Robert Nicholas Spengler

List of Publications by Year
in descending order

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	The Uzbek-American Expedition in Bukhara. Preliminary Report on the Third Season (2017). Iran, 2022, 60, 149-199.	0.2	3
2	How to use modern science to reconstruct ancient scents. Nature Human Behaviour, 2022, 6, 611-614.	12.0	11
3	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. Land, 2022, 11, 902.	2.9	5
4	Bison, anthropogenic fire, and the origins of agriculture in eastern North America. Infrastructure Asset Management, 2021, 8, 141-158.	1.6	16
5	Forest cover and composition on the Loess Plateau during the Middle to Late-Holocene: Integrating wood charcoal analyses. Holocene, 2021, 31, 38-49.	1.7	7
6	The transition to a barley-dominant cultivation system in Tibet: First millennium BC archaeobotanical evidence from Bangga. Journal of Anthropological Archaeology, 2021, 61, 101242.	1.6	27
7	Water management and wheat yields in ancient China: Carbon isotope discrimination of archaeological wheat grains. Holocene, 2021, 31, 285-293.	1.7	6
8	Megadrought and cultural exchange along the proto-silk road. Science Bulletin, 2021, 66, 603-611.	9.0	52
9	The southern Central Asian mountains as an ancient agricultural mixing zone: new archaeobotanical data from Barikot in the Swat valley of Pakistan. Vegetation History and Archaeobotany, 2021, 30, 463-476.	2.1	19
10	Exaptation Traits for Megafaunal Mutualisms as a Factor in Plant Domestication. Frontiers in Plant Science, 2021, 12, 649394.	3.6	9
11	Evidence for early dispersal of domestic sheep into Central Asia. Nature Human Behaviour, 2021, 5, 1169-1179.	12.0	50
12	Interpreting Diachronic Size Variation in Prehistoric Central Asian Cereal Grains. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	10
13	Niche Construction Theory in Archaeology: A Critical Review. Journal of Archaeological Method and Theory, 2021, 28, 925-955.	3.0	16
14	An Imagined Past?. Current Anthropology, 2021, 62, 251-286.	1.6	27
15	Dairying enabled Early Bronze Age Yamnaya steppe expansions. Nature, 2021, 598, 629-633.	27.8	47
16	A Journey to the West: The Ancient Dispersal of Rice Out of East Asia. Rice, 2021, 14, 83.	4.0	17
17	Qarakhanids on the Edge of the Bukhara Oasis: Archaeobotany of Medieval Paykend. Economic Botany, 2021, 75, 195-214.	1.7	6
18	The Results of the Complex Study of the Kurteke Site (Eastern Pamir). Teoriya I Praktika Arkheologicheskikh Issledovaniy, 2021, 33, 284-296.	0.1	0

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19	Prehistoric agriculture and social structure in the southwestern Tarim Basin: multiproxy analyses at Wupaer. Scientific Reports, 2020, 10, 14235.	3.3	13
20	Ecosystem Engineering Among Ancient Pastoralists in Northern Central Asia. Frontiers in Earth Science, 2020, 8, .	1.8	16
21	Economic Diversification Supported the Growth of Mongoliaâ€™s Nomadic Empires. Scientific Reports, 2020, 10, 3916.	3.3	29
22	Anthropogenic Seed Dispersal: Rethinking the Origins of Plant Domestication. Trends in Plant Science, 2020, 25, 340-348.	8.8	47
23	5,200-year-old cereal grains from the eastern Altai Mountains redate the trans-Eurasian crop exchange. Nature Plants, 2020, 6, 78-87.	9.3	131
24	Early Pastoral Economies and Herding Transitions in Eastern Eurasia. Scientific Reports, 2020, 10, 1001.	3.3	29
25	Kushan Period rice in the Amu Darya Basin: Evidence for prehistoric exchange along the southern Himalaya. Science China Earth Sciences, 2020, 63, 841-851.	5.2	9
26	Grazing animals drove domestication of grain crops. Nature Plants, 2019, 5, 656-662.	9.3	24
27	Archaeological assessment reveals Earthâ€™s early transformation through land use. Science, 2019, 365, 897-902.	12.6	369
28	Origins of the Apple: The Role of Megafaunal Mutualism in the Domestication of Malus and Rosaceous Trees. Frontiers in Plant Science, 2019, 10, 617.	3.6	65
29	The origins of cannabis smoking: Chemical residue evidence from the first millennium BCE in the Pamirs. Science Advances, 2019, 5, eaaw1391.	10.3	84
30	Investigating ancient animal economies and exchange in Kyrgyzstan's Alay Valley. Antiquity, 2019, 93, .	1.0	5
31	Dung burning in the archaeobotanical record of West Asia: where are we now?. Vegetation History and Archaeobotany, 2019, 28, 215-227.	2.1	44
32	The breadth of dietary economy in Bronze Age Central Asia: Case study from Adji Kui 1 in the Murghab region of Turkmenistan. Journal of Archaeological Science: Reports, 2018, 22, 372-381.	0.5	19
33	Eurasian textiles: Case studies in exchange during the incipient and later Silk Road periods. Quaternary International, 2018, 468, 228-239.	1.5	14
34	Claudia Chang. Rethinking prehistoric Central Asia: shepherds, farmers, and nomads. 2018. Abingdon & New York: Routledge; 978-1-138-73708-2 Â£105.. Antiquity, 2018, 92, 827-828.	1.0	0
35	Vegetation change and human impacts on Rebun Island (Northwest Pacific) over the last 6000 years. Quaternary Science Reviews, 2018, 193, 129-144.	3.0	22
36	Arboreal crops on the medieval Silk Road: Archaeobotanical studies at Tashbulak. PLoS ONE, 2018, 13, e0201409.	2.5	18

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37	Linking agriculture and exchange to social developments of the Central Asian Iron Age. Journal of Anthropological Archaeology, 2017, 48, 295-308.	1.6	49
38	Barley (Hordeum vulgare) in the Okhotsk culture (5thâ€“10th century AD) of northern Japan and the role of cultivated plants in hunterâ€“gatherer economies. PLoS ONE, 2017, 12, e0174397.	2.5	23
39	Millet cultivation across Eurasia: Origins, spread, and the influence of seasonal climate. Holocene, 2016, 26, 1566-1575.	1.7	135
40	The spread of agriculture into northern Central Asia: Timing, pathways, and environmental feedbacks. Holocene, 2016, 26, 1527-1540.	1.7	58
41	Introduction to the Special Issue: â€˜Introduction and intensification of agriculture in Central Eurasia and adjacent regionsâ€™. Holocene, 2016, 26, 1523-1526.	1.7	6
42	Burial ritual, agriculture, and craft production among Bronze Age pastoralists at Tasbas (Kazakhstan). Archaeological Research in Asia, 2015, 1-2, 17-32.	0.7	91
43	Agriculture in the Central Asian Bronze Age. Journal of World Prehistory, 2015, 28, 215-253.	3.6	126
44	Moving agriculture onto the Tibetan plateau: the archaeobotanical evidence. Archaeological and Anthropological Sciences, 2014, 6, 255-269.	1.8	140
45	Early agriculture and crop transmission among Bronze Age mobile pastoralists of Central Eurasia. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20133382.	2.6	189
46	Agriculturalists and pastoralists: Bronze Age economy of the Murghab alluvial fan, southern Central Asia. Vegetation History and Archaeobotany, 2014, 23, 805-820.	2.1	56
47	Niche Dwelling vs. Niche Construction: Landscape Modification in the Bronze and Iron Ages of Central Asia. Human Ecology, 2014, 42, 813-821.	1.4	26
48	Agricultural origins from the ground up: Archaeological approaches to plant domestication. American Journal of Botany, 2014, 101, 1601-1617.	1.7	35
49	Late Bronze Age agriculture at Tasbas in the Dzhungar Mountains of eastern Kazakhstan. Quaternary International, 2014, 348, 147-157.	1.5	67
50	Ecotopes and Herd Foraging Practices In the Steppe/Mountain Ecotone of Central Asia During the Bronze and Iron Ages. Journal of Ethnobiology, 2013, 33, 125-147.	2.1	67
51	Archaeobotanical results from Sarazm, Tajikistan, an Early Bronze Age Settlement on the edge: Agriculture and exchange. Environmental Archaeology, 2013, 18, 211-221.	1.2	70
52	Agricultural production in the Central Asian mountains: Tuzusai, Kazakhstan (410â€“150<scp>b.c.</scp>). Journal of Field Archaeology, 2013, 38, 68-85.	1.3	73
53	Earliest direct evidence for broomcorn millet and wheat in the central Eurasian steppe region. Antiquity, 2010, 84, 993-1010.	1.0	206