

# Christopher Giehl

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8479619/publications.pdf>

Version: 2024-02-01

8  
papers

164  
citations

1307594  
7  
h-index

1588992  
8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

247  
citing authors

#	ARTICLE	IF	CITATIONS
1	An experimental simulation of volcanic ash deposition in gas turbines and implications for jet engine safety. <i>Chemical Geology</i> , 2017, 461, 160-170.	3.3	39
2	An experimental study on the influence of fluorine and chlorine on phase relations in peralkaline phonolitic melts. <i>Contributions To Mineralogy and Petrology</i> , 2014, 167, 1.	3.1	31
3	Phase relations and liquid lines of descent of an iron-rich peralkaline phonolitic melt: an experimental study. <i>Contributions To Mineralogy and Petrology</i> , 2013, 165, 283-304.	3.1	26
4	Combined LA-ICP-MS microanalysis of iodine, bromine and chlorine in fluid inclusions. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 768-783.	3.0	21
5	Synthesis of Al <sub>2</sub> O <sub>3</sub> /SiO <sub>2</sub> nano-nano composite ceramics under high pressure and its inverse Hall-Petch behavior. <i>Journal of the American Ceramic Society</i> , 2017, 100, 323-332.	3.8	16
6	On the state and stability of fuel cell catalyst inks. <i>Advanced Powder Technology</i> , 2021, 32, 3845-3859.	4.1	16
7	Microstructural effects on hardness and optical transparency of birefringent aluminosilicate nanoceramics. <i>International Journal of Ceramic Engineering &amp; Science</i> , 2020, 2, 76-82.	1.2	9
8	Transparent polycrystalline nanoceramics consisting of triclinic Al <sub>2</sub> SiO <sub>5</sub> kyanite and Al <sub>2</sub> O <sub>3</sub> corundum. <i>Journal of the American Ceramic Society</i> , 2018, 101, 998-1003.	3.8	6