# Michael Steven Shackley

List of Publications by Year
in descending order



| 61 | 1,445 | 471509 17 | 361022 35 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 63 | 63 | 63 | 893 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Transformation of social networks in the late pre-Hispanic US Southwest. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 5785-5790. | 7.1 | 175 |
| 2 | Comparison of XRF and PXRF for analysis of archaeological obsidian from southern PerÃº. Journal of Archaeological Science, 2007, 34, 2012-2024. | 2.4 | 166 |
| 3 | Silo science and portable XRF in archaeology: a response to Frahm. Journal of Archaeological Science, 2013, 40, 1435-1443. | 2.4 | 158 |
| 4 | Sources of Archaeological Obsidian in the Southwest: An Archaeological, Petrological, and Geochemical Study. American Antiquity, 1988, 53, 752-772. | 1.1 | 93 |
| 5 | Sources of Archaeological Obsidian in the Greater American Southwest: An Update and Quantitative Analysis. American Antiquity, 1995, 60, 531-551. | 1.1 | 92 |
| 6 | An Introduction to X-Ray Fluorescence (XRF) Analysis in Archaeology. , 2011, , 7-44. | | 84 |
| 7 | The use of SEM-EDS, PIXE and EDXRF for obsidian provenance studies in the Near East: a case study from Neolithic Ã‡atalhÃ¶yÃ¼k (central Anatolia). Journal of Archaeological Science, 2010, 37, 2705-2720. | 2.4 | 74 |
| 8 | Source provenance of obsidian artifacts from the Early Stone Age (ESA) site of Melka Konture, Ethiopia. Journal of Archaeological Science, 2006, 33, 1647-1650. | 2.4 | 52 |
| 9 | Obsidian procurement, least cost path analysis, and social interaction in the Mimbres area of southwestern New Mexico. Journal of Archaeological Science, 2010, 37, 536-548. | 2.4 | 52 |
| 10 | Eastern Anatolian obsidians at Ã‡atalhÃ¶yÃ¼k and the reconfiguration of regional interaction in the Early Ceramic Neolithic. Antiquity, 2008, 82, 900-909. | 1.0 | 39 |
| 11 | The upper Gila river gravels as an archaeological obsidian source region: Implications for models of exchange and interaction. Geoarchaeology - an International Journal, 1992, 7, 315-326. | 1.5 | 37 |
| 12 | Factors Affecting the Energy-Dispersive X-Ray Fluorescence (EDXRF) Analysis of Archaeological Obsidian. , 2011, , 45-63. | | 35 |
| 13 | The Social and Economic Contexts of Lithic Procurement: Obsidian from Classic-Period Hohokam Sites. American Antiquity, 1997, 62, 231-259. | 1.1 | 34 |
| 14 | Mesoamerican Origin for an Obsidian Scraper from the Precolumbian Southeastern United States. American Antiquity, 2002, 67, 103-108. | 1.1 | 29 |
| 15 | Patterning in procurement of obsidian in Chaco Canyon and in Chaco-era communities in New Mexico as revealed by X-ray fluorescence. Journal of Archaeological Science, 2012, 39, 2995-3007. | 2.4 | 25 |
| 16 | Clovis Paleoecology and Lithic Technology in the Central Rio Grande Rift Region, New Mexico. American Antiquity, 2013, 78, 248-265. | 1.1 | 25 |
| 17 | Classic Period Hohokam Obsidian Studies in Southern Arizona. Journal of Field Archaeology, 1995, 22, 291-304. | 1.3 | 24 |
| 18 | Obsidian Evidence of Interaction and Migration from the Mesa Verde Region, Southwest Colorado. American Antiquity, 2011, 76, 773-795. | 1.1 | 21 |

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|---|---|---|---|
| 19 | Intrasource Chemical Variability and Secondary Depositional Processes. , 1998, , 83-102. | | 21 |
| 20 | Dynamics of Hohokam obsidian circulation in the North American Southwest. Antiquity, 1999, 73, 836-845. | 1.0 | 20 |
| 21 | The Stone Tool Technology of Ishi and the Yana of North Central California: Inferences for Hunter-Gatherer Cultural Identity in Historic California. American Anthropologist, 2000, 102, 693-712. | 1.4 | 15 |
| 22 | Sources of archaeological dacite in northern New Mexico. Journal of Archaeological Science, 2011, 38, 1001-1007. | 2.4 | 10 |
| 23 | The first laminar Mousterian obsidian industry in the north-central Caucasus, Russia (preliminary) Tj ETQq1 1 0.784314 rgBT /Overlock 1 2019, 18, 82-99. | 0.7 | 10 |
| 24 | Tank Mountains Obsidian: A Newly Discovered Archaeological Obsidian Source in East-Central Yuma County, Arizona. Kiva, The, 1991, 57, 17-25. | 0.5 | 9 |
| 25 | THE LOS SITIOS DEL AGUA OBSIDIAN SOURCE (FORMERLY AZ UNKNOWN A) AND RECENT ARCHAEOLOGICAL INVESTIGATIONS ALONG THE RIO SONOYTA, NORTHERN SONORA. Kiva, The, 2011, 76, 413-429. | 0.5 | 9 |
| 26 | Elemental, isotopic, and geochronological variability in Mogollonâ€Datil volcanic province archaeological obsidian, southwestern USA: Solving issues of intersource discrimination. Geoarchaeology - an International Journal, 2018, 33, 486-497. | 1.5 | 9 |
| 27 | Mass Production and Procurement at Valle del Azufre: A Unique Archaeological Obsidian Source in Baja California Sur. American Antiquity, 1996, 61, 718-731. | 1.1 | 8 |
| 28 | Geochemical Characterization of Four Quaternary Obsidian Sources and Provenance of Obsidian Artifacts from the Middle Stone Age Site of Gademotta, Main Ethiopian Rift. Geoarchaeology - an International Journal, 2017, 32, 302-310. | 1.5 | 8 |
| 29 | New data about exploitation of the Zayukovo (Baksan) obsidian source in Northern Caucasus during the Paleolithic. Journal of Archaeological Science: Reports, 2019, 23, 157-165. | 0.5 | 8 |
| 30 | Obsidian in the Casas Grandes world: Procurement, exchange, and interaction in Chihuahua, Mexico, CE 1200â€“1450. Journal of Archaeological Science: Reports, 2017, 11, 555-567. | 0.5 | 7 |
| 31 | A Reassessment of Archaeological Obsidian from Southern Alta California and Northern Baja California. California Archaeology, 2017, 9, 53-77. | 0.1 | 7 |
| 32 | Distribution and sources of secondary deposit archaeological obsidian in Rio Grande alluvium New Mexico, USA. Geoarchaeology - an International Journal, 2021, 36, 808-825. | 1.5 | 7 |
| 33 | Integrative geochronology calibrates the Middle and Late Stone Ages of Ethiopiaâ€™s Afar Rift. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 7.1 | 7 |
| 34 | Comment on â€œTomato Springs: The Identification of a Jasper Trade and Production Center in Southern Californiaâ€• American Antiquity, 1987, 52, 616-623. | 1.1 | 6 |
| 35 | Limited Prehistoric Procurement of Sand Tank Obsidian, Southwestern Arizona. Kiva, The, 2001, 66, 345-374. | 0.5 | 6 |
| 36 | The Topaz Basin archaeological obsidian source in the transition zone of central Arizona. Geoarchaeology - an International Journal, 2009, 24, 336-347. | 1.5 | 6 |

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|---|---|---|---|
| 37 | OBSIDIAN SOURCE CHARACTERIZATION AT LAS COLINAS: SHIFTING EXCHANGE PATTERNS DURING THE HOHOKAM SEDENTARY - CLASSIC TRANSITION. Kiva, The, 2012, 77, 281-312. | 0.5 | 6 |
| 38 | Temporal Variation in Obsidian Procurement in the Northern Rio Grande and Its Implications for Obsidian Movement into the San Juan Area. American Antiquity, 2020, 85, 152-170. | 1.1 | 6 |
| 39 | The Selene Obsidian Source (Formerly Sonora Unknown B) of the Upper RÃo Bavispe Basin, Sonora, Mexico. Kiva, The, 2014, 80, 168-192. | 0.5 | 5 |
| 40 | MORE THAN JUST JEMEZ PUEBLO OBSIDIAN: COMMENT ON LIEBMANN'S â€œâ€¦ LANDSCAPES OF SIGNIFICATION IN THE AMERICAN SOUTHWESTâ€• American Antiquity, 2018, 83, 753-755. | 1.1 | 5 |
| 41 | Long-Distance Exchange of Obsidian in the mid-Atlantic United States. , 2010, , 17-35. | | 5 |
| 42 | El Paso Phase Obsidian Procurement in Southern New Mexico: Implications for Jornada Mogollon Regional Interaction and Exchange. Kiva, The, 2017, 83, 267-291. | 0.5 | 4 |
| 43 | Natural and Cultural History of the Obsidian Butte Source, Imperial County, California. California Archaeology, 2019, 11, 21-43. | 0.1 | 4 |
| 44 | TWO NEWLY DISCOVERED SOURCES OF ARCHAEOLOGICAL OBSIDIAN IN THE SOUTHWEST. Kiva, The, 2009, 74, 269-280. | 0.5 | 3 |
| 45 | ED-XRF analysis of obsidian artifacts from Yanawilka, a settlement of transplanted laborers (mitmaqkuna), and implications for Inca imperialism. Journal of Archaeological Science: Reports, 2018, 18, 213-221. | 0.5 | 3 |
| 46 | Recent research on megalithic stele sites of the Gedeo Zone, Southern Ethiopia. Journal of Archaeological Science: Reports, 2018, 19, 856-863. | 0.5 | 3 |
| 47 | Recent Research in the Sahuaripa Region of Sonora, Mexico. Kiva, The, 2021, 87, 461-485. | 0.5 | 3 |
| 48 | Pachuca Obsidian Blades from the U.S. Southwest: Implications for Mesoamerican Connections and Coronado's Mexican Indian Allies. American Antiquity, 2021, 86, 773-793. | 1.1 | 3 |
| 49 | Prehistoric Adaptation, Identity, and Interaction Along the Northern Gulf of California. California Archaeology, 2020, 12, 163-195. | 0.1 | 2 |
| 50 | Archaeological Curatorship:Archaeological Curatorship.. Museum Anthropology, 1992, 16, 60-62. | 0.2 | 1 |
| 51 | The Source Provenance of an Obsidian Eden Point from Sierra County, New Mexico. PaleoAmerica, 2016, 2, 48-51. | 1.5 | 1 |
| 52 | Long-distance conveyance of California obsidian at the Hayhurst lithic cache site (34ML168) in Oklahoma. Plains Anthropologist, 2018, 63, 279-297. | 0.3 | 1 |
| 53 | Technological Analysis and Source Provenance of Obsidian Artifacts from a Sun Pyramid Substructure Cache, Teotihuacan, Mexico. Latin American Antiquity, 2019, 30, 205-210. | 0.6 | 1 |
| 54 | New Dates for Megalithic Stele Monuments of Gedeo, South Ethiopia. Journal of African Archaeology, 2021, -1, 1-26. | 0.6 | 1 |

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| 55 | : Early Prehistoric Agriculture in the American Southwest . W. H. Wills.. American Anthropologist, 1990, 92, 828-828. | 1.4 | 0 |
| 56 | Obsidian Provenance Data Reveals New Insights into Archaic Lifeways in Chihuahua, Mexico. Lithic Technology, 2019, 44, 237-256. | 1.1 | 0 |
| 57 | Psytuaje rockshelter â€“ A new site documenting the final of the Epipalaeolithic in the north-central Caucasus, Russia. Journal of Archaeological Science: Reports, 2020, 29, 102186. | 0.5 | 0 |
| 58 | Lithics. Encyclopedia of Earth Sciences Series, 2017, , 476-486. | 0.1 | 0 |
| 59 | X-Ray Fluorescence (XRF): Applications in Archaeology. , 2018, , 1-7. | | 0 |
| 60 | X-Ray Fluorescence (XRF): Applications in Archaeology. , 2020, , 11381-11387. | | 0 |
| 61 | The terminal Pleistocene â€“ea rly Holocene cultural continuity in the north-central Caucasus: Evidence from Psytuaje rockshelter in the region context. Journal of Archaeological Science: Reports, 2022, 44, 103523. | 0.5 | 0 |