

# Robert Loucks

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9453202/publications.pdf>

Version: 2024-02-01

8  
papers

781  
citations

1163117  
8  
h-index

1588992  
8  
g-index

10  
all docs

10  
docs citations

10  
times ranked

589  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical feedbacks during magma degassing control chlorine partitioning and metal extraction in volcanic arcs. <i>Nature Communications</i> , 2021, 12, 1774.	12.8	25
2	Deep entrapment of buoyant magmas by orogenic tectonic stress: Its role in producing continental crust, adakites, and porphyry copper deposits. <i>Earth-Science Reviews</i> , 2021, 220, 103744.	9.1	44
3	New Magmatic Oxybarometer Using Trace Elements in Zircon. <i>Journal of Petrology</i> , 2020, 61, .	2.8	187
4	Divergent $\delta^{18}O_2$ paths during crystallisation of H <sub>2</sub> O-rich and H <sub>2</sub> O-poor magmas as recorded by Ce and U in zircon, with implications for TitaniQ and TitaniZ geothermometry. <i>Contributions To Mineralogy and Petrology</i> , 2018, 173, 1.	3.1	35
5	Fluid flux melting generated postcollisional high Sr/Y copper ore-forming water-rich magmas in Tibet. <i>Geology</i> , 2015, 43, 583-586.	4.4	177
6	A unified model for gold mineralisation in accretionary orogens and implications for regional-scale exploration targeting methods. <i>Mineralium Deposita</i> , 2012, 47, 339-358.	4.1	243
7	Restoration of the elemental and stable-isotopic compositions of diffusionally altered minerals in slowly cooled rocks. <i>Contributions To Mineralogy and Petrology</i> , 1996, 124, 346-358.	3.1	11
8	Platinum-group element mineralization in the Jijal layered ultramafic-mafic complex, Pakistani Himalayas. <i>Economic Geology</i> , 1991, 86, 1093-1102.	3.8	59