

Evan M Smith

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5014735/publications.pdf>

Version: 2024-02-01

14
papers

633
citations

840776

11
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

512
citing authors

#	ARTICLE	IF	CITATIONS
1	Large gem diamonds from metallic liquid in Earth's deep mantle. <i>Science</i> , 2016, 354, 1403-1405.	12.6	266
2	Blue boron-bearing diamonds from Earth's lower mantle. <i>Nature</i> , 2018, 560, 84-87.	27.8	119
3	Implications of metallic iron for diamonds and nitrogen in the sublithospheric mantle. <i>Canadian Journal of Earth Sciences</i> , 2014, 51, 510-516.	1.3	42
4	Fluid inclusions in Ebelyakh diamonds: Evidence of CO ₂ liberation in eclogite and the effect of H ₂ O on diamond habit. <i>Lithos</i> , 2015, 216-217, 106-117.	1.4	37
5	Depth of formation of super-deep diamonds: Raman barometry of CaSiO ₃ -walsstromite inclusions. <i>American Mineralogist</i> , 2018, 103, 69-74.	1.9	33
6	Heavy iron in large gem diamonds traces deep subduction of serpentinized ocean floor. <i>Science Advances</i> , 2021, 7, .	10.3	27
7	The Very Deep Origin of the World's Biggest Diamonds. <i>Gems & Gemology</i> , 2018, 53, 388-403.	0.6	27
8	N-rich fluid inclusions in octahedrally-grown diamond. <i>Earth and Planetary Science Letters</i> , 2014, 393, 39-48.	4.4	22
9	Geochemistry of Silicate and Oxide Inclusions in Sublithospheric Diamonds. <i>Reviews in Mineralogy and Geochemistry</i> , 2022, 88, 393-450.	4.8	20
10	Mineral inclusions in fibrous diamonds: constraints on cratonic mantle refertilization and diamond formation. <i>Mineralogy and Petrology</i> , 2014, 108, 317-331.	1.1	15
11	Fluid CH ₄ and H ₂ trapped around metallic inclusions in HPHT synthetic diamond. <i>Diamond and Related Materials</i> , 2016, 68, 10-12.	3.9	14
12	Raman Identification of Inclusions in Diamond. <i>Reviews in Mineralogy and Geochemistry</i> , 2022, 88, 451-473.	4.8	5
13	The new mineral crowningshieldite: A high-temperature NiS polymorph found in a type IIa diamond from the Letseng mine, Lesotho. <i>American Mineralogist</i> , 2021, 106, 301-308.	1.9	2
14	Reply to: Evidence for two blue (type IIb) diamond populations. <i>Nature</i> , 2019, 570, E28-E29.	27.8	0