

# Hassan Mehdian

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11941132/publications.pdf>

Version: 2024-02-01

7  
papers

159  
citations

1478505

6  
h-index

1720034

7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

41  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gain equation for a free-electron laser with a helical wiggler and ion-channel guiding. Physical Review E, 2001, 65, 016501.	2.1	40
2	Dispersion relation and growth in a free-electron laser with planar wiggler and in-channel guiding. Physics of Plasmas, 2002, 9, 1010-1014.	1.9	30
3	Gain in a free-electron laser with planar wiggler and ion-channel guiding. Physics of Plasmas, 2002, 9, 670-677.	1.9	25
4	Dispersion relation and growth in a two-stream free electron laser with helical wiggler and ion channel guiding. Physics of Plasmas, 2008, 15, 013111.	1.9	22
5	Electron trajectories in a free-electron laser with planar wiggler and ion-channel guiding. Physics of Plasmas, 2001, 8, 3776-3780.	1.9	21
6	Self-fields in a free-electron laser with helical wiggler and ion-channel guiding. Physics of Plasmas, 2003, 10, 905-907.	1.9	19
7	The polarization evolution of electromagnetic waves as a diagnostic method for a motional plasma. Applied Physics B: Lasers and Optics, 2017, 123, 1.	2.2	2