

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