot dan kecepatan lari sprint pada laki-laki muda. *Jurnal Kedokteran Brawijaya*, 30(3), 209–213. <https://doi.org/10.21776/ub.jkb.2019.030.03.8>
- Njuguna, C. (2023, May 25). *Ronaldo's vertical: exploring Cr7's astonishing jumping abilities and his highest leaps in football.* Sports Brief . <https://sportsbrief.com/football/41242-ronaldos-vertical-exploring-cr7s-astonishing-jumping-abilities-top-10-leaps-football/>
- O'Callaghan, E. (2016, July 7). *Cristiano ronaldo: the science behind that remarkable aerial ability.* The 42. <https://www.the42.ie/cristiano-ronaldo-jumping-technique-science-2866732-Jul2016/>
- Page, P. (2012). Current concepts in muscle stretching for exercise and rehabilitation. In *The International Journal of Sports Physical Therapy* / (Vol. 7, Issue 1).
- Paoli, A., Bianco, A., Palma, A., & Marcolin, G. (2012). Training the vertical jump to head the ball in soccer. *Strength and Conditioning Journal*, 34(3), 80–85. <https://doi.org/10.1519/SSC.0b013e3182474b3a>
- Permana, M. Y. I., Suratmin, & Gede Eka Budi Darmawan. (2022). Kecepatan dan power otot tungkai dalam kemampuan lompat jauh gaya jongkok pada ekstrakurikuler atletik. *Indonesian Journal of Sport & Tourism*, 4(2), 92–101. <https://doi.org/10.23887/ijst.v4i2.49180>
- Physiopedia contributors. (n.d.). *Foot and ankle structure and function.* Physiopedia . Retrieved November 3, 2023, from https://www.physio-pedia.com/Foot_and_Ankle_Structure_and_Function
- Pink, B. (2008). Information paper defining sport and physical activity, a conceptual model. In *A Comparative Philosophy of Sport and Art* (pp. 8–8).
- Plyometric workout beginners.* (n.d.).
- Prakoso, A. D., & Sembiring, I. (2022). Upaya meningkatkan hasil belajar dribbling sepak bola melalui teams games tournament (TGT). *Jurnal Mahasiswa Pendidikan Olahraga*, 2(2).
- Psycharakis, S. G. (2012). Dynamics of vertical jumps. *Quintic Sports*, 1–8.

- Rizal, M., Kusuma Prastiwi, B., & Kresnapati, P. (2022). Survei motivasi olahraga bersepeda pada masa pandemi covid-19 di masyarakat kabupaten kotawaringin barat. *Journal STAND: Sports and Development*, 2(2), 70–76. <http://jurnal.unipasby.ac.id/index.php/stand/about/submissions>
- Rochmatullah, M. C. (2017). Hubungan antara kekuatan otot lengan, kekuatan otot perut, dan kekuatan otot tungkai terhadap kecepatan berenang 50 meter gaya bebas. (studi pada atlet putri indonesia muda gresik). *Jurnal Prestasi Olahraga*, 1(1).
- Rodgers, C. D., & Raja, A. (2023). Anatomy, bony pelvis and lower limb, hamstring muscle. *StatPearls*. <https://www.ncbi.nlm.nih.gov/books/NBK546688/>
- S. Afrizal. (2017). Hubungan antara kecepatan dan kekuatan otot tungkai terhadap kemampuan tendangan sepakbola. *Jurnal Performa Olahraga*, 2(1), 1–12.
- Salot, C., Sathya, P., & Paul, J. (2020). Effects of bosu ball exercise on jump performance in football players. *International Journal of Physiotherapy*, 7(4). <https://doi.org/10.15621/ijphy/2020/v7i4/740>
- Santoso, N. (2014). Tingkat keterampilan passing-stoping dalam permainan sepakbola pada mahasiswa PJKR B angkatan 2013. *Nurhadi Santoso 40 JPJI*, 10(2).
- Seiberl, W., Hahn, D., Power, G. A., Fletcher, J. R., & Siebert, T. (Eds.). (2021). *The Stretch-shortening Cycle of Active Muscle and Muscle-tendon Complex: What, Why and How It Increases Muscle Performance?* Frontiers Media SA. <https://doi.org/10.3389/978-2-88966-993-6>
- Setiorini, A. (2021). Kekuatan otot pada lansia. *JK Unila*, 5(1).
- Sozbir, K. (2016). Effects of 6-week plyometric training on vertical jump performance and muscle activation of lower extremity muscles. *The Sport Journal* . <http://thesportjournal.org/article/effects-of-6-week-plyometric-training-on-vertical-jump-performance-and->
- Tatsuno, J. (2020, November 17). *How to jump higher: the science behind a better vertical*. Competitive Edge. <https://compedgept.com/blog/how-to-jump-higher/>
- Teichmann, J., Burchardt, H., Tan, R., & Healy, P. D. (2021). Hip mobility and flexibility for track and field athletes. *Advances in Physical Education*, 11(02), 221–231. <https://doi.org/10.4236/ape.2021.112017>
- Turang, G. J. V, Sambiran, S., & Monintja, D. K. (2021). Strategi dinas kepemudaan dan olahraga dalam pembinaan olahraga (studi di dinas kepemudaan dan olahraga kota kotamobagu). *JURNAL GOVERNANCE*, 1(2).
- Ulfiansyah, F. N., Slamet, K., & Kriswantoro. (2015). Pengaruh latihan reaksi bervariasi dan tetap terhadap kecepatan reaksi penjaga gawang. *Unnes Journal of Sport Sciences*, 4(2). <http://journal.unnes.ac.id/sju/index.php/ujss>
- UNICEF. (2021). *Programming guidance for parenting of adolescents*.

- Verma, C., Subramanium, L., & Krishnan, V. (2015). Effect of plyometric training on vertical jump height in high school basketball players: A randomised control trial. *International Journal of Medical Research & Health Sciences*, 4(1), 7. <https://doi.org/10.5958/2319-5886.2015.00002.8>
- Wasono Aji, F., & Rachman Syam Tuasikal, A. (2020). Pembelajaran dasar dribbling sepakbola dengan pendekatan kooperatif team games tournament pada siswa. *Jurnal Pendidikan Olahraga Dan Kesehatan*, 08(02), 17–28. <https://ejournal.unesa.ac.id/index.php/jurnal-pendidikan-jasmani/issue/archive>
- WHO. (2019, November 26). *Adolescent health*. World Health Organization . https://www.who.int/health-topics/adolescent-health#tab=tab_1
- Wulandari, R. (2023). Hubungan usia dan indeks mss tubuh dengan VO₂ max pada pemain basket di mataram basketball school dan bima perkasa academy. *Jurnal Ilmiah Fisioterapi (JIF)*, 06(1).