

# Nathalie V Grassineau

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1417373/publications.pdf>

Version: 2024-02-01

18  
papers

1,753  
citations

567281

15  
h-index

888059

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

2020  
citing authors

#	ARTICLE	IF	CITATIONS
1	Questioning the evidence for Earth's oldest fossils. <i>Nature</i> , 2002, 416, 76-81.	27.8	866
2	Implications of a 3.472â€“3.333â€“Gyr-old subaerial microbial mat from the Barberton greenstone belt, South Africa for the UV environmental conditions on the early Earth. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2006, 361, 1857-1876.	4.0	163
3	Drastic shift in lava geochemistry in the volcanic-front to rear-arc region of the Southern Kamchatkan subduction zone: Evidence for the transition from slab surface dehydration to sediment melting. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 452-480.	3.9	108
4	Increased terrestrial methane cycling at the Palaeoceneâ€“Eocene thermal maximum. <i>Nature</i> , 2007, 449, 332-335.	27.8	87
5	Archean (3.33 Ga) microbe-sediment systems were diverse and flourished in a hydrothermal context. <i>Geology</i> , 2015, 43, 615-618.	4.4	82
6	Cave aerosols: distribution and contribution to speleothem geochemistry. <i>Quaternary Science Reviews</i> , 2013, 63, 23-41.	3.0	73
7	Historic magmatism on the Reykjanes Peninsula, Iceland: a snap-shot of melt generation at a ridge segment. <i>Contributions To Mineralogy and Petrology</i> , 2009, 157, 359-382.	3.1	63
8	Geochemical evidence for combustion of hydrocarbons during the K-T impact event. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4112-4117.	7.1	50
9	Field and laboratory evaluation of a high time resolution x-ray fluorescence instrument for determining the elemental composition of ambient aerosols. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 3541-3557.	3.1	48
10	High-precision EA-IRMS analysis of S and C isotopes in geological materials. <i>Applied Geochemistry</i> , 2006, 21, 756-765.	3.0	45
11	The genesis of the stable isotope (O, H) record in arc magmas: the Kamtchatka's case. <i>Chemical Geology</i> , 1999, 153, 93-124.	3.3	39
12	Multiple sulfur and carbon isotope composition of sediments from the Belingwe Greenstone Belt (Zimbabwe): A biogenic methane regulation on mass independent fractionation of sulfur during the Neoproterozoic?. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 121, 120-138.	3.9	38
13	The Late Cryogenian Warm Interval, NE Svalbard: Chemostratigraphy and genesis. <i>Precambrian Research</i> , 2016, 281, 128-154.	2.7	29
14	Distinguishing the diets of coexisting fossil theridomyid and glirid rodents using carbon isotopes. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2004, 208, 103-119.	2.3	19
15	Protracted fluidâ€“rock interaction in the Mesoarchean and implication for gold mineralization: Example from the Warrawoona syncline (Pilbara, Western Australia). <i>Earth and Planetary Science Letters</i> , 2008, 272, 639-655.	4.4	16
16	Stable C and N isotope record of short term changes in water level in lakes of different morphometry: Lake Anastazewo and Lake Skulskie, central Poland. <i>Organic Geochemistry</i> , 2014, 76, 278-287.	1.8	14
17	Fluid Inclusion and Stable Isotope Characteristics of the Arapuançandere Pb-Zn-Cu Deposits, Northwest Turkey. <i>International Geology Review</i> , 2008, 50, 848-862.	2.1	13
18	Erratum to Implications of a 3.472â€“3.333-Gyr-old subaerial microbial mat from the Barberton greenstone belt, South Africa for the UV environmental conditions on the early Earth. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 464-464.	4.0	0