

# Suzanne K Birner

## List of Publications by Year in descending order

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6  
papers

295  
citations

1307594

7  
h-index

1720034

7  
g-index

9  
all docs

9  
docs citations

9  
times ranked

334  
citing authors

#	ARTICLE	IF	CITATIONS
1	Forearc Peridotites from Tonga Record Heterogeneous Oxidation of the Mantle following Subduction Initiation. <i>Journal of Petrology</i> , 2017, 58, 1755-1780.	2.8	57
2	A Mössbauer-based XANES calibration for hydrous basalt glasses reveals radiation-induced oxidation of Fe. <i>American Mineralogist</i> , 2018, 103, 489-501.	1.9	57
3	Revisiting the electron microprobe method of spinel-olivine-orthopyroxene oxybarometry applied to spinel peridotites. <i>American Mineralogist</i> , 2017, 102, 421-435.	1.9	51
4	Peridotites and basalts reveal broad congruence between two independent records of mantle fO <sub>2</sub> despite local redox heterogeneity. <i>Earth and Planetary Science Letters</i> , 2018, 494, 172-189.	4.4	50
5	Hydrothermal alteration of seafloor peridotites does not influence oxygen fugacity recorded by spinel oxybarometry. <i>Geology</i> , 2016, 44, 535-538.	4.4	15
6	Melt addition to mid-ocean ridge peridotites increases spinel Cr# with no significant effect on recorded oxygen fugacity. <i>Earth and Planetary Science Letters</i> , 2021, 566, 116951.	4.4	12