

# Robert Nicholas Spengler

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

2,740  
citations

236925

25  
h-index

197818

49  
g-index

60  
all docs

60  
docs citations

60  
times ranked

2266  
citing authors

#	ARTICLE	IF	CITATIONS
1	Archaeological assessment reveals Earth's early transformation through land use. <i>Science</i> , 2019, 365, 897-902.	12.6	369
2	Earliest direct evidence for broomcorn millet and wheat in the central Eurasian steppe region. <i>Antiquity</i> , 2010, 84, 993-1010.	1.0	206
3	Early agriculture and crop transmission among Bronze Age mobile pastoralists of Central Eurasia. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20133382.	2.6	189
4	Moving agriculture onto the Tibetan plateau: the archaeobotanical evidence. <i>Archaeological and Anthropological Sciences</i> , 2014, 6, 255-269.	1.8	140
5	Millet cultivation across Eurasia: Origins, spread, and the influence of seasonal climate. <i>Holocene</i> , 2016, 26, 1566-1575.	1.7	135
6	5,200-year-old cereal grains from the eastern Altai Mountains redate the trans-Eurasian crop exchange. <i>Nature Plants</i> , 2020, 6, 78-87.	9.3	131
7	Agriculture in the Central Asian Bronze Age. <i>Journal of World Prehistory</i> , 2015, 28, 215-253.	3.6	126
8	Burial ritual, agriculture, and craft production among Bronze Age pastoralists at Tasbas (Kazakhstan). <i>Archaeological Research in Asia</i> , 2015, 1-2, 17-32.	0.7	91
9	The origins of cannabis smoking: Chemical residue evidence from the first millennium BCE in the Pamirs. <i>Science Advances</i> , 2019, 5, eaaw1391.	10.3	84
10	Agricultural production in the Central Asian mountains: Tuzusai, Kazakhstan (4100-1500 b.c.). <i>Journal of Field Archaeology</i> , 2013, 38, 68-85.	1.3	73
11	Archaeobotanical results from Sarazm, Tajikistan, an Early Bronze Age Settlement on the edge: Agriculture and exchange. <i>Environmental Archaeology</i> , 2013, 18, 211-221.	1.2	70
12	Ecotopes and Herd Foraging Practices In the Steppe/Mountain Ecotone of Central Asia During the Bronze and Iron Ages. <i>Journal of Ethnobiology</i> , 2013, 33, 125-147.	2.1	67
13	Late Bronze Age agriculture at Tasbas in the Dzhungar Mountains of eastern Kazakhstan. <i>Quaternary International</i> , 2014, 348, 147-157.	1.5	67
14	Origins of the Apple: The Role of Megafaunal Mutualism in the Domestication of Malus and Rosaceous Trees. <i>Frontiers in Plant Science</i> , 2019, 10, 617.	3.6	65
15	The spread of agriculture into northern Central Asia: Timing, pathways, and environmental feedbacks. <i>Holocene</i> , 2016, 26, 1527-1540.	1.7	58
16	Agriculturalists and pastoralists: Bronze Age economy of the Murghab alluvial fan, southern Central Asia. <i>Vegetation History and Archaeobotany</i> , 2014, 23, 805-820.	2.1	56
17	Megadrought and cultural exchange along the proto-silk road. <i>Science Bulletin</i> , 2021, 66, 603-611.	9.0	52
18	Evidence for early dispersal of domestic sheep into Central Asia. <i>Nature Human Behaviour</i> , 2021, 5, 1169-1179.	12.0	50

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19	Linking agriculture and exchange to social developments of the Central Asian Iron Age. <i>Journal of Anthropological Archaeology</i> , 2017, 48, 295-308.	1.6	49
20	Anthropogenic Seed Dispersal: Rethinking the Origins of Plant Domestication. <i>Trends in Plant Science</i> , 2020, 25, 340-348.	8.8	47
21	Dairying enabled Early Bronze Age Yamnaya steppe expansions. <i>Nature</i> , 2021, 598, 629-633.	27.8	47
22	Dung burning in the archaeobotanical record of West Asia: where are we now?. <i>Vegetation History and Archaeobotany</i> , 2019, 28, 215-227.	2.1	44
23	Agricultural origins from the ground up: Archaeological approaches to plant domestication. <i>American Journal of Botany</i> , 2014, 101, 1601-1617.	1.7	35
24	Economic Diversification Supported the Growth of Mongolia's Nomadic Empires. <i>Scientific Reports</i> , 2020, 10, 3916.	3.3	29
25	Early Pastoral Economies and Herding Transitions in Eastern Eurasia. <i>Scientific Reports</i> , 2020, 10, 1001.	3.3	29
26	The transition to a barley-dominant cultivation system in Tibet: First millennium BC archaeobotanical evidence from Bangga. <i>Journal of Anthropological Archaeology</i> , 2021, 61, 101242.	1.6	27
27	An Imagined Past?. <i>Current Anthropology</i> , 2021, 62, 251-286.	1.6	27
28	Niche Dwelling vs. Niche Construction: Landscape Modification in the Bronze and Iron Ages of Central Asia. <i>Human Ecology</i> , 2014, 42, 813-821.	1.4	26
29	Grazing animals drove domestication of grain crops. <i>Nature Plants</i> , 2019, 5, 656-662.	9.3	24
30	Barley ( <i>Hordeum vulgare</i> ) in the Okhotsk culture (5th–10th century AD) of northern Japan and the role of cultivated plants in hunter-gatherer economies. <i>PLoS ONE</i> , 2017, 12, e0174397.	2.5	23
31	Vegetation change and human impacts on Rebut Island (Northwest Pacific) over the last 6000 years. <i>Quaternary Science Reviews</i> , 2018, 193, 129-144.	3.0	22
32	The breadth of dietary economy in Bronze Age Central Asia: Case study from Adji Kui 1 in the Murghab region of Turkmenistan. <i>Journal of Archaeological Science: Reports</i> , 2018, 22, 372-381.	0.5	19
33	The southern Central Asian mountains as an ancient agricultural mixing zone: new archaeobotanical data from Barikot in the Swat valley of Pakistan. <i>Vegetation History and Archaeobotany</i> , 2021, 30, 463-476.	2.1	19
34	Arboreal crops on the medieval Silk Road: Archaeobotanical studies at Tashbulak. <i>PLoS ONE</i> , 2018, 13, e0201409.	2.5	18
35	A Journey to the West: The Ancient Dispersal of Rice Out of East Asia. <i>Rice</i> , 2021, 14, 83.	4.0	17
36	Bison, anthropogenic fire, and the origins of agriculture in eastern North America. <i>Infrastructure Asset Management</i> , 2021, 8, 141-158.	1.6	16

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37	Ecosystem Engineering Among Ancient Pastoralists in Northern Central Asia. <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	16
38	Niche Construction Theory in Archaeology: A Critical Review. <i>Journal of Archaeological Method and Theory</i> , 2021, 28, 925-955.	3.0	16
39	Eurasian textiles: Case studies in exchange during the incipient and later Silk Road periods. <i>Quaternary International</i> , 2018, 468, 228-239.	1.5	14
40	Prehistoric agriculture and social structure in the southwestern Tarim Basin: multiproxy analyses at Wupaer. <i>Scientific Reports</i> , 2020, 10, 14235.	3.3	13
41	How to use modern science to reconstruct ancient scents. <i>Nature Human Behaviour</i> , 2022, 6, 611-614.	12.0	11
42	Interpreting Diachronic Size Variation in Prehistoric Central Asian Cereal Grains. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	10
43	Kushan Period rice in the Amu Darya Basin: Evidence for prehistoric exchange along the southern Himalaya. <i>Science China Earth Sciences</i> , 2020, 63, 841-851.	5.2	9
44	Exaptation Traits for Megafaunal Mutualisms as a Factor in Plant Domestication. <i>Frontiers in Plant Science</i> , 2021, 12, 649394.	3.6	9
45	Forest cover and composition on the Loess Plateau during the Middle to Late-Holocene: Integrating wood charcoal analyses. <i>Holocene</i> , 2021, 31, 38-49.	1.7	7
46	Introduction to the Special Issue: "Introduction and intensification of agriculture in Central Eurasia and adjacent regions". <i>Holocene</i> , 2016, 26, 1523-1526.	1.7	6
47	Water management and wheat yields in ancient China: Carbon isotope discrimination of archaeological wheat grains. <i>Holocene</i> , 2021, 31, 285-293.	1.7	6
48	Qarakhanids on the Edge of the Bukhara Oasis: Archaeobotany of Medieval Paykend. <i>Economic Botany</i> , 2021, 75, 195-214.	1.7	6
49	Investigating ancient animal economies and exchange in Kyrgyzstan's Alay Valley. <i>Antiquity</i> , 2019, 93, .	1.0	5
50	Ancient Agricultural and Pastoral Landscapes on the South Side of Lake Issyk-Kul: Long-Term Diachronic Analysis of Changing Patterns of Land Use, Climate Change, and Ritual Use in the Juuku and Kizil Suu Valleys. <i>Land</i> , 2022, 11, 902.	2.9	5
51	The Uzbek-American Expedition in Bukhara. Preliminary Report on the Third Season (2017). <i>Iran</i> , 2022, 60, 149-199.	0.2	3
52	Claudia Chang. Rethinking prehistoric Central Asia: shepherds, farmers, and nomads. 2018. Abingdon & New York: Routledge; 978-1-138-73708-2 £105.. <i>Antiquity</i> , 2018, 92, 827-828.	1.0	0
53	The Results of the Complex Study of the Kurteke Site (Eastern Pamir). <i>Teoriya I Praktika Arkheologicheskikh Issledovaniy</i> , 2021, 33, 284-296.	0.1	0