

DAFTAR PUSTAKA

- Ahmad, Amalina, Dudi Aripin, Lutfi Yondri, Warta Dewi, and Fahmi Oscandar. 2017. "Description of Dental Caries and Effects of Foods on Tooth Destruction in Skulls of Pawon Man." *Purbawidya* 6 (2): 131–40. <https://doi.org/10.24164/pw.v6i2.205>.
- Alink, Gerrit, Shinatria Adhityatama, and Truman Simanjuntak. 2017. "Descriptive Analysis of Paleolithic Stone Tools from Sulawesi, Collected by the Indonesian-Dutch Expedition in 1970." *Amerta* 35 (2): 75–148.
- Amin, Wilda. 2020. "Sisa Tulang Fauna Situs Cappalombo, Kecamatan Bontocani, Kabupaten Bone." Universitas Hasanuddin.
- Andrefsky, William. 2005. *Lithics Macroscopic Approaches to Analysis*. Cambridge: Cambridge University Press.
- Anshari, Khairun Al. 2018. "Teknologi Lancipan Maros Di Situs Leang Panningge, Kecamatan Mallawa, Kabupaten Maros." Universitas Hasanuddin.
- Aplin, Ken, Sue O Connor, David Bulbeck, Philip Piper, Ben Marwick, Emma St Pierre, and Fadhila Arifin Aziz. 2016. "The Walandawe Tradition from Southeast Sulawesi and Osseous Artifact Traditions in Southeast Asia." In *Osseous Projectile Weaponry, Vertebrate Paleobiology and Paleoanthropology*, edited by Michelle C Langley, 189–208. Springer Science+Business Media Dordrecht. https://doi.org/10.1007/978-94-024-0899-7_13.
- Arifin, Karina. 2017. "Terminal Pleistocene and Early Holocene Human Occupation in the Rainforests of East Kalimantan." In *New Perspectives in Southeast Asian and Pacific Prehistory*, edited by Philip Piper, Hirofumi Matsumura, and David Bulbeck, 99–124. Australia: ANU Press.
- Aubert, Maxime, Adam Brumm, Muhammad Ramli, Tomas Sutikna, E.W. Saptomo, Budianto Hakim, M. J. Morwood, Gert D Van Den Bergh, L. Kinsley, and A. Dosseto. 2014. "Pleistocene Cave Art from Sulawesi, Indonesia." *Nature* 514: 223–27. <https://doi.org/10.1038/nature13422>.
- Aubert, Maxime, Rustan Lebe, Adhi Agus Oktaviana, Muhammad Tang, Basran Burhan, Hamrullah, Andi Jusdi, et al. 2019. "Earliest Hunting Scene in Prehistoric Art." *Nature*, 1–4. <https://doi.org/10.1038/s41586-019-1806-y>.
- Aubert, Maxime, Pindi Setiawan, Adhi Agus Oktaviana, Adam Brumm, Priyatno Hadi Sulistyarto, E. Wahyu Saptomo, Budi Setiawan, et al. 2018. "Paleolithic Cave Art in Borneo." *Nature*. <https://doi.org/10.1038/s41586-018-0679-9>.
- Banat, Surtina. 2020. "Biostratigrafi Nanofosil Pada 'Section A' Formasi Tonasa Daerah Karama, Kecamatan Bangkala Barat, Kabupaten Jeneponto, Provinsi Sulawesi Selatan." Universitas Hasanuddin.
- Bandi, H. G. 1951. "Die Obsidian Industrie Der Umgebung von Bandungin Westjava." In *Südseestudien*, 127–61. Basel: Museum für Volkerkunde.
- Bellwood, Peter. 2007. *Prehistory of the Indo-Malaysian Archipelago*. Sydney: ANU E Press.
- . 2013. *First Migrants: Ancient Migration in Global Perspective*. Sydney: ANU E Press.
- . 2017. *First Islander: Prehistory and Human Migration in Island Southeast Asia*.

John Wiley & Sons Inc. <https://doi.org/10.1002/9781119251583>.

- Bergh, G.D. Van Den, Yousuke Kaifu, Iwan Kurniawan, Reiko T. Kono, Adam Brumm, Erick Setiyabudi, Fachroel Aziz, and Michael J Morwood. 2016. "Homo Floresiensis-like Fossils from the Early Middle Pleistocene of Flores." *Nature* 534: 245–48. <https://doi.org/10.1038/nature17999>.
- Bergh, Gert D Van Den, Bo Li, Adam Brumm, Rainer Grun, Dida Yurnaldi, Mark W. Moore, Iwan Kurniawan, et al. 2015. "Earliest Hominid Occupation of Sulawesi." *Nature* 000: 1–4.
- Brown, Kayle S., Curtis W. Marean, Zenobia Jacobs, Benjamin J. Schoville, Simen Oestmo, Erich C. Fisher, Jocelyn Bernatchez, Panagiotis Karkanas, and Thallasa Matthews. 2012. "An Early and Enduring Advanced Technology Originating 71,000 Years Ago in South Africa." *Nature* 000: 1–5. <https://doi.org/10.1038/nature1160>.
- Brumm, Adam, Fachroel Aziz, Gert D Van Den Bergh, Michael J Morwood, Mark W Moore, Iwan Kurniawan, Douglas R Hobbs, and Richard Fullagar. 2006. "Early Stone Technology on Flores and Its Implications for Homo Floresiensis" 441 (June): 624–28. <https://doi.org/10.1038/nature04618>.
- Brumm, Adam, G.D. Van Den Bergh, Michael Storey, Iwan Kurniawan, Brent V. Alloway, Ruly Setiawan, Erick Setiyabudi, et al. 2016. "Age and Context of the Oldest Known Hominin Fossils from Flores." *Nature* 534 (249–253). <https://doi.org/10.1038/nature17663>.
- Brumm, Adam, David Bulbeck, Budianto Hakim, Basran Burhan, Adhi Agus Oktaviana, Iwan Sumantri, Jian-xin Zhao, et al. 2021. "Skeletal Remains of a Pleistocene Modern Human (Homo Sapiens) from Sulawesi." *Plos One* 16 (9): e0257273. <https://doi.org/10.1371/journal.pone.0257273>.
- Brumm, Adam, Budianto Hakim, Muhammad Ramli, Maxime Aubert, Gert D Van Den Bergh, Bo Li, Basran Burhan, et al. 2018. "A Reassessment of the Early Archaeological Record at Leang Burung 2, a Late Pleistocene Rock-Shelter Site on the Indonesian Island of Sulawesi." *Plos One* April: 1–43. <https://doi.org/doi.org/10.1371/journal.pone.0193025.g001>.
- Brumm, Adam, Gitte M Jensen, Gert D Van Den Bergh, Michael J Morwood, Iwan Kurniawan, Fachroel Aziz, and Michael Storey. 2010. "Hominins on Flores , Indonesia , by One Million Years Ago." *Nature* 464 (7289): 748–52. <https://doi.org/10.1038/nature08844>.
- Brumm, Adam, Michelle C Langley, Budianto Hakim, Yinika Perston, Suryatman, Adhi Agus Oktaviana, Basran Burhan, and Mark W. Moore. 2020. "Scratching the Surface: Engraved Cortex as Portable Art in the Pleistocene Sulawesi." *Journal of Archaeological Method and Theory*. <https://doi.org/10.1007/s10816-020-09469-4>.
- Brumm, Adam, Michelle C Langley, Mark W Moore, Budianto Hakim, Muhammad Ramli, Iwan Sumantri, Basran Burhan, et al. 2017. "Early Human Symbolic Behavior in the Late Pleistocene of Wallacea." *PNAS* Early Edit: 1–6. <https://doi.org/10.1073/pnas.1619013114>.
- Brumm, Adam, and Andrew Mc Laren. 2011. "Scraper Reduction and 'Imposed Form'

- at the Lower Paleolithic Site of High Lodge, England.” *Journal of Human Evolution* 60: 185–204. <https://doi.org/10.1016/j.jhevol.2010.09.005>.
- Brumm, Adam, Adhi Agus Oktaviana, Basran Burhan, Budiarto Hakim, Rustan Lebe, Jian-xin Zhao, Priyatno Hadi Sulistyarto, et al. 2021. “Oldest Cave Art Found in Sulawesi.” *Science Advance* 7 (eabd4648).
- Bulbeck, David, Sue O Connor, Fakhri, Jack N Fenner, Ben Marwick, Suryatman, Fadhila Arifin Aziz, Budiarto Hakim, and Unggul Prasetyo Wibowo. 2019. “Patterned and Plain Baked Clay from Pre-Pottery Contexts in Southeast Sulawesi, Indonesia.” *Antiquity* 93 (371): 1284–1302. <https://doi.org/10.15184/aqy.2019.134>.
- Bulbeck, David, Monique Pasqua, and Adrian D I Lello. 2001. “Culture History of the Toalean of South Sulawesi, Indonesia.” *Asian Perspectives* 39 (1).
- Bulbeck, David, Iwan Sumantri, and Peter Hiscock. 2004. “Leang Sakapao 1, a Second Dated Pleistocene Site from South Sulawesi, Indonesia.” In *Modern Quaternary Research in Indonesia 18*, edited by Susan G. Keates and Julietter M. Pasveer, 111–28. The Netherlands: Balkema Publisher.
- Carlhoff, Selina, Akin Duli, Katrine Nagele, Muhammad Nur, Laurits Skov, Iwan Sumantri, Adhi Agus Oktaviana, et al. 2021. “Genome of a Middle Holocene Hunter-Gatherer from Wallacea.” *Nature* 596: 543–47. <https://doi.org/10.1038/s41586-021-03823-6>.
- Chapman, Valerie C. 1981. “An Analysis of the Artefact Collections Excavated by the Australian-Indonesian Archaeological Expedition to Sulawesi, 1969.” Australian National University.
- Chia, Stephen, Lutfi Yondri, and Truman Simanjuntak. 2007. “The Origins of the Obsidian Artifacts from Gua Pawon, Dago and Bukit Karsmanik in Bandung, Indonesia.” *Amerta* 25 (1): 48–57.
- Clarkson, Chris. 2002. “Holocene Scraper Reduction, Technological Organization, and Landuse at Ingaladdi Rockshelter, Northern Australia.” *Archaeol. Oceania* 37: 79–86.
- Clarkson, Chris, and Sue O Connor. 2013. “An Introduction to Stone Artifact Analysis.” In *Archaeology in Practice: A Student Guide to Archaeological Analysis*, edited by Jane Balme and Alistair Paterson, Second Edit. John Wiley & Sons Inc.
- Clarkson, Chris, Michael Petraglia, Clair Harris, Ceri Shipton, and Kasih Norman. 2018. “The South Asian Microlithic: Homo Sapiens Dispersal or Adaptive Response.” In *Lithic Technological Organization and Paleoenvironmental Change, Studies in Human Ecology and Adaptation 9*, edited by E. Robinson and F. Sellet. Cambridge: Springer International Publishing AG. https://doi.org/10.1007/978-3-319-64407-3_3.
- Clarkson, Chris, Michael Petraglia, Ravi Korisettar, Michael Haslam, Nicole Boivin, Alison Crowther, Peter Ditchfield, et al. 2009. “The Oldest and Longest Enduring Microlithic Sequence in India : 35 000 Years of Modern Human Occupation and Change at the Jwalapuram Locality 9 Rockshelter.” *Antiquity* 83 (January 2008): 326–48.
- Colani, M. 1929. “Quelques Paléolithes Hoabiniens Typiques de l’abri Sous-Roche de

- Lang Kay." *Bulletin de l'Ecole Française d'Extrême Orient* 26: 353–84.
- Dibble, H. L. 1987. "The Interpretation of Middle Paleolithic Scraper Morphology." *Am Antiq* 52: 109–17.
- Duli, Akin, Stephen Chia, Muhammad Nur, Suryatman, Andi Muh. Saiful, Hasanuddin, Budianto Hakim, Bernadeta A. K.W., and Nani Somba. 2015. "Laporan Ekskavasi Di Situs Panningnge, Mallawa, Sulawesi Selatan." Makassar.
- Fakhri. 2017a. "Identifikasi Rangka Manusia Situs Gua Balang Metti, Kabupaten Bone, Sulawesi Selatan." *Walennae* 15 (2): 89–100.
- . 2017b. "Laporan Penelitian Arkeologi: Penelitian Prasejarah Kawasan Situs Bontocani." Makassar.
- Fakhri, and Budianto Hakim. 2019. "Identifikasi Awal Dan Rekonstruksi Aspek Biologis Temuan Rangka Manusia LJ-1 Situs Leang Jarie, Maros, Sulawesi Selatan." *Walennae: Jurnal Arkeologi Sulawesi Selatan Dan Tenggara* 17 (2): 113–24. <https://doi.org/10.24832/wln.v17i2.344>.
- Fakhri, Budianto Hakim, Suryatman, Ratno Sardi, and Hasliana. 2018. "Eksplorasi Gua-Gua Prasejarah Kawasan Kars Bontocani: Fase Hunian Dan Lapisan Budaya Dari Pleistosen Akhir Hingga Holosen Di Dataran Tinggi Sulawesi Selatan." Makassar.
- Fakhri, Budianto Hakim, Yulastri, Salmia, and Suryatman. 2021. "Pemanfaatan Fauna Vertebrata Dan Kondisi Lingkungan Masa Okupasi 8000-550 BP Di Situs Leang Jarie, Maros, Sulawesi Selatan." *Amerta* 39 (1): 17–34. <https://doi.org/10.24832/amt.v39i1.17-34>.
- Farida, Meutia, Fauzi Arifin, Ratna Husain, and Ilham Alimuddin. n.d. "Paleoseanografi Formasi Tonasa Berdasarkan Kandungan Foraminifera Daerah Barru, Sulawesi Selatan." Hasanuddin University Respository. <https://123dok.com/document/qokp9e5y-paleoseanografi-formasi-tonasa-berdasark-indonesia.html>.
- Fauzi, Mohammad Ruly. 2011. "Analysis on Lithic Remains from Tabuhan Cave: A Contribution to the Chaîne Opératoire Study in the Preneolithic of Gunung Sewu, East Java, Indonesia." *Erasmus Mundus*.
- Forestier, Hubert. 2000. "De Quelques Chaînes Opératoire En Asie Du Sud-Est Au Pléistocène Supérieur Final et Au Début de l'Holocène." *L'Anthropologie*, 531–48.
- . 2007. *Ribuan Gunung, Ribuan Alat Batu: Prasejarah Song Keplek, Gunung Sewu, Jawa Timur*. Edited by Truman Simanjuntak. Jakarta-Paris: Kepustakaan Populer Gramedia,.
- Fuentes, Riczar, Rintaro Ono, Nasrullah Aziz, Sriwigati, Nico Alamsyah, Harry Octavianus Sofian, Tatiana Miranda, Faiz, and Alfred F Pawlik. 2021. "Inferring Human Activities the Late Pleistocene to Holocene in Topogaro 2, Central Sulawesi Throught Use-Wear Analysis." *Journal of Archaeological Science: Reports* 37 (102905). <https://doi.org/10.1016/j.jasrep.2021.102905>.
- Fuentes, Riczar, Rintaro Ono, Naoki Nakajima, Hiroe Nishizawa, Joko Siswanto, Nasrullah Aziz, Sriwigati, Harry Octavianus Sofian, Tatiana Miranda, and Alfred F Pawlik. 2019. "Technological and Behavioral Complexity in Expedient

- Industries: The Importance of Use-Wear Analysis for Understanding Flake Assemblages.” *Journal of Archaeological Science* 112. <https://doi.org/10.1016/j.jas.2019.105031>.
- Glover, I C. 1973. “Preliminary Report on The Excavation of Ulu Leang Cave, Maros.”
- . 1976. “Ulu Leang Cave , Maros : A Preliminary Sequence of Post- Pleistocene Cultural Development in South Sulawesi.” *Archipel* 11: 113–54.
- . 1978. “Survey and Excavation in The Maros District, South Sulawesi, Indonesia: The 1975 Field Saeson.” *Bulletin of the Indo-Pacific Prehistory Association* 1: 113–14.
- . 1981. “Leang Burung 2: An Upper Paleolithic Rock Shelter in South Sulawesi, Indonesia.” *MQRSEA* 6: 1–38.
- Glover, I C, and G. Presland. 1985. “Microliths in Indonesia Flaked Stone Industry.” In *Recent Advances in Indo-Pacific Prehistory*, edited by V N Misra and Peter Bellwood, 185–95. New Delhi: Leiden E.J. Brill.
- Grenet, Michel, Josette Sarel, Ruly Fauzy, Adhi Agus Oktaviana, Bambang Sugiyanto, Jean-Michel Chazine, and Francois-Xavier Ricaut. 2016. “New Insights on the Late Pleistocene-Holocene Lithic Industry in East Kalimantan (Borneo): The Cotribution of Three Rock Shelter Sites in the Karstic Area of the Mangkalihat Peninsula.” *Quaternary International* 416: 126–50. <https://doi.org/10.1016/j.quaint.2015.11.044>.
- Groucutt, Huw S, Eleanor M L Scerri, Laura Lewis, Laine Clark-balzan, James Blinkhorn, Richard P Jennings, Ash Parton, and Michael D Petraglia. 2015. “Stone Tool Assemblages and Models for the Dispersal of Homo Sapiens out of Africa.” *Quaternary International* 30: 1–23. <https://doi.org/10.101016/j.quaint.2015.01.039>.
- Hakim, Budianto. 2010. “Laporan Penelitian Arkeologi Ekskavasi Leang Batti, Kabupaten Bone, Sulawesi Selatan.” Makassar.
- . 2011a. “Pola Pikir Dan Tingkah Laku Manusia Prasejarah (Toala?) Di Situs Gua Batti, Bontocani: Berdasarkan Vaiabilitas Temuan Arkeologi.” *Walennae* 12 (1): 47–60.
- . 2011b. “Survei Dan Ekskavasi Gua Batti, Kabupaten Bone.” Makassar.
- . 2012. “Laporan Penelitian Arkeologi: Ekskavasi Di Gua Batti, Kabupaten Bone, Sulawesi Selatan.” Makassar.
- . 2017. “Interpretasi Awal Temuan Gigi Manusia Di Situs Bala Metti, Bone Dan Situs Leang Jarie, Maros, Sulawesi Selatan.” *Walennae* 15 (1): 19–30.
- . 2018. “Sebaran Situs Paleolitik Di Tepi Aliran Sungai Walennae Wilayah Bone Barat, Sulawesi Selatan.” *Walennae* 16 (2): 85–104. <https://doi.org/10.24832/wln.v16i2.319>.
- Hakim, Budianto, Fakhri, Suryatman, Delta Bayu Murti, Dewi Susanti, Rosmawati, Herniati, and Asmunandar. 2019. “Laporan Penelitian: Sebaran Dan Jejak Hunian Manusia Prasejarah Wallacea Di Kawasan Karts Simbang, Maros, Sulawesi Selatan.” Makassar.
- Hakim, Budianto, Muhammad Irfan Mahmud, Fakhri, Muhaeminah, Herniati, Andi

- Muhammad Saiful, and Suryatman. 2018. "Penelitian Situs Gua Prasejarah Di Wilayah Maros Dan Pangkep, Sulawesi Selatan." Makassar.
- Hakim, Budiarto, Muhammad Nur, and Rustan. 2009. "The Sites of Gua Passaung (Rammang-Rammang) and Mallawa : Indicators of Cultural Contact between the Toalian and Neolithic Complexes in South Sulawesi." *IPPA Bulletin* 29: 45–52.
- Harris, Afdalah. 2018. "Artefak Batu Di Situs Leang Balang Metti, Kecamatan Bontocani, Kabupaten Bone." Universitas Hasanuddin.
- Harwan. 2018. "Karakteristik Alterasi Dan Mineralisasi Bijih Besi Daerah Pakke, Kecamatan Bontocani, Kabupaten Bone, Sulawesi Selatan." Universitas Hasanuddin.
- Hasanuddin. 2017. "Gua Panninge Di Mallawa, Maros, Sulawesi Selatan: Kajian Tentang Gua Hunian Berdasarkan Artefak Batu Dan Sisa Fauna." *Natira Widya* 11 (2): 81–96.
- Hasanuddin, Muhammad Nur, Supriadi, Iwan Sumantri, Djameluddin, Bernadeta Apriastuti Kuswarini Wardaninggar, Rustan Lebe, Andi Muhammad Saiful, and Khairun Al Anshari. 2019. "Budaya Austronesia Awal Dan Persentuhannya Dengan Budaya Lokal (Toala) Di Kawasan Mallawa, Kabupaten Maros, Sulawesi Selatan Tahap II." Makassar.
- Hasanuddin, Muhammad Nur, Bernadeta A. K. W, Andi Muhammad Saiful, and Rustan. 2018. "Laporan Penelitian: Budaya Austronesia Awal Dan Persentuhannya Dengan Budaya Lokal (Toala) Di Kawasan Mallawa Kabupaten Maros, Sulawesi Selatan." Makassar.
- Hasanuddin, Bernadeta A. K. W, Andi Muhammad Saiful, Lutfi Yondri, Iwan Sumantri, Muhammad Nur, Supriadi, et al. 2020. "Interaction Between the Toalean and Austronesian Cultures in the Mallawa Area, Maros District, South Sulawesi." *Journal of Indo-Pacific Archeology* 44: 329–49. <https://doi.org/10.7152/jipa.v44i0.15675>.
- Hasanuddin, Bernadeta Apriastuti Kuswarini Wardaninggar, Iwan Sumantri, Supriadi, Andi Muhammad Saiful, Suryatman, Rustan, and Isbahuddin. 2021. "Interaksi Populasi Toala Dengan Austronesia Di Wilayah Mallawa, Kabupaten Maros." Makassar.
- Heekeren, Van HR. 1972. *The Stone Age of Indonesia*. Martinus Nijhoff.
- Hiscock, Peter. 2002. "Quantifying the Size of Artefact Assemblages." *Journal of Archaeological Science*, 251–58. <https://doi.org/10.1006/jasc.2001.0705>.
- . 2015. "Making It Small in the Palaeolithic : Bipolar Stone-Working , Miniature Artefacts and Models of Core Recycling Making It Small in the Palaeolithic : Bipolar Stone-Working , Miniature Artefacts and Models of Core Recycling." *World Archaeology*, no. February: 37–41. <https://doi.org/10.1080/00438243.2014.991808>.
- Hiscock, Peter, and Chris Clarkson. 2005. "Experimental Evaluation of Kuhn ' s Geometric Index of Reduction and the Flat-Flake Problem" 32. <https://doi.org/10.1016/j.jas.2005.02.002>.
- . 2015. "Retouch Intensity on Quina Scrapers at Combe Grenal : A Test of the Reduction Model." In *Taxonomic Tapestries: The Threads of Evolutionary*,

- Behavioural and Conservation Research*, edited by Alison M. Behie and Marc F. Oxenham, 103–29. Canberra, ACT, Australia: ANU E Press. <https://doi.org/10.22459/TT.05.2015.06>.
- Hiscock, Peter, Chris Clarkson, and Alex Mackay. 2011. “Big Debates over Little Tools : Ongoing Disputes over Microliths on Three Continents Big Debates over Little Tools : Ongoing Disputes over Microliths on Three Continents.” *World Archaeology* 43 (4) (December 2011): 37–41.
- Hiscock, Peter, and Tim Maloney. 2016. “Australian Lithic Technology: Evolution Dispersion and Connectivity.” In *The Rutledge Handbook of Archaeology and Globalization*, edited by Tamar Hodos, 301–18. Routledge Handbooks.
- Hogg. 2013. “Radiocarbon” 55 (4).
- Husein, Salahuddin, Sriyono, and Herning Dyah K. W. 2008. “Morfotektonik Pembentukan Kars Maros, Sulawesi Selatan.” In *Conference: Indonesian Scientific Karst Forum #1*. Yogyakarta. https://www.researchgate.net/publication/282609755_Morfotektonik_pembentuk_an_Kars_Maros_Sulawesi_Selatan.
- Jatmiko, and Mohammad Ruly Fauzi. 2021. “Tipe Hunian Dan Karakteristik Budaya Sampungian Di Situs Gua Lawa, Ponorogo.” *Amerta* 39 (1): 1–16. <https://doi.org/10.24832/amt.v39i1.1-16>.
- Kuhn, Steven L. 1990. “A Geometric Index of Reduction for Unifacial Stone Tools.” *Journal of Archaeological Science* 17 (5): 583–93. [https://doi.org/10.1016/0305-4403\(90\)90038-7](https://doi.org/10.1016/0305-4403(90)90038-7).
- Langley, Michelle C, and Sue O Connor. 2015. “6500-Years-Old Nassarius Shell Appliques in Timor Leste: Technological and Use Wear Analyses.” *Journal of Archaeological Science*. <https://doi.org/10.1016/j.jas.2015.06.012>.
- Langley, Michelle C, Budianto Hakim, Adhi Agus Oktaviana, Basran Burhan, Iwan Sumantri, Priyatno Hadi Sulistyarto, Rustan Lebe, David McGahan, and Adam Brumm. 2020. “Portable Art from Pleistocene Sulawesi.” *Nature Human Behavior* 4: 597–602. <https://doi.org/10.1038/s41562-020-0837-6>.
- Langley, Michelle C, and Sue O’Connor. 2018. “Exploring Red Ochre Use in Timor-Leste and Surrounds: Headhunting, Burials, and Beads.” In *The Archaeology of Portable Art: Southeast Asian, Pacific, and Australian Perspectives*, edited by Michelle C Langley, Mirani Litster, Duncan Wright, and Sally K May, 25–36. Routledge.
- . 2019. “40,000 Years of Ochre Utilization in Timor-Leste: Powders, Prehensile Traces, and Body Painting.” *PaleoAnthropology*, no. Personal Ornaments in Early Prehistory: 82–104. <https://doi.org/doi:10.4207/PA.2019.ART125>.
- M, Yulastri Yulia. 2020. “Perubahan Konsumsi Fauna Pada Tiap Lapisan Budaya Di Leang Jarie.” Universitas Hasanuddin.
- Maloney, Tim, Mahirta, Sue O’Connor, and Christian Reepmeyer. 2018. “Specialised Lithic Technology of Terminal Pleistocene Maritime Peoples of Wallacea.” *Archaeological Research in Asia* 16: 78–87. <https://doi.org/10.1016/j.ara.2018.05.003>.
- Maloney, Tim, and Sue O’Connor. 2014. “Backed Points in the Kimberley: Revisiting

- the North-South Division for Backed Artefact Production in Australia.” *Australian Archaeology* 79: 146–55. <https://doi.org/10.1002/arco.5040>.
- Marwick, Ben, Chris Clarkson, Sue O’Connor, and Sophie Collins. 2016. “Early Modern Human Lithic Technology from Jeremalai, East Timor.” *Journal of Human Evolution* 101: 45–64. <https://doi.org/10.1016/j.jhevol.2016.09.004>.
- Mellars, Paul, Kevin C. Gori, Martin Carr, Pedro A. Soares, and Martin B. Richards. 2013. “Genetic and Archaeological Perspectives on the Initial Modern Human Colonization of Southern Asia.” *PNAS Early Edit*: 1–6. <https://doi.org/10.1073/pnas.1306043110>.
- Moore, Mark W., and Adam Brumm. 2007. “Stone Artifacts and Hominins in Island Southeast Asia: New Insights from Flores, Eastern Indonesia.” *Journal of Human Evolution* 52: 85–102. [10.1016/j.jhevol.2006.08.002](https://doi.org/10.1016/j.jhevol.2006.08.002).
- Moore, Mark W., T Sutikna, M J Morwood, and A Brumm. 2009. “Continuities in Stone Flaking Technology at Liang Bua , Flores , Indonesia.” *Journal of Human Evolution* 57 (5): 503–26. <https://doi.org/10.1016/j.jhevol.2008.10.006>.
- Mulvaney, D. J., and R. P. Soejono. 1970. “The Australian-Indonesian Archaeological Expedition to Sulawesi.” *Asian Perspectives* 13: 163–77.
- Nur, Muhammad. 2009. “Pelestarian Kompleks Gua Leang-Leang, Kabupaten Maros, Sulawesi Selatan.” Universitas Gadjah Mada.
- O’Connor, Sue, Fadhila Arifin Aziz, Ben Marwick, Jack Fenner, Bagyo Prasetyo, David Bulbeck, Tim Maloney, et al. 2014. “Final Report on the Project ‘The Archaeology of Sulawesi: A Strategic Island for Understanding Modern Human Colonization and Interactions across Our Region.’”
- O’Connor, Sue, Rintaro Ono, and Chris Clarkson. 2011. “Pelagic Fishing at 42,000 Years Before the Present and the Maritime Skills of Modern Humans.” *Science* 334: 1117–21. <https://doi.org/10.1126/science.1207703>.
- O’Connor, Sue, Gail Robertson, and Ken Aplin. 2014. “Are Osseous Artefacts a Window to Perishable Material Culture? Implication of an Unusually Complex Bone Tool from the Late Pleistocene of East Timor.” *Journal of Human Evolution* 67: 108–19. <https://doi.org/10.1016/j.jhevol.2013.12.002>.
- Oktaviana, Adhi Agus, David Bulbeck, Sue O’Connor, Budianto Hakim, Suryatman, Unggul Prasetyo Wibowo, Emma St Pierre, and Fakhri. 2016. “Hand Stencil with and without Narrowed Fingers at Two New Rock Art Sites in Sulawesi, Indonesia.” *Rock Art Research* 33 (1): 32–48.
- Ono, Rintaro, Riczar Fuentes, Alfred Pawlik, Harry Octavianus Sofian, Sriwigati, Nasrullah Aziz, Nico Alamsyah, and Minoru Yoneda. 2020. “Island Migration and Foraging Behaviour by Anatomically Modern Humans during the Late Pleistocene to Holocene in Wallacea: New Evidence from Central Sulawesi, Indonesia.” *Quaternary International* 554 (20 July): 90–106. <https://doi.org/10.1016/j.quaint.2020.03.054>.
- Ono, Rintaro, Naoki Nakajima, Hiroe Nishizawa, Shizuo Oda, and Santoso Soegondho. 2015. “Maritime Migration and Lithic Assemblage on the Talaud Islands in Northern Wallacea during the Late Pleistocene to the Early Holocene.” In *Emergence and Diversity of Modern Human Behavior in Paleolithic in Asia*,

edited by Yazuke Kaifu, M. Izuho, A. Ono, H. Sato, and T. Goebel, 201–13. Texas A&M University Press.

- Pargeter, Justin, and Metin I. Eren. 2017. "Quantifying and Comparing Bipolar Versus Freehand Flake Morphologies, Production Currencies, and Reduction Energetics During Lithic Miniaturization." *Lithic Technology*, 2–19. <https://doi.org/http://dx.doi.org/10.1080/01977261.2017.1345442>.
- Pasqua, Monique, and David Bulbeck. 1998. "A Technological Interpretation of the Toalean, South Sulawesi." In *Bird's Head Approaches: Irian Jaya Studies-A Programme for Interdisciplinary Research*, edited by Gert-Jan Bastra, 221–31. AA.Balkema/Rotterdam/Brookfield.
- Patole-Edoumba, Elise, Philippe Duringer, Pascale Richardin, Laura Shackelford, Anne-Marie Bacon, Thongsa Sayavongkhamdy, Jean-Luck Ponche, and Fabrice Demeter. 2015. "Evolution of the Hoabinhian Techno-Complex of Tam Hang Rock Shelter in Noretheastern Laos." *Archaeological Discovery* 3: 140–57. <https://doi.org/104236/ad.2015.34013>.
- Perera, Nimal, Nikos Kourampas, Ian A. Simpson, Siran U. Deraniyagala, David Bulbeck, Johan Kamminga, Jude Perera, Dorian Q. Fuller, Katherine Szabo, and Nuno V. Olivera. 2011. "People of Ancient Rainforest: Late Pleistocene Foregers at the Batadomba-Lena Rockshelter, Sri Langka." *Journal of Human Evolution* 61: 254–69. <https://doi.org/10.1016/j.jhevol.2011.04.001>.
- Perston, Yinika, Mark W. Moore, Suryatman, Michelle C Langley, Budiando Hakim, Adhi Agus Oktaviana, and Adam Brumm. 2021. "A Standardised Classification Scheme for the Mid-Holocene Toalean Artefacts of South Sulawesi, Indonesia." *PLoS ONE* 16 (5): e0251138. <https://doi.org/10.1371/journal.pone.0251138>.
- Perston, Yinika, Iwan Sumantri, Budiando Hakim, Adhi Agus Oktaviana, and Adam Brumm. 2020. "Excavation Report for Leang Rakkoe: A New Toalean Site with Engraved Art in the Bomboro Valley, Maros Regency, South Sulawesi." *Walennae: Jurnal Arkeologi Sulawesi Selatan Dan Tenggara* 18 (1): 51–64. <https://doi.org/10.24832/wln.v18i1.427>.
- Petraglia, Michael, Chris Clarkson, Nicole Boivin, Michael Haslam, Ravi Korisettar, Gyaneshwer Chaubey, Peter Metspalu, Richard G. Roberts, and Lee J Arnold. 2009. "Population Increase and Enviromental Deterioration Correspond with Microlith Innovations in South Asia ca. 35,000 Years Ago." *PNAS* 16 (30): 12261–66. <https://doi.org/doi/10.1073/pnas.0810842106>.
- Presland, G. 1980. "Continuity in Indonesia Lithic Traditions." *The Artefact* 5: 19–46.
- Ramsey, Christopher Bronk. 2009. "Bayesian Analysis of Radiocarbon Dates." *Radiocarbon* 5 (1): 337–60.
- . 2017. "Methods for Summarising Radiocarbon Datasets." *Radiocarbon* 59 (2): 1809–33.
- Reimer, Paula J, Edouard Bard, Alex Bayliss, J Warren Beck, Paul G Blackwell, Christopher Bronk Ramsey, Caitlin E Buck, et al. 2013. "Intcal13 and Marine 13 Radiocarbon Age Calibration Curves 0-50,000 Years Cal BP." *Radiocarbon* 55 (4): 1869–87.
- Rosdianti, Evi Siti. 2020. "Teknologi Artefak Batu Di Situs Leang Jarie, Kecamatan

- Simbang, Kabupaten Maros: Kajian Budaya Toalian Di Sulawesi Selatan.” Universitas Hasanuddin.
- Rustan. 2001. “Sistem Perolehan Mollusc pada Leang Jarie, Kabupaten Maros.” Universitas Hasanuddin.
- Saiful, Andi Muhammad. 2019. “Suidae Dalam Strategi Subsistensi Penghuni Liang Panningge, Maros, Sulawesi Selatan.” Universitas Gadjah Mada.
- Salmia. 2020. “Jejak Pakai Alat Tulang Di Situs Leang Jarie, Kecamatan Simbang, Kabupaten Maros (Kajian Eksperimental Alat Tulang).” Universitas Hasanuddin.
- Samper Carro, Sofía C., Sue O Connor, Julien Louys, Stuart Hawkins, and Mahirta. 2016. “Human Maritime Subsistence Strategies in the Lesser Sunda Islands during the Terminal Pleistocene-Early Holocene: New Evidence from Alor, Indonesia.” *Quaternary International* 416: 64–79. <https://doi.org/10.1016/j.quaint.2015.07.068>.
- Samper Carro, Sofía C., Julien Louys, and Sue O’Connor. 2017. “Methodological Considerations for Ichthyoarchaeology from the Tron Bon Lei Sequence, Alor, Indonesia.” *Archaeological Research in Asia*. <https://doi.org/10.1016/j.ara.2017.09.006>.
- Sarasin, Paul, and Fritz Sarasin. 1905. *Reisen in Celebes*. Wiesbaden: C. W. Kreidel’s Verlag.
- Schick, Kathy, and Nicholas Toth. 2006. “An Overview of the Oldowan Industrial Complex: The Sites and the Nature of Their Evidence.” In *The Oldowan: Case Studies Into the Earliest Stone Age*, edited by Nicholas Toth and Kathy Schick, 4–42. Gosport, IN: Stone Age Institute Press.
- Setiawan, Taufiqurrahman. 2020. “Potensi Hunian Gua Dan Ceruk Di Kabupaten Aceh Besar.” *Berkala Arkeologi* 40 (1): 25–46. <https://doi.org/10.30883/jba.v40i1.506>.
- Setiawan, Taufiqurrahman, Anton Ferdianto, Nenggih Susilowati, Aswan, Andi Irfan Syam, Anggun Ibowo Saputra, Dwi Wahyudi, et al. 2020. “Gua Mabitce: Data Baru Situs Hoabinh Di Sumatera Bagian Utara.” *Amerta* 38 (2): 115–28. <https://doi.org/10.24832/amt.v28i2.115-128>.
- Simanjuntak, Truman, and Indah Nuraini Asikin. 2004. “Early Holocene Human Settlement in Eastern Java.” *Indo-Pacific Prehistory Association Bulletin* 2 (24): 13–19.
- Siregar, Darwin A., and Lutfi Yondri. 2013. “Gua Ketuk Di Kawasan Karts Pasir Pawon: Kandungan Budaya Dan Pertanggalan C-14.” *Forum Arkeologi* 26 (2): 97–108.
- Siska. 2019. “Teknologi Alat Tulang Di Situs Cappa Lombo, Kawasan Karst Bontocani, Kabupaten Bone.” Universitas Hasanuddin.
- Smith, Eugene I., Zenobia Jacobs, Racheal Johnsen, Minghua Ren, Erich C. Fisher, Simen Oestmo, Jayne Wilkins, et al. 2018. “Human Thrived in South Africa through the Toba Eruption about 74,000 Years Ago.” *Nature* 555: 511–15. <https://doi.org/10.1038/nature25967>.
- Sukanto, R. 1982. *Peta Geologi Lembar Pangkajene Dan Watampone Bagian Barat – Sulawesi, Skala 1:250.000*. Bandung: Pusat Penelitian dan Pengembangan

Geologi.

- Sukamto, R., and Sam Supriatna. 1982. *Peta Geologi Lembar Ujungpandang, Benteng Dan Sinjai, Sulawesi, Skala 1:250.000*.
- Sukestiyarno. 2013. *Statistika Dasar*. Yogyakarta: Penerbit Andi.
- Supriadi. 2008. "Pemanfaatan Kompleks Gua Prasejarah Bellae." Universitas Hasanuddin.
- Suryatman, Fakhri, Budianto Hakim, Yinika Perston, Ratno Sardi, Kim Newman, Hasanuddin, Muhammad Nur, and Khadijah Thahir Muda. 2021 "Incised Stone Artefact in the Context of Middle Holocene Burials at the Cappalombo 1, South Sulawesi, Indonesia." *Spafa Journal* 5.
- Suryatman, Fakhri, Ratno Sardi, and Budianto Hakim. 2020. "Perkembangan Teknologi Artefak Serpih Batu Pada Paruh Awal Holosen Di Leang Batti, Sulawesi Selatan." *Berkala Arkeologi* 40 (2): 195–218. <https://doi.org/10.30883/jba.v40i2.585>.
- Suryatman, Budianto Hakim, and Afdalah Harris. 2017. "Industri Alat Mikrolit Di Situs Balang Metti: Teknologi Toalean Akhir Dan Kontak Budaya Di Dataran Tinggi Sulawesi Selatan." *Amerta* 35 (2). <https://doi.org/10.24832/amt.v35i2.315>.
- Suryatman, Budianto Hakim, Muhammad Irfan Mahmud, Fakhri, Basran Burhan, Adhi Agus Oktaviana, Andi Muhammad Saiful, and Fardi Ali Syahdar. 2019. "Artefak Batu Preneolitik Situs Leang Jarie: Bukti Teknologi Maros Point Tertua Di Kawasan Budaya Toalean, Sulawesi Selatan." *Amerta* 37 (1): 1–17. <https://doi.org/10.24832/amt.v37i1.1-17>.
- Suryatman, Budianto Hakim, and Ratno Sardi. 2016. "Industri Alat Batu Cabbenge Di Lembah Walennae." In *Lembah Walennae: Lingkungan Purba Dan Jejak Arkeologi Peradaban Soppeng*, edited by Hasanuddin and Bernadeta A.K.W., 35–69. Makassar: Ombak.
- Suryatman, Sue O'Connor, David Bulbeck, Adhi Agus Oktaviana, and Unggul Prasetyo Wibowo. 2016. "Teknologi Litik Di Situs Talimbue, Sulawesi Tenggara: Teknologi Berlanjut Dari Masa Pleistosen Akhir Hingga Holosen." *Amerta* 34 (2): 81–152.
- Sutikna, Thomas, Matthew W. Tocheri, Michael J Morwood, E. Wahyu Saptomo, Jatmiko, Rokus Awe Due, Sri Wasisto, et al. 2016. "Revised Stratigraphy and Chronology for Homo Floresiensis at Liang Bua in Indonesia." *Nature* 000: 1–4. <https://doi.org/10.1038/nature17179>.
- Tanudirjo, Daud Aris. 2005. "Long-Continuous or Short-Occasional Occupation? The Human Use of Leang Sarru Rockshelter in the Talaud Island, Noreastern Indonesia." *IPPA Bulletin* 3: 15–19.
- Utoyo, Harry. 2008. "Bijih Besi Di Daerah Bontocani Kabupaten Bone, Sulawesi Selatan." *JSDG* 18 (309–317).
- Wardani, Putri Istika. 2008. "Morfometri Ornamen Gua (Speleothem) Di Kawasan Kars Buniayu, Sukabumi, Jawa Barat." Universitas Indonesia.
- Wedage, Oshan, Andrea Picin, James Blinkhorn, Katerina Douka, Siran Deraniyagala, Nikos Kourampas, Nimal Perera, et al. 2019. "Microlith in the South Asian

- Rainforest ~45-4ka: New Insights from Fa-Hien Lena Cave, Sri Langka." *Plos One* October 2: 1–36. <https://doi.org/10.1371/journal.pone.0222606>.
- White, Joyce C. 2011. "Emergence of Cultural Diversity in Mainland Southeast Asia: A View from Prehistory." In *Dynamics of Human Diversity*, edited by N. J. Enfield, 9–46. Pasific Linguistics.
- White, Joyce C., and C. Gorman. 2004. "Patternin 'Amorphous' Industries: The Hoabinhian Viewed Throught a Lithic Reduction Secuence." In *Southeast Asian Archaeology, Wilhem G. Solheim II*, edited by V. Paz, 411–41. Quaezin City: Festschrift Univerity of Philippines Press.
- Wilson, M. E. J. 1995. "The Tonasa Limestone Formation, Sulawesi, Indonesia: Development of a Tertiary Carbonate Platform." University of London.
- Wilson, M. E. J., and D. W. J. Bosence. 1996. "The Tertiary Evolutionof South Sulawesi: A Record in Redeposited Carbonates of the Tonasa Limestone Formation." In *Geological Society Special Publication*, edited by R. Hall and D. J. Blundel, 365–89.
- Yondri, Lutfi. 2012. "Budaya Obsidian Di Tepian Danau Bandung Purba." *Purbawidya* 1 (2): 249–66.

INFORMASI DATA TAMBAHAN

Informasi data tambahan berupa dabase analisis yang digunakan pada penelitian ini disajikan dalam format file microsoft excel dan R Worskpace. Semua database tersedia secara online dan dapat didownload pada link: <https://doi.org/10.17605/OSF.IO/3R9FS>