

# Brandon Sorbom

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3406071/publications.pdf>

Version: 2024-02-01

8  
papers

644  
citations

1478505

6  
h-index

1588992

8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

550  
citing authors

#	ARTICLE	IF	CITATIONS
1	ARC: A compact, high-field, fusion nuclear science facility and demonstration power plant with demountable magnets. <i>Fusion Engineering and Design</i> , 2015, 100, 378-405.	1.9	339
2	VIPER: an industrially scalable high-current high-temperature superconductor cable. <i>Superconductor Science and Technology</i> , 2020, 33, 11LT01.	3.5	114
3	Superconductors for fusion: a roadmap. <i>Superconductor Science and Technology</i> , 2021, 34, 103001.	3.5	81
4	Conceptual design study for heat exhaust management in the ARC fusion pilot plant. <i>Fusion Engineering and Design</i> , 2018, 137, 221-242.	1.9	56
5	Overview of the SPARC physics basis towards the exploration of burning-plasma regimes in high-field, compact tokamaks. <i>Nuclear Fusion</i> , 2022, 62, 042003.	3.5	37
6	Initial results of tests of depth markers as a surface diagnostic for fusion devices. <i>Nuclear Materials and Energy</i> , 2017, 12, 1277-1281.	1.3	6
7	An accelerator facility for intermediate energy proton irradiation and testing of nuclear materials. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2021, 489, 41-49.	1.4	6
8	Neutron diagnostics for the physics of a high-field, compact, $Q \sim 1$ tokamak. <i>Fusion Engineering and Design</i> , 2019, 143, 212-225.	1.9	5