

Jakub Trubac

<https://publons.com/researcher/J-5890-2012/>

Web of Science ResearcherID: J-5890-2012

Current affiliations:

- Charles University in Prague until present
- Charles University in Prague until present

Publications

PUBLICATION METRICS

For all time

TOTAL TIMES CITED

576

H-INDEX

13

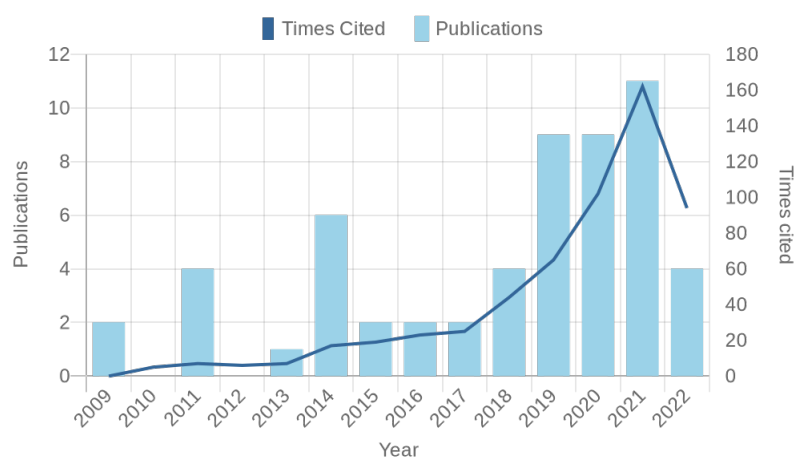
PUBLICATIONS

56

WEB OF SCIENCE DOCUMENTS

56

PUBLICATION IMPACT OVER TIME



PUBLISHING SUMMARY

(4) Journal of Geosciences

WOS

(3) International Journal of Earth Sciences

WOS

(3) Journal of Hazardous Materials

WOS

(3) Environmental Pollution

WOS

(2) Chemical Geology

WOS

(2) Science of the Total Environment

WOS

(2) let's Talk Ore Deposits, Vols I and II

(2) Palaeogeography, Palaeoclimatology, P...

WOS

(1) Lithos	WOS	(1) Geologica Carpathica	WOS
(1) GFF	WOS	(1) Journal of Structural Geology	WOS
(1) Journal of Volcanology and Geothermal...	WOS	(1) Meteoritics & Planetary Science	WOS
(1) Geological Society, London, Special Publicatio...		(1) Environmental Science & Technology	WOS
(1) Catena	WOS	(1) Economic Geology	WOS
(1) Geological Journal	WOS	(1) Geochimica et Cosmochimica Acta	WOS
(1) Gondwana Research	WOS	(1) Rapid Communications in Mass Spectr...	WOS
(1) MINERAL RESOURCES IN A SUSTAINABLE W...		(1) Geoderma	WOS
(1) Journal of Hydrology	WOS	(1) Quaternary International	WOS
(1) Applied Geochemistry	WOS	(1) Frontiers in Earth Science	WOS
(1) Chemosphere	WOS	(1) Journal of Geology	WOS
(1) Marine and Petroleum Geology	WOS	(1) Journal of Petrology	WOS
(1) Inzynieria Mineralna	WOS	(1) Palaeontologia Electronica	WOS
(1) Agronomy	WOS	(1) Biogeosciences	WOS
(1) Journal of Archaeological Science	WOS	(1) Paleoceanography and Paleoclimatology	WOS
(1) Journal of African Earth Sciences	WOS	(1) Biology and Fertility of Soils	WOS
(1) Precambrian Research	WOS	(1) Scientific Reports	WOS
(1) Journal of Archaeological Science: Rep...	WOS		

MANUSCRIPTS PUBLISHED (56)

TIMES CITED (ALL TIME)

Gross N transformation rates in soil system with contrasting Urochloa genotypes do not confirm the relevance of BNI as previously assessed in vitro

2

Published: Apr 2022 in Biology and Fertility of Soils

DOI: 10.1007/S00374-021-01610-Z

The diversity of sources of late Archean granites reflects a transition from plume-dominated to plate tectonics in the Superior Province, Canada

2

Published: Mar 2022 in Precambrian Research

DOI: 10.1016/J.PRECAMRES.2021.106525

Evaluation of thallium isotopic fractionation during the metallurgical processing of sulfides: An update

3

Published: Feb 2022 in Journal of Hazardous Materials

DOI: 10.1016/J.JHAZMAT.2021.127325

<p>Archaeometric perspective on the emergence of brass north of the Alps around the turn of the Era</p> <p>Published: Jan 2022 in Scientific Reports DOI: 10.1038/S41598-021-04044-7</p>	0
<p>Thallium and lead variations in a contaminated peatland: A combined isotopic study from a mining/smelting area</p> <p>Published: Dec 2021 in Environmental Pollution DOI: 10.1016/J.ENVPOL.2021.117973</p>	4
<p>Depicting the historical pollution in a Pb-Zn mining/smelting site in Kabwe (Zambia) using tree rings</p> <p>Published: Sep 2021 in Journal of African Earth Sciences DOI: 10.1016/J.JAFREARSCI.2021.104246</p>	5
<p>Arsenic fractionation and mobility in sulfidic wetland soils during experimental drying</p> <p>Published: Aug 2021 in Chemosphere DOI: 10.1016/J.CHEMOSPHERE.2021.130306</p>	4
<p>Chronology and Eccentricity Phasing for the Early Turonian Greenhouse (similar to 93-94 Ma): Constraints on Astronomical Control of the Carbon Cycle</p> <p>Published: Apr 2021 in Paleoceanography and Paleoclimatology DOI: 10.1029/2020PA004188</p>	0
<p>Chironomid-based temperature and environmental reconstructions of the Last Glacial Termination in southern Bohemia, Czech Republic</p> <p>Published: Apr 2021 in Palaeogeography, Palaeoclimatology, Palaeoecology DOI: 10.1016/J.PALAEO.2021.110239</p>	1
<p>Stable isotopic composition of top consumers in Arctic cryoconite holes: revealing divergent roles in a supraglacial trophic network</p> <p>Published: Mar 2021 in Biogeosciences DOI: 10.5194/BG-18-1543-2021</p>	5
<p>Claiming the land or protecting the goods? The Duchcov hoard in Bohemia as a proxy for 'Celtic migrations' in Europe in the 4th century BCE</p> <p>Published: Mar 2021 in Journal of Archaeological Science DOI: 10.1016/J.JAS.2020.105314</p>	2
<p>Elemental and isotopic compositions of trench-slope black shales, Bohemian Massif, with implications for oceanic and atmospheric oxygenation in early Cambrian</p> <p>Published: Feb 2021 in Palaeogeography, Palaeoclimatology, Palaeoecology DOI: 10.1016/J.PALAEO.2020.110195</p>	2

Enhanced Carbon Sequestration in Marginal Land Upon Shift towards Perennial C-4 Miscanthus x giganteus: A Case Study in North-Western Czechia Published: Feb 2021 in Agronomy DOI: 10.3390/AGRONOMY11020293	5
Maintaining soil productivity as the key factor in European prehistoric and Medieval farming Published: Feb 2021 in Journal of Archaeological Science: Reports DOI: 10.1016/J.JASREP.2020.102633	2
Arc-related black shales as sedimentary archives of sea-level fluctuations and plate tectonics during the late Neoproterozoic: An example from the Bohemian Massif Published: Jan 2021 in Marine and Petroleum Geology DOI: 10.1016/J.MARPETGEO.2020.104713	3
Multi-Level Gas Monitoring: A New Approach in Earthquake Research Published: Oct 2020 in Frontiers in Earth Science DOI: 10.3389/FEART.2020.585733	1
Thallium isotopic fractionation in soil: the key controls Published: Oct 2020 in Environmental Pollution DOI: 10.1016/J.ENVPOL.2020.114822	8
Magmatic Tempos in Large Hot Orogens in Comparison with Continental Margin Arcs Published: Sep 2020 in Journal of Geology DOI: 10.1086/711346	4
Petrogenesis and Lu-Hf Dating of (Ultra)Mafic Rocks from the Kutna Hora Crystalline Complex: Implications for the Devonian Evolution of the Bohemian Massif Published: Aug 2020 in Journal of Petrology DOI: 10.1093/PETROLOGY/EGAA075	8
Thallium stable isotope ratios in naturally Tl-rich soils Published: Apr 2020 in Geoderma DOI: 10.1016/J.GEODERMA.2020.114183	14
Seeking the meaning of a unique mountain site through a multidisciplinary approach. The Late La Tene site at Sklarske Valley, Sumava Mountains, Czech Republic Published: Mar 2020 in Quaternary International DOI: 10.1016/J.QUAINT.2020.03.013	5
Bioprecipitation of As ₄ S ₄ polymorphs in an abandoned mine adit Published: Feb 2020 in Applied Geochemistry DOI: 10.1016/J.APGEOCHEM.2019.104511	6

Utilization Range of By-Products from Coal Combustion in Earth Structures of Transport Infrastructure	0
Published: Jan 2020 in Inżynieria Mineralna DOI: 10.29227/IM-2020-01-54	
The Pannonian Basin System northern margin paleogeography, climate, and depositional environments in the time range during MMCT (Central Paratethys, Novohrad-Nograd Basin, Slovakia)	5
Published: 2020 in Palaeontologia Electronica DOI: 10.26879/1067	
Microbial sulfidogenesis of arsenic in naturally contaminated wetland soil	10
Published: Dec 2019 in Geochimica et Cosmochimica Acta DOI: 10.1016/J.GCA.2019.09.021	
Geochemistry of thermal waters and arsenic enrichment at Antsirabe, Central Highlands of Madagascar	6
Published: Oct 2019 in Journal of Hydrology DOI: 10.1016/J.JHYDROL.2019.06.067	
Tracing the metal dynamics in semi-arid soils near mine tailings using stable Cu and Pb isotopes	16
Published: Jun 2019 in Chemical Geology DOI: 10.1016/J.CHEMGEO.2019.03.026	
Speciation analysis of elements accumulated in <i>Cystoderma carcharias</i> from clean and smelter-polluted sites	21
Published: Jan 2019 in Science of the Total Environment DOI: 10.1016/J.SCITOTENV.2018.08.202	
Complex mid-crustal flow within a growing granite-migmatite dome: An example from the Variscan belt illustrated by the anisotropy of magnetic susceptibility and fabric modelling	4
Published: 2019 in Geological Journal DOI: 10.1002/GJ.3335	
Rapid determination of carbon isotope composition in carbonatites using isotope ratio mass spectrometry - Comparison of dual-inlet, elemental-analyzer and continuous-flow techniques	3
Published: 2019 in Rapid Communications in Mass Spectrometry DOI: 10.1002/RCM.8482	
Architecture and composition of ocean floor subducted beneath northern Gondwana during Neoproterozoic to Cambrian: A palinspastic reconstruction based on Ocean Plate Stratigraphy (OPS)	13
Published: 2019 in Gondwana Research DOI: 10.1016/J.GR.2019.07.001	

Petrogenesis of fractionated nested granite intrusions: the Sedmihori Composite Stock (Bohemian Massif) Published: 2019 in Journal of Geosciences DOI: 10.3190/JGEOSCI.294	2
Thallium stable isotope fractionation in white mustard: Implications for metal transfers and incorporation in plants Published: 2019 in Journal of Hazardous Materials DOI: 10.1016/J.JHAZMAT.2019.02.060	21
Thallium contamination of desert soil in Namibia: Chemical, mineralogical and isotopic insights Published: Aug 2018 in Environmental Pollution DOI: 10.1016/J.ENVPOL.2018.04.006	28
Copper isotopic record in soils and tree rings near a copper smelter, Copperbelt, Zambia Published: Apr 2018 in Science of the Total Environment DOI: 10.1016/J.SCITOTENV.2017.11.114	19
Platinum-Group Elements and Gold in Base Metal Sulfides, Platinum-Group Minerals, and Re-Os Isotope Compositions of the Uitkomst Complex, South Africa Published: Mar 2018 in Economic Geology DOI: 10.5382/ECONGEO.2018.4557	7
Thallium isotopes in metallurgical wastes/contaminated soils: A novel tool to trace metal source and behavior Published: Feb 2018 in Journal of Hazardous Materials DOI: 10.1016/J.JHAZMAT.2017.09.020	47
Origin of reverse compositional and textural zoning in granite plutons by localized thermal overturn of stratified magma chambers Published: Apr 2017 in Lithos DOI: 10.1016/J.LITHOS.2016.10.002	6
Late Glacial erosion and pedogenesis dynamics: Evidence from high-resolution lacustrine archives and paleosols in south Bohemia (Czech Republic) Published: 2017 in Catena DOI: 10.1016/J.CATENA.2016.11.022	12
Isotopic Tracing of Thallium Contamination in Soils Affected by Emissions from Coal-Fired Power Plants Published: Sep 2016 in Environmental Science & Technology DOI: 10.1021/ACS.EST.6B01751	44

<p>Rhenium-osmium isotopes in pervasively metasomatized mantle xenoliths from the Bohemian Massif and implications for the reliability of Os model ages</p> <p>Published: Jul 2016 in Chemical Geology DOI: 10.1016/J.CHEMGEO.2016.03.020</p>	12
<p>Petrology and geochemical characteristics of phlogopite pyroxenite related to durbachites, Moldanubian Zone, Bohemian Massif</p> <p>Published: Apr 2015 in Journal of Geosciences DOI: 10.3190/JGEOSCI.191</p>	3
<p>Internal Evolution and Disequilibrium Crystallization of a Highly Fractionated, Sn-Nb-Ta-Bearing Granite-Pegmatite System: a Case Study from the Ricany Pluton, Czech Republic</p> <p>Published: 2015 in MINERAL RESOURCES IN A SUSTAINABLE WORLD, VOLS 1-5</p>	0
<p>Intrusive and deformation history of the Ševětín Pluton, Moldanubian Batholith: record of polyphase tectonic evolution of the Blanice Graben, Bohemian Massif</p> <p>Published: Dec 2014 in Journal of Geosciences DOI: 10.3190/JGEOSCI.175</p>	2
<p>Magnetic fabric and modeled strain distribution in the head of a nested granite diapir, the Melechov pluton, Bohemian Massif</p> <p>Published: Sep 2014 in Journal of Structural Geology DOI: 10.1016/J.JSG.2014.05.015</p>	10
<p>A plate-kinematic model for the assembly of the Bohemian Massif constrained by structural relationships around granitoid plutons</p> <p>Published: Mar 2014 in Geological Society, London, Special Publications DOI: 10.1144/SP405.9</p>	87
<p>Gorstian palaeoposition and geotectonic setting of Suchomasty Volcanic Centre (Silurian, Prague Basin, Tepla-Barrandian Unit, Bohemian Massif)</p> <p>Published: Jan 2014 in GFF DOI: 10.1080/11035897.2013.879735</p>	9
<p>Distribution of elements among minerals of a single (muscovite-) biotite granite sample - an optimal approach and general implications</p> <p>Published: 2014 in Geologica Carpathica DOI: 10.2478/GEOCA-2014-0017</p>	8
<p>LITHIUM AND MAGNESIUM ISOTOPES IN SEDIMENTS OF THE RIES AREA: CONSTRAINTS ON THE SOURCES OF MOLDAVITE TEKTITES</p> <p>Published: 2014 in Meteoritics & Planetary Science</p>	1
<p>Geology and Re-Os molybdenite geochronology of the Kurišková U-Mo deposit (Western Carpathians, Slovakia)</p> <p>Published: Oct 2013 in Journal of Geosciences DOI: 10.3190/JGEOSCI.150</p>	12

Structure, emplacement, and tectonic setting of Late Devonian granitoid plutons in the Tepla-Barrandian unit, Bohemian Massif	37
Published: 2011 in International Journal of Earth Sciences DOI: 10.1007/S00531-010-0565-7	
Re-Os geochemistry of wolframite from Jermanice W-(Sn) mineralization, Bohemian Massif, Czech Republic	0
Published: 2011 in let's Talk Ore Deposits, Vols I and II	
Origin of wolframite mineralization at Jermanice (central Europe): evidence from mineral chemistry, fluid inclusions and stable isotopes	1
Published: 2011 in let's Talk Ore Deposits, Vols I and II	
Reply to the comments on "Magmatic history and geophysical signature of a post-collisional intrusive center emplaced near a crustal-scale shear zone: the PlechA1/2 granite pluton (Moldanubian batholith, Bohemian Massif)"	0
Published: 2011 in International Journal of Earth Sciences DOI: 10.1007/S00531-010-0519-0	
Magnetic fabric of the Ricany granite, Bohemian Massif: A record of helical magma flow?	27
Published: Mar 2009 in Journal of Volcanology and Geothermal Research DOI: 10.1016/J.JVOLGEORES.2008.12.005	
Magmatic history and geophysical signature of a post-collisional intrusive center emplaced near a crustal-scale shear zone: the PlechA1/2 granite pluton (Moldanubian batholith, Bohemian Massif)	17
Published: 2009 in International Journal of Earth Sciences DOI: 10.1007/S00531-007-0285-9	