

# Alexander Gerbershagen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10421148/publications.pdf>

Version: 2024-02-01

6  
papers

135  
citations

1684188

5  
h-index

1872680

6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

144  
citing authors

#	ARTICLE	IF	CITATIONS
1	Particle tracking and beam optics analysis on a toroidal gantry for proton therapy. Physics in Medicine and Biology, 2021, 66, 104002.	3.0	1
2	New horizons in particle therapy systems. Medical Physics, 2018, 45, e953-e983.	3.0	28
3	A novel beam optics concept in a particle therapy gantry utilizing the advantages of superconducting magnets. Zeitschrift Fur Medizinische Physik, 2016, 26, 224-237.	1.5	37
4	The advantages and challenges of superconducting magnets in particle therapy. Superconductor Science and Technology, 2016, 29, 083001.	3.5	20
5	Preliminary Magnetic Design of a Superconducting Dipole for Future Compact Scanning Gantries for Proton Therapy. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	9
6	Alternating-gradient canted cosine theta superconducting magnets for future compact proton gantries. Physical Review Special Topics: Accelerators and Beams, 2015, 18, .	1.8	40