

# Stanislav Strekopytov

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

1,552  
citations

279487

23  
h-index

315357

38  
g-index

63  
all docs

63  
docs citations

63  
times ranked

2305  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wood Nutrient-Water-Density Linkages Are Influenced by Both Species and Environment. <i>Frontiers in Plant Science</i> , 2022, 13, 778403.	1.7	4
2	Mineralogical and geochemical composition of CaCO <sub>3</sub> skeletons secreted by benthic invertebrates from the brackish Baltic Sea. <i>Estuarine, Coastal and Shelf Science</i> , 2022, 268, 107808.	0.9	2
3	Polymorphism of CaCO <sub>3</sub> and the variability of elemental composition of the calcareous skeletons secreted by invertebrates along the salinity gradient of the Baltic Sea. <i>Geobiology</i> , 2022, 20, 575-596.	1.1	0
4	Accumulation of molybdenum in major organs following repeated oral administration of bisacetylcholine tetrathiomolybdate in the Sprague Dawley rat. <i>Journal of Applied Toxicology</i> , 2022, 42, 1807-1821.	1.4	13
5	The patterns of elemental concentration (Ca, Na, Sr, Mg, Mn, Ba, Cu, Pb, V, Y, U and Cd) in shells of invertebrates representing different CaCO <sub>3</sub> polymorphs: a case study from the brackish Gulf of Gdansk (the Baltic Sea). <i>Biogeosciences</i> , 2021, 18, 707-728.	1.3	8
6	Corrosive sublimate and its introduction as an insecticide for preserving natural history specimens in the eighteenth century. <i>Archives of Natural History</i> , 2021, 48, 22-41.	0.0	2
7	Terrestrial modification of the Ivuna meteorite and a reassessment of the chemical composition of the CI type specimen. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 268, 73-89.	1.6	29
8	Heavy halogen geochemistry of martian shergottite meteorites and implications for the halogen composition of the depleted shergottite mantle source. <i>American Mineralogist</i> , 2020, 105, 289-306.	0.9	4
9	Cadmium isotope fractionation reveals genetic variation in Cd uptake and translocation by <i>Theobroma cacao</i> and role of natural resistance-associated macrophage protein 5 and heavy metal ATPase-family transporters. <i>Horticulture Research</i> , 2020, 7, 71.	2.9	39
10	Mineralogy, geochemistry and classification of the new Smolenice iron meteorite from Slovakia. <i>Geologica Carpathica</i> , 2020, 71, 221-232.	0.2	0
11	Cadmium Isotope Fractionation Reveals Genetic Variations in Cd Uptake and Translocation by <i>Theobroma Cacao</i> and Role of NRAMP5 and HMA-Family Transporters. , 2020, , .		0
12	The alteration history of the Jbilet Winselwan CM carbonaceous chondrite: An analog for C-type asteroid sample return. <i>Meteoritics and Planetary Science</i> , 2019, 54, 521-543.	0.7	35
13	Stratigraphy, mineralogy and geochemistry of the Upper Laetoli tuffs including a new tuff 7 site with footprints of <i>Australopithecus afarensis</i> , Laetoli, Tanzania. <i>Journal of African Earth Sciences</i> , 2019, 158, 103561.	0.9	8
14	Tropical Tree Branch-Leaf Nutrient Scaling Relationships Vary With Sampling Location. <i>Frontiers in Plant Science</i> , 2019, 10, 877.	1.7	15
15	An ancient reservoir of volatiles in the Moon sampled by lunar meteorite Northwest Africa 10989. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 266, 163-183.	1.6	12
16	Ann Lee's plate in a 1771 edition of <i>Directions for Bringing Over Seeds and Plants</i> . <i>Archives of Natural History</i> , 2019, 46, 153-156.	0.0	2
17	Determination of major and trace element variability in healthy human urine by ICP-QMS and specific gravity normalisation. <i>RSC Advances</i> , 2018, 8, 38022-38035.	1.7	14
18	New constraints on elemental and Pb and Nd isotope compositions of South American and Southern African aerosol sources to the South Atlantic Ocean. <i>Chemie Der Erde</i> , 2018, 78, 372-384.	0.8	14

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19	Copper ingots from a probable Bronze Age shipwreck off the coast of Salcombe, Devon: Composition and microstructure. <i>Journal of Archaeological Science</i> , 2018, 97, 102-117.	1.2	11
20	Identification, characterisation and mapping of calomel as "mercury white", a previously undocumented pigment from South America, and its use on a barniz de Pasto cabinet at the Victoria and Albert Museum. <i>Microchemical Journal</i> , 2018, 143, 220-227.	2.3	10
21	John Hunter's <i>Directions for preserving animals</i>. <i>Archives of Natural History</i> , 2018, 45, 335-349.	0.0	2
22	Identification of cellulose nitrate X-ray film for the purpose of conservation: Organic elemental analysis. <i>Studies in Conservation</i> , 2017, 62, 24-32.	0.6	5
23	Size effect on the mineralogy and chemistry of <i>Mytilus trossulus</i> shells from the southern Baltic Sea: implications for environmental monitoring. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 197.	1.3	20
24	The Cd isotope composition of atmospheric aerosols from the Tropical Atlantic Ocean. <i>Geophysical Research Letters</i> , 2017, 44, 2932-2940.	1.5	32
25	A geochemical study of the winonaites: Evidence for limited partial melting and constraints on the precursor composition. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 199, 13-30.	1.6	46
26	Geochemistry and petrology of howardite Miller Range 11100: A lithologically diverse piece of the Vestan regolith. <i>Meteoritics and Planetary Science</i> , 2017, 52, 206-224.	0.7	5
27	The petrology, geochemistry, and age of lunar regolith breccias Miller Range 090036 and 090070: Insights into the crustal history of the Moon. <i>Meteoritics and Planetary Science</i> , 2017, 52, 3-23.	0.7	8
28	Arsenic and mercury in bird feathers: Identification and quantification of inorganic pesticide residues in natural history collections using multiple analytical and imaging techniques. <i>Microchemical Journal</i> , 2017, 130, 301-309.	2.3	16
29	Wolfgang Helmgard von Hohberg (1612-1688) and John Woodward (1665-1728): first records of using arsenic and mercury for the preservation of natural history collections. <i>Archives of Natural History</i> , 2017, 44, 173-176.	0.0	4
30	Return of naturally sourced Pb to Atlantic surface waters. <i>Nature Communications</i> , 2016, 7, 12921.	5.8	47
31	New Insights from Zinc and Copper Isotopic Compositions into the Sources of Atmospheric Particulate Matter from Two Major European Cities. <i>Environmental Science &amp; Technology</i> , 2016, 50, 9816-9824.	4.6	88
32	Salute to samarium. <i>Nature Chemistry</i> , 2016, 8, 816-816.	6.6	2
33	Tin ingots from a probable Bronze Age shipwreck off the coast of Salcombe, Devon: Composition and microstructure. <i>Journal of Archaeological Science</i> , 2016, 67, 80-92.	1.2	40
34	Identification of Shell Colour Pigments in Marine Snails <i>Clanculus pharaonius</i> and <i>C. margaritarius</i> (Trochoidea; Gastropoda). <i>PLoS ONE</i> , 2016, 11, e0156664.	1.1	45
35	Perovskites with the Framework-Forming Xenon. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14340-14344.	7.2	16
36	Liquid immiscibility during crystallization of forsterite-phlogopite ijolites at Oldoinyo Lengai Volcano, Tanzania: study of melt inclusions. <i>Russian Geology and Geophysics</i> , 2015, 56, 1717-1737.	0.3	16

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37	Zinc isotopic compositions of breast cancer tissue. <i>Metallomics</i> , 2015, 7, 112-117.	1.0	90
38	"Rare earth elements in phoscorites and carbonatites of the Devonian Kola Alkaline Province, Russia: Examples from Kovdor, Khibina, Vuoriyarvi and Turiy Mys complexes". <i>Ore Geology Reviews</i> , 2015, 64, 477-498.	1.1	24
39	Trace-element modelling of mare basalt parental melts: Implications for a heterogeneous lunar mantle. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 134, 289-316.	1.6	61
40	Rare earth elements in phoscorites and carbonatites of the Devonian Kola Alkaline Province, Russia: Examples from Kovdor, Khibina, Vuoriyarvi and Turiy Mys complexes. <i>Ore Geology Reviews</i> , 2014, 61, 204-225.	1.1	47
41	The effects of oil on As(V) adsorption on illite, kaolinite, montmorillonite and chlorite. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 121, 487-502.	1.6	44
42	Stable isotope ratio measurements of Cu and Zn in mineral dust (bulk and size fractions) from the Taklimakan Desert and the Sahel and in aerosols from the eastern tropical North Atlantic Ocean. <i>Talanta</i> , 2013, 114, 103-109.	2.9	45
43	A single procedure for the accurate and precise quantification of the rare earth elements, Sc, Y, Th and Pb in dust and peat for provenance tracing in climate and environmental studies. <i>Talanta</i> , 2012, 93, 415-423.	2.9	17
44	Mineralogy, geochemistry and petrology of the phonolitic to nephelinitic Sadiman volcano, Crater Highlands, Tanzania. <i>Lithos</i> , 2012, 152, 66-83.	0.6	37
45	Bioaccumulation Dynamics and Modeling in an Estuarine Invertebrate Following Aqueous Exposure to Nanosized and Dissolved Silver. <i>Environmental Science &amp; Technology</i> , 2012, 46, 7621-7628.	4.6	75
46	Testing a new method for quantifying Si in silica-rich biomass using HF in a closed vessel microwave digestion system. <i>Analytical Methods</i> , 2011, 3, 1752.	1.3	15
47	A new separation procedure for Cu prior to stable isotope analysis by MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 1627.	1.6	56
48	Improved provenance tracing of Asian dust sources using rare earth elements and selected trace elements for palaeomonsoon studies on the eastern Tibetan Plateau. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 6374-6399.	1.6	165
49	Meteorites from the United Arab Emirates: Description, weathering, and terrestrial ages. <i>Meteoritics and Planetary Science</i> , 2011, 46, 327-336.	0.7	26
50	Was Sadiman volcano a source for the Laetoli Footprint Tuff?. <i>Journal of Human Evolution</i> , 2011, 61, 121-124.	1.3	16
51	Elevated urinary excretion of aluminium and iron in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2006, 12, 533-540.	1.4	85
52	Non-invasive therapy to reduce the body burden of aluminium in Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2006, 10, 17-24.	1.2	58
53	Thermal analyses of aluminium hydroxide and hydroxyaluminosilicates. <i>Polyhedron</i> , 2006, 25, 1707-1713.	1.0	22
54	Further insight into the mechanism of formation of hydroxyaluminosilicates. <i>Polyhedron</i> , 2006, 25, 3399-3404.	1.0	13

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55	The formation, precipitation and structural characterisation of hydroxyaluminosilicates formed in the presence of fluoride and phosphate. <i>Polyhedron</i> , 2005, 24, 1585-1592.	1.0	10
56	The solubility of an hydroxyaluminosilicate. <i>Polyhedron</i> , 2004, 23, 3185-3191.	1.0	25
57	Geochemistry of Diagenesis of Sediments in the Barents Sea: Forms of Iron and Sulfur. <i>Lithology and Mineral Resources</i> , 2003, 38, 1-11.	0.3	3
58	Rare Earth Elements, Zirconium and Hafnium Geochemistry in Processes of Sedimentation and Nodule Formation in the North-East Pacific. <i>Mineralogical Magazine</i> , 1994, 58A, 883-884.	0.6	0
59	PM10: a potential source of secondary raw materials. <i>Rendiconti Online Societa Geologica Italiana</i> , 0, 46, 181-186.	0.3	0