

CURRICULUM VITAE

Leore Grosman

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Office Address: Institute of Archaeology, The Hebrew University of Jerusalem, Mt. Scopus 919051, Israel; Tel # 972-2-5882118; Fax # 972-2-5825548, Email Address: leore.grosman@mail.huji.ac.il.

Web site - <https://leoregrosman.huji.ac.il/>

Laboratory web page: <https://archaeology.huji.ac.il/computational-archaeology-laboratory>

HIGHER EDUCATION

- 1985 - 1992 B.A. at The Hebrew University, Archaeology, Egyptology and Mathematics.
- 1992 - 1998 M.A. at The Hebrew University, Prehistoric Archaeology.
- 1998 - 2005 Ph.D. (*Summa cum Laude*) at The Hebrew University, in Prehistoric Archaeology, supervisors: Prof. Belfer-Cohen and Prof. Sharon
- 2006 - 2009 Post-doctoral fellowship at Weizmann Institute of Science, Department of Physics of Complex Systems. Host: Prof. Smilansky

APPOINTMENTS AT THE HEBREW UNIVERSITY OF JERUSALEM

- 1995 - 1996 Adjunct Lecturer in Archaeology, Rehovot campus
- 1992 - 2005 Teaching Assistant and Adjunct Lecturer, Institute of Archaeology
- 2005 Adjunct Lecturer at the Rothberg International School
- 2002 - 2009 Adjunct Lecturer at the School of Life Sciences
- 2006 - 2010 Adjunct Lecturer at the Institute of Archaeology
- 2010 - 2011 Researcher at 3-D laboratory, Institute of Archaeology
- 2011 - 2015 Senior Lecturer, Institute of Archaeology
- 2016 - 2020 Associate Professor, Institute of Archaeology, The Hebrew University
- 2021 - present Full Professor, Institute of Archaeology, The Hebrew University

ADDITIONAL FUNCTIONS AT THE HEBREW UNIVERSITY OF JERUSALEM

- 2012 – 2015 Member of the committee of Avnei-Pina program
- 2013 – 2016 Head of the Geo-Archaeological study program (jointly with R. Rabinovich)
- 2013 – present Member of the committee for Information Technology at the Faculty of Humanities
- 2010 – 2021 Member of the PhD committee at the Institute of Archaeology
- 2013 - 2020 Head of the Prehistory section, Institute of Archaeology
- 2016 - 2019 Co-director of Mandel Scholion Interdisciplinary Research group “The Material for Change”, including co-organizer of international conference, Extra-Ordinary: Unique and Common Artifacts as Social Actors”
- 2019 – 2021, 2023- 2024 Vice dean for research affairs, Faculty of Humanities
- 2010 - present Head of the Computational Archaeology Laboratory
- 2019 – present Development Committee, Faculty of Humanities
- 2022 – present Member of the full professor University appointments committee
- 2021 – present Member of the Scholion committee

DIRECTOR OF HUJI EXCAVATIONS

Site	Role	Year
Hilazon Tachtit Cave, Galilee, Israel	Director	1997-2008
Survey at Hatula, the Judean Shefela, Israel.	Co-director with Prof. N. Goren-Inbar	2004
Kramim Golan Heights, Israel	Director	2006
Survey and Excavation at Kaizer site Judean Hill.	Co-director with Prof. N. Goren-Inbar	2007-2009
Nahal Ein Gev II, Galilee, Israel	Director	2010-ongoing
Nahal Zihor, Neolithic site	Director	2017-ongoing
Ein Gev IV	Director	2017-ongoing
Iza cave	Director	2021-ongoing

SERVICE IN OTHER ACADEMIC AND RESEARCH INSTITUTIONS

- 2015 Sept.-Jan. Visiting scholar at the Interdisciplinary Center for Scientific Computing (IWR), Heidelberg University.
- 2018 Sept Visiting scholar at The Catalan Institute of Human Paleocology and Social Evolution (IPHES), Tarragona, Spain.
- 2019 April Visiting scholar at the department of Anthropology, Russian Academy of Science
- 2019 July Visiting scholar at the Institute of Vertebrate Paleontology and Paleoanthropology, Chinese Academy of Sciences, Beijing, China
- 2021 (Sep-Jan) Visiting scholar at the Cross-Cultural and Regional Studies, Copenhagen University, Denmark;
- 2022 (Feb-June) Visiting scholar at the Department of Anthropology, University of Connecticut, USA

COMMISSIONS OF TRUST

- 2016-2019 Review Board, EU-H2020 projects (European Commission), Unit B3 - Inclusive, Innovative and Reflective Societies
- 2017-2018 Review Board for Graduate Students Fellowships. Jack, Joseph and Morton Mandel School for Advanced Studies in the Humanities, The Hebrew University
- 2013-2020 Review Board for Graduate Students Fellowships. Institute of Archaeology, The Hebrew University
- 2013-ongoing Reviewer, Master and PhD theses, The Hebrew University, Tel-Aviv University, Beer Sheva University, University of the Witwatersrand (South Africa)
- 2017, 2019,2022 Reviewer for National Science Foundation, USA
- 2018-2020 Reviewer for the Israel Council for Higher Education, Post-doctoral programs
- 2019-2020 Reviewer for the Israel Science Foundation
- 2020-present Reviewer Leaky Foundation
- 2020-present Reviewer Board for The Mandel Scholion Center at Jack, Joseph and Morton Mandel School for Advanced Studies in the Humanities, Hebrew University
- 2017-present Advisory Board Member of *Journal of Archaeological Method and Theory*
- 2020-present Advisory Board Member of *Journal Qadmoniot*
- 2005-ongoing Reviewer for Journals: Science, Proceedings of the National Academy of Sciences, National Geographic Society, Journal of Human Evolution,

Journal of Archaeological Science, Journal of Anthropological Archaeology, Plants and World Archaeology, Journal of Archaeological Method and Theory, Antiquity, PlosOne, Journal of Archaeological Science: Reports

MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

- 2006 - 2007 BINCA research group, The Prehistory of the Hebrew Language, members: Prof. Noam Agmon (Chemistry), Prof. Anna Belfer-Cohen (Prehistory), Prof. Steven E. Fassberg (Semitic linguistics), Prof. Naftali Tishby (Informatics, Computer Sciences)
- 2009 - 2012 Center of Excellence, Institute for Advanced Studies, The Hebrew University, Climate Change in the Upper Jordan Valley between Ca. 800 Ka -700 Ka Ag, headed by Prof. Naama Goren Inbar
- 1992- present Israel Prehistoric Society
- 2001- present Society of American Archaeology

RESEARCH GRANTS

- 1997, 1999, 2000, 2002, 2003, 2006: Irene Levi Sala Care Archaeological Foundation – in support of the “Hilazon Tachtit excavation project”
- 1999 – The Leakey Foundation – “The Natufian Encampment at Hilazon Tachtit Cave”.
- 2006 – National Geographic – “The Natufian Burial Ground at Hilazon Tachtit Cave, Galilee, Israel”.
- 2007-2008: Amiran Foundation, “Survey at Kaizer, Pre Pottery Neolithic Site”, jointly with Prof. Naama Goren Inbar.
- 2011 – 2014 Israel Science Foundation: “*The Natufian twilight - end of the Palaeolithic era*”.
- 2012 – 2017 Yad HaNadiv: “*establishment of a computation archaeology lab at the IAA and related research and development work at The Hebrew University*”, Jointly with the IAA.
- 2014-2018 Israel Science Foundation: “*A culture at cross-roads - Palaeolithic vs. Neolithic modes of existence*”.
- 2016-2019 The Wilson Charitable Trust: “*A New Look at Ancient Rock Engravings*”.
- 2017 Irene Levi Sala Care Archaeological Foundation: “Renewed investigation of the Ein Gev IV Epipalaeolithic site”
- 2019 Irene Levi Sala Care Archaeological Foundation: “*The Late Natufian Burial Structure at Nahal Ein Gev IP*”
- 2019-2023 Israel Science Foundation: “*On the eve of the Neolithic – The beginnings of village life*”
- 2019-2020 Gerda Henkel Foundation: “*Lower Paleolithic Spheroids Project*” (in collaboration with Dr. Deborah Barsky, The Catalan Institute of Human Paleoecology and Social Evolution (IPHES))
- 2022-2023 Israel Science Foundation, workshop grant: “*Prehistoric Constructions - Bringing Together Archaeologists and Architects*”
- 2023-2027 Israel Science Foundation: “*The Upper Jordan Valley at a Crossroads between Lifeways*”
- 2024-2029 Horizon Research and Innovation, European Commission grant: “*AUTOMated enriched digitisation of Archaeological liThics and cerAmics*” (consortium of research centers headed by Gabriele Gattiglia, University of Pisa)

TEACHING AT THE HEBREW UNIVERSITY

A. Graduate Students

MA students:

- Ms. Noa Klein, 2009 - 2013: “Hof Shahaf – Lithic assemblage” (jointly with Prof. Anna Belfer-Cohen).
- Mr. Efraim Wallach, 2011 - 2013: “The Natufian culture as a test case for Niche Construction” (jointly with Dr. Arnon Levy).
- Mr. Ahiad Ovadia, 2012 - 2016: “The Natufian technology of producing ground stone tools”
- Mr. Alex Bogdanovsky, 2012 - 2016: “Computational analysis of weapons”
- Mr. Netanel Paz, 2012 - 2016: “Village Life during the EB Ib in Northern Israel: The Excavations at the Fringes of Tel Qashish as a Test Case”
- Ms. Hadas Goldgeier, 2015 - 2019: “Spatial Analysis in Hilazon Tachtit Cave”
- Ms. Talia Yashuv, 2016 - 2021: “Reconstruction of Natufian craft - Perforated items from Nahal Ein Gev II”
- Ms. Timna Raz, 2017- 2021: “Developing new methodologies for detecting ancient fields”
- Ms. Keren Nebenhaus, 2017- 2021: “Understanding Prehistoric Curiosities: A Case Study from a Late Natufian Burial Site”
- Natalia Gubenko, 2018- 2021: “Early history of Prehistoric investigations in the Holy Land (1864-1918). (jointly with Prof. Anna Belfer-Cohen).
- Michal Kapuller, 2022 – current: “the children burial at Nahal Ein Gev II”
- Tal Rosh, 2023 – current: “Reconstruction of the Epi-Paleolithic occupation at Iza cave, Ein Gev area”
- Maya Yizhaki, 2023-current: “Mason's Marks in 3D: A Case Study From the Holy Land
- Nadav Rozenhal, 2023-current: “Applying 3D analysis for the understanding of Second temple stone vessels”
- Ornit Lukach, 2023-current: “The provenance of the green stones from Nahal Ein Gev II”

PhD students:

- Ms. Ortal Harush, 2014 – 2021: “Ceramic personal style based on the morphologic analysis of commercial Jars”
- Mr. Francesco Valletta, 2014 – 2021: “The middle and late Epi-Paleolithic lithic industries – a quantitative analysis”
- Mr. Antoine Muller, 2017 – 2024: “Exploring variation in three-dimensional handaxe morphology to reveal nature of hominin dispersals in Southwestern, Southern and Eastern Asia” (The Asian Sphere Program fellowship, Jointly with Prof. Gonen Sharon, Tel Hi Collage)
- Ms. Lena Dubinsky, 2016 - current: “Developing a method for the understanding of rock engravings: The Timna case study” (Jack, Joseph and Morton Mandel School for Advanced Studies in the Humanities fellowship)
- Ms. Hadas Goldgeier, 2019 – current: “Architecture of the earliest villages – style and building methods in structures from the Natufian to the Early Neolithic in the Levant”
- Ms. Natalia Gubenko, 2023 – current: “The history of prehistoric research in Israel (1948-1967) and the founding father – Prof. Moshe Stekelis (jointly with Prof. Anna Belfer-Cohen)
- Ms. Timna Raz, 2024 – current:” Reconstruction of a 12,000-year-old prehistoric space
- Ms. Roxanne Lebenzon 2020– current: “Exploring variability in gazelle skeletal element morphology using 3D (at University of Connecticut, jointly with Prof. Natalie D. Munro)

Visiting PhD students – (collaboration projects)

- Roxanne Lebenzon, 2019 July-Aug, University of Connecticut. Project: Animal Bone analysis in 3-D
- Wenting XIA, 2019 Sep-Jan, Institute of Vertebrate Paleontology and Paleoanthropology, Chinese Academy of Sciences, Beijing. Project: Lithic evidence from the Hanzhong basin, Central China
- Shubham Rajak, 2022 May-August, Deccan College Postgraduate and Research Institute (Deemed University), Pune, India. Project: Application of 3D technology for study of Stone tool technology and prehistoric activity areas in North Karanpura Valley
- Annie Melton, 2021 Sep-Jan, University of Minnesota Cracking the Core: Assessing Variability Within and Among Paleolithic Learning Niches Utilizing Refitted Core Sequences
- Anna-Marie Marko, 2023 February, University of Hradec Králové: 3D analysis of Mezolithic lithic assemblages in Czech Republic
- Filippo Zangrossi, April 2023-July 2023, IPHES, Rovira i Virgili University, Tarragona
- Jochanan Abitbul, April 2023-July 2023, Institute for Classical archaeology, Heidelberg University (2023)
- Heeli Shechter 2024, The French National Research Agency (ANR): “*The emergence of potter in the Southern Levant*” - CERASTONE (Directed by Julien Vieugue)

B. Post-doctoral students

- Dr. Enora Gandon, 2011-2013 – Foundation Fyssen Post doctorate fellow, “The study of wheel-throwing skill as a first step towards an analysis of the copy-with-error hypothesis”.
- Dr. Greg Bergman, 2014, former NASA engineer for image analysis, Fulbright research visitor.
- Dr. Marta Modolo, 2020-2022 – Marie Skłodowska-Curie Individual Fellowships, “Attesting Neanderthal Dwelling Space Use: effects of human occupations in Middle Palaeolithic record”
- Dr. Emily Sarah Hallinan, 2020-2022 - Marie Skłodowska-Curie Individual Fellowships, “Technological Adaptations of Nubian cores in the Karoo”
- Dr. Laurent Davin - 2020-2024 – Foundation Fyssen Post doctorate fellow, “Personal ornament of the first sedentary in the Near East. Technological innovations, symbolic, economic and cultural normalizations in a complex social organization”.
- Dr. Gadi Herzlinger – 2021-2024 – Israel Academy of Science and Humanities and Council for Higher Education, Post-doctoral fellowship: “Shedding new light on the Tabun 2-C mandible: A novel computational approach”
- Dr. Laurent Davin - 2023-current – Israel Academy of Science and Humanities and Council for Higher Education, Post-doctoral fellowship: “Natufian Ornaments”
- Dr. Heeli Shechter – 2023-current: “the shell beads assemblage from Nahal Ein Gev II”

C. Courses taught in the last 5 years

- **Bachelor's degree courses**
 - Computational Archaeology
 - The Origins of Agriculture: Levant, America and China
 - Transitional periods in Prehistory
 - Human Prehistory
 - Levantine Upper Palaeolithic and Epipalaeolithic Entities
 - Scientific Topics in Archaeology
 - Research of Human Prehistory in the 21st Century

- Modern Human expansion to Europe
- Introduction to Prehistoric Archaeology
- **Master's degree courses**
 - Field Archaeology
 - Developments of prehistoric closed spaces – to the Neolithic house
 - Computation Archaeology in 3-D
 - Topics in Prehistoric Archaeology – MA seminar
 - Geo-Archaeology – MA seminar

ORGANIZATION OF CONFERENCES

2018 “Extra-Ordinary: Unique and Common Artifacts as Social Actors” international conference at The Hebrew University, Jerusalem, Israel (jointly with Prof. Gideon Shelach, Prof. Rina Talgam and Prof. Nir Avieli).

2023 “Prehistoric Constructions – Bringing together Archaeologists and Architects” international workshop at The Hebrew University, Jerusalem, Israel

CONFERENCES (last 5 years)

- 2017 77th Annual Meeting of the Society of American Archaeologists (Vancouver, Canada)
Paper presented: ““Ashes to ashes, dust to dust” –Natufian Cemeteries and Human Perceptions of Nature” (jointly with Natalie D Munro)
- 2017 Reappraisal of Hominin Group Size in the Lower Palaeolithic, Israel Institute of Advanced Studies (Jerusalem, Israel)
Paper presented: “Population Dynamics in a Multivariable System Dynamics Simulation”
- 2018 Digital Humanities Forum (Ben Gurion University, Israel)
Paper presented: “Archaeological artifacts in 3-D”
- 2018 Sacred Places & Spaces: Prehistoric Perspectives (The Hebrew University, Jerusalem, Israel)
Paper presented: “Sacred caves in the landscape during the late Natufian – the case study of Hilazon Tachtit cave”
- 2018 Extra-Ordinary: Unique and Common Artifacts as Social Actors (The Hebrew University, Jerusalem, Israel).
Paper presented: “On Turning the Mundane into the Extraordinary: A Case in Point from Nahal Ein Gev II”
- 2019 9th Conference on PPN Chipped and Ground Stone Industries of the Near East (Tokyo, Japan). Papers presented:
“The Natufian: burials as a cultural marker” (jointly with A. Belfer-Cohen).
“Drilling tools and perforated items at cultural crossroads” (jointly with T. Yashuv)
- 2022 Global Themes and Local Variations (Tel Aviv, Israel) Paper presented:
“The diffusion of ideas and stone tools through the southern Levant corridor”
- 2022 Ancestral Stones: Reimagining the significance of stone from the Paleolithic to the Present (Tel Aviv, Israel) Paper presented:
Curiosities from a 12,000-year-old ritual context (jointly with K. Nebenhaus)
- 2022 10th Conference on PPN Chipped and Ground Stone Industries of the Near East (Copenhagen, Denmark). Paper presented:
“Neolithic Axes, Adzes, Chisels: A 3D Approach” (jointly with A. Muller)

INVITED SPEAKER

- Oct. 2015 Colloquium Interdisciplinary Center for Scientific Computing, IWR, Heidelberg University. “The study of Levantine Prehistory based on computerized 3D Analysis”

- Oct. 2015 The Vienna Environmental Research Accelerator (VERA), Vienna University. “Computerized Archaeology – 3D Tools for Investigating Archaeological Artifacts”
- Nov. 2015 Maison Archeologie Ethnologie, CNRS, Paris. “Nahal Ein Gev Site - A Late Natufian Village in the Jordan Valley”
- Nov. 2015 Sorbonne University, Paris. “The Late Natufian in the Southern Levant – new insights”
- Dec. 2015 Institute of Archaeology, University of Tubingen. “The Late Natufian in the Southern Levant: New Perspective”
- Jan. 2017 Guest Scholar, The W. F. Albright Institute of Archaeological Research, Jerusalem
- Feb. 2018 “I. Drakopoulos” amphitheatre, University of Athens. “The Natufian culture - the harbinger of food of food-producing societies”
- July 2018 International Symposium, The Origins of the Upper Paleolithic in Eurasia and the evolution of the genus Homo Denisova Cave, Altai, Russia. “Fingerprints of the Past – Recognizing Group Identity through 3D Analysis”
- Nov. 2018 Workshop: The Younger Dryas and the Archaeology of the Near East: Towards New Interdisciplinary Approaches, University of Toronto, Canada. “The Late Natufian”
- April 2019 Moscow, invited guest of the Department of Anthropology, Russian Academy of Science. “Application of 3D analysis on bones”
- June 2019 Institute of Vertebrate Paleontology and Paleoanthropology, Chinese Academy of Sciences, Beijing, China. “Computational Archaeology- 3D Tools for Investigating Artifacts”
- Online. Aug. 2020 Sharma Centre for Heritage Education, India. “3D Tools for Investigating Archaeological Artifacts”
- Online. Jan. 2021, Prehistoric Department Seminar, Cologne University, Germany. “Integrating 3-D methodology into Prehistoric Research”
- Online. Feb. 2021, Religion Studies Association “ritual and ceremony” meeting. “Natufian burial rituals at Hilazon Tachtit cave”
- Online. April 2021, International Forum for Neolithic Studies, “OnlineNeolithic” meeting. “Is the Epipaleolithic-Neolithic Boundary Real?”
- Online. April 2021, Sharma Centre for Heritage Education, India. “The Natufian culture - the harbinger of food-producing societies”
- Nov. 2021, Department of Cross-Cultural and Regional Studies, University of Copenhagen, Denmark. “Life and death at the end of the Paleolithic in the Southern Levant”
- Feb. 2022, Department of Anthropology, University of Connecticut. “Life and death at the end of the Paleolithic in the Southern Levant”
- Online. May. 2022. Institute of Archaeology, Heidelberg University. “Fingerprints of past societies through 3D Analysis”
- July 2024, Nanterre Université, Paris. CERASTONE Project. “Computing Variability of Early Ceramics: 3-D analysis” (with Ortal Harush and Heely Schechter)
- July 2024, University of Innsbruck, Hall in Tyrol, Austria. “A 12.000-year-old Shaman burial from the Southern Levant (Israel)”

LIST OF PUBLICATIONS

PhD THESIS

1. **Grosman, L.** *Computer Simulation of Variables in Models of the Origins of Agriculture in the Levant*. 2005. Unpublished PhD Thesis. The Hebrew University of Jerusalem.

CHAPTERS IN COLLECTIONS:

2. **Grosman L.** and A. Belfer-Cohen. 2002. "Zooming onto the 'Younger Dryas". In: *The Dawn of Farming*. Eds. R. Cappers and S. Bottema, pp. 49-54. ex oriente, Berlin.
3. Belfer-Cohen A and L. **Grosman**. 2007. "Tools or Cores? Carinated Artifacts. In: *Tools versus Cores Alternative Approaches to Stone Tool Analysis*. Ed. S. P. McPherron, pp.143-163. Cambridge Scholars Publishing, Cambridge.
4. **Grosman L.** 2008. Hilazon Tachtit Cave. In: *The New Encyclopedia of Archaeological Excavations in the Holy Land*. (Volume 5, 5th edition). Ed. E. Stern, pp.1780-1782. Israel Exploration Society and the Biblical Archaeology Society, Washington DC.
5. **Grosman L.** 2009. The Natufian. In: *The Middle East: The Cradle of Civilization Revealed*. Ed. D. Kidd, pp. 32-35. Global Book Publishing PTY Ltd, Lane Cove, Australia.
6. **Grosman L.**, G. Sharon, T. Goldman-Neuman^C and U. Smilansky^C. 2011. 3D modeling – new method for quantifying post-depositional damages. In: *SCCH 2009 Scientific Computing and Cultural Heritage*. Eds. M. Winckler and G. Bock, pp1-22. Springer, Berlin.
7. **Grosman L.** and N. Goren Inbar. 2010. Evidence in Rock – A Neolithic Quarry at Kaizer Hill, Modi'in. In: *New Studies in the Archaeology of Jerusalem and its Region*. Eds. D. Amit, O. Peleg -Barkat and G. Stiebel, pp. 40-53. The Hebrew University and Israel Antiquity Authority, Jerusalem. (In Hebrew).
8. Dubreuil L. and L. **Grosman**. 2013. The Life History of Macrolithic tools at Hilazon Tachtit Cave. In: *Natufian Foragers in the Levant*. Eds. O. Bar-Yosef and F. Valla, pp 527-543. International Monographs in Prehistory, Ann Arbor.
9. **Grosman L.** 2013. The Natufian chronological scheme – new insights and their implications. In: *Natufian Foragers in the Levant*. Eds. O. Bar-Yosef and F. Valla, pp 622-635. International Monographs in Prehistory, Ann Arbor.
10. Marder O., R. Yeshurun, H. Smithline, O. Ackermann, D. E. Bar-Yosef Mayer, A. Belfer-Cohen, L. **Grosman**, I. Hershkovitz, N. Klein and L. Weissbrod. 2013. Hof Shahaf: A New Natufian Site on the Shore of Lake Kinneret. In: *Natufian Foragers in the Levant*. Eds. O. Bar-Yosef and F. Valla, pp 505-526. International Monographs in Prehistory, Ann Arbor.
11. Herzlinger G., L. **Grosman** and N. Goren-Inbar. 2013. The PPNA Quarry of Kaizer Hill, Modi'in, Israel – The Waste Piles. In: *Stone Tools in Transition: From Hunter-Gatherers to Farming Societies in the Near East*. Eds. F. Borrell, JJ Ibáñez and M. Molist, pp 395-406. Universitat Autnoma de Barcelona. Servei de Publicacions, Barcelona.
12. Richardson E., L. **Grosman**, U. Smilansky and M. Werman. 2013. Extracting Scar and Ridge Features from 3D-scanned Lithic Artifacts. In: *Archaeology in the Digital Era*. Eds. G. Earl, T. Sly, A.Chrysanthi, P. Murrieta-Flores, C. Papadopoulos, I. Romanowska, and D. Wheatley, pp. 83-92. Proceedings of Computer applications and quantitative methods in Archaeology CAA (2012). Amsterdam University Press, Amsterdam.

13. **Grosman L.**, A. Ovadia and A. Bogdanovsky. 2014. Neolithic Masks in a Digital World. In: *Face to Face*. Ed. D. Hershman, pp. 54-57. Israel Museum Catalogue, Jerusalem.
14. **Paz I.**, S. Mizrahi and **L. Grosman**. 2015. Ancient Cultivated Fields: Early Bronze III test case from Tel Yarmut. In: *New Studies in the Archaeology of Jerusalem and its Region*. Eds. D. Ben-Ami, O. Peleg –Barkat, Y. Gadot and G. Stiebel, pp. 91-98. The Hebrew University and Israel Antiquity Authority, Jerusalem. (In Hebrew).
15. **Grosman L.** and N. Munro. 2017. Hilazon Tachtit Cave, a Late Natufian burial site in the western Galilee of Israel (12,000 BP). In *Quaternary Environments, Climate Change and Humans in the Levant*. Eds. Y. Enzel and O. Bar-Yosef. Cambridge University Press. Cambridge.
16. **Grosman L.** 2017. The Natufian culture and the threshold for early farming. In *Quaternary Environments, Climate Change and Human in the Levant*. Eds. Y. Enzel and O. Bar-Yosef. Cambridge University Press. Cambridge.
17. Munro ND and **L. Grosman**. 2019. The Forager-Farmer Transition in the Southern Levant (ca. 20,000-8,500 cal. BP). In *The Social Archaeology of the Levant: From Prehistory to the Present*. Eds. A. Yasur-Landau, E Cline and Y. Rowan, pp47-66. Cambridge University Press, Cambridge.
18. Abadi I. and **L. Grosman**. 2019. Sickle blade technology in the Late Natufian of the Southern Levant. In *Near Eastern Lithic Technologies on the Move. Interactions and Contexts in Neolithic Traditions*, edited by L. Astruc, C. McCartney, F. Briois and V. Kassianidou, pp295-304. Nicosia: Astrom Editions Limited.
19. Shaham D. and **L. Grosman**. 2019. Engraved stones from Nahal Ein Gev II – portraying a local style, forming cultural links. In *Near Eastern Lithic Technologies on the Move. Interactions and Contexts in Neolithic Traditions*, edited by L. Astruc, C. McCartney, F. Briois and V. Kassianidou, pp133-142. Nicosia: Astrom Editions Limited.
20. Harush O., T. Yashuv, L. Dubinsky, F. Valletta, and **L. Grosman**. 2020. Quantitative methods for the study of ancient technologies. In *Digital Archaeology: New research and advanced technologies*, edited by M. Birkenfeld and Y. Garfinkel, pp 41-58. Jerusalem: The Hebrew University and Israel Antiquity Authority. (In Hebrew).
21. Yashuv, T. and **L. Grosman**. 2022. Drilling tools at the end of the Natufian – Suggesting a technological innovation. In *Tracks of the Near Eastern Neolithic: Lithic perspectives on its origins, development and dispersals*. edited by Y. Nishiaki, M. Arimura and O. Maeda. Sidestone Press
22. Grosman, L., and A. Belfer-Cohen. 2022. Moving on: Natufian after-life Phases and Stages. In *Dealing with the Dead. Studies on Burial Practices in the Pre-Pottery Neolithic Levant*, edited by D. Ackerfeld and A. Gopher. Berlin: ex oriente.
23. Dubinsky, L and **L. Grosman**. **In press**. Into the Lines: 3-D Analysis of Rock Engravings from Site 25. In *Timna Valley Revisited: The Tel Aviv Excavations (2013-2018) and Other Studies in the Ancient Copper Mining District of the Southern Arava*, edited by E. Ben-Yosef: The Institute of Archaeology, Tel Aviv University / Penn State University Press, Eisenbrauns.

ARTICLES:

24. Belfer-Cohen A. and **L. Grosman**. 1997. The Lithic Assemblage of Salibiya I. *Journal of the Israel Prehistoric Society - Mitekufat Haeven* 27: 19-42.
25. **Grosman L.**, A. Belfer-Cohen and O. Bar-Yosef. 1999. The Final Natufian site – Fazael IV. *Journal of the Israel Prehistoric Society - Mitekufat Haeven* 29: 17-40.
26. **Grosman L.** 2003. Preserving Cultural Traditions in a Period of Instability: The Late Natufian of the Hilly Mediterranean Zone. *Current Anthropology* 4/4: 571-580.
27. **Grosman L.**, H. Ashkenazi and A. Belfer-Cohen. 2006. Nahal Oren Natufian Lithic Assemblage. *Paléorient* 31/2: 5-25.
28. **Grosman L.** and N. Goren-Inbar. 2007. “Taming” Rocks and Changing Landscapes:

- A New Interpretation of the Neolithic Cupmarks. *Current Anthropology* 48/5:732-740.
29. **Grosman L.** and N. D. Munro. 2007. The Sacred and the Mundane: Domestic Activities at a Late Natufian Burial Site in the Levant. *Before Farming* 4/4: 1-14.
 30. **Grosman L.,** O. Smikt and U. Smilansky. 2008. On the application of 3-D scanning technology for the documentation and typology of lithic artifacts. *Journal of Archaeological Science* 35: 3101–3110.
 31. **Grosman L.,** N. Munro and A. Belfer-Cohen. 2008. A 12,000-year-old Shaman Burial from the Southern Levant (Israel). *Proceedings of the National Academy of Science (USA)* 105/46: 17665–17669.
 32. Dubreuil L., and **L. Grosman.** 2009. Evidence of hide-working with ochre at Hilazon Tachtit (Israel): implications for Natufian site function. *Antiquity* 83: 935–954.
 33. **Grosman L.,** N. Munro and A. Belfer-Cohen. 2009. The Shaman from Hilazon Tachtit cave. *Qadmoniot* 137: 22-24. (In Hebrew).
 34. **Grosman L.** 2010. Prehistoric Warfare - cause and visibility. *Neo-Lithics* 1-10:36-37.
 35. Munro D. N. and **L. Grosman.** 2010. Early evidence (ca. 12,000 B.P.) for feasting at a burial cave in Israel. *Proceedings of the National Academy of Science (USA)* 107 (35): 15362–15366.
 36. Shaham D., **L. Grosman** and N. Goren Inbar. 2010. The red-stained flint crescent from Gesher: new insights into PPNA hafting technology. *Journal of Archaeological Science* 37: 2010-2016.
 37. Sharon, G., **L. Grosman,** H. Fulck, Y. Melamed, Y. Rak, R. Rabinovich and M. Oron. 2010. The first Excavation Seasons at NMO: a Mousterian Site at the Nahal Mahanayem Outlet. *Eurasian Prehistory* 7 (1): 129–151.
 38. **Grosman L.,** G. Sharon, O. Smikt and U. Smilansky. 2011. Quantifying Breakage Damage on Experimental Bifaces using 3D scanning. *Journal of Human Evolution* 60 (4): 398-406.
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- 2023 Article - “[When Did Humans Start Settling Down?](#)”, Matti Friedman, Smithsonian magazine
- 2022-present – “Set in Stone.” An animated documentary mini-series on the early village NEG II, collaborating with animators Liron Narunsky and Ayelet Shats. Financial support granted by Gesher foundation, Yad HaNadiv
- 2020 Exhibition - “[XYZT: Material Investigations](#)”, curators: Shlomit Bauman (Beit Benyamini) and Keren Nebenhaus (Computational Archaeology Laboratory).