

# Sm Koohpayeh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11380749/publications.pdf>

Version: 2024-02-01

8  
papers

262  
citations

1163117

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1588992

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g-index

8  
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8  
docs citations

8  
times ranked

368  
citing authors

#	ARTICLE	IF	CITATIONS
1	The optical floating zone technique: A review of experimental procedures with special reference to oxides. Progress in Crystal Growth and Characterization of Materials, 2008, 54, 121-137.	4.0	103
2	Synthesis, floating zone crystal growth and characterization of the quantum spin ice Pr <sub>2</sub> Zr <sub>2</sub> O <sub>7</sub> pyrochlore. Journal of Crystal Growth, 2014, 402, 291-298.	1.5	46
3	Thermal characterization of an optical floating zone furnace: A direct link with controllable growth parameters. Journal of Crystal Growth, 2009, 311, 2513-2518.	1.5	27
4	Single crystal growth by the traveling solvent technique: A review. Progress in Crystal Growth and Characterization of Materials, 2016, 62, 22-34.	4.0	25
5	Some observations on the growth of rutile single crystals using the optical floating zone method. Journal of Crystal Growth, 2005, 282, 190-198.	1.5	20
6	The influence of growth rate on the microstructural and magnetic properties of float-zone grown crystals. Journal of Magnetism and Magnetic Materials, 2007, 309, 119-125.	2.3	16
7	The pyrochlore Ho <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> : Synthesis, crystal growth, and stoichiometry. Journal of Crystal Growth, 2018, 500, 38-43.	1.5	16
8	Growth and characterization of iron scandium sulfide (FeSc <sub>2</sub> S <sub>4</sub> ). Journal of Crystal Growth, 2016, 454, 128-133.	1.5	9