

# Seung-Hyun Moon

## List of Publications by Year in descending order

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Version: 2024-02-01

10  
papers

483  
citations

1307594

7  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

553  
citing authors

#	ARTICLE	IF	CITATIONS
1	26 T 35 mm all-GdBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> multi-width no-insulation superconducting magnet. Superconductor Science and Technology, 2016, 29, 04LT04.	3.5	243
2	Magnetic properties of YIG (Y <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> ) thin films prepared by the post annealing of amorphous films deposited by rf-magnetron sputtering. Journal of Applied Physics, 2005, 97, 10A319.	2.5	82
3	Ultra-High Performance, High-Temperature Superconducting Wires via Cost-effective, Scalable, Co-evaporation Process. Scientific Reports, 2015, 4, 4744.	3.3	42
4	Design, construction and 13 K conduction-cooled operation of a 3 T 100 mm stainless steel cladding all-REBCO magnet. Superconductor Science and Technology, 2017, 30, 105012.	3.5	42
5	Design, construction, and operation of an 18 T 70 mm no-insulation (RE)Ba <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> magnet for an axion haloscope experiment. Review of Scientific Instruments, 2020, 91, 023314.	1.3	35
6	Nondestructive Measurement of Critical Current Distribution of SmBCO Coated Conductor Using Hall Probe. IEEE Transactions on Applied Superconductivity, 2010, 20, 1537-1540.	1.7	23
7	Growth kinetics of MgB <sub>2</sub> layer and interfacial MgO layer during ex situ annealing of amorphous boron film. Journal of Materials Research, 2004, 19, 3081-3089.	2.6	7
8	The Improved Critical Currents of MOD-Processed YBCO Thick Films With $J_c$ vs $T$ and $J_c$ vs $H$ Characteristics. Applied Superconductivity, 2015, 25, 1-5.	1.7	6
9	The reaction sequence and microstructure evolution of an MgB <sub>2</sub> layer during ex situ annealing of amorphous boron film. Journal of Materials Research, 2004, 19, 409-412.	2.6	2
10	Development of an RGB color analysis method for controlling uniformity in a long-length GdBCO coated conductor. Superconductor Science and Technology, 2015, 28, 124006.	3.5	1