

# Igor Sokolov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6955381/publications.pdf>

Version: 2024-02-01

13  
papers

52  
citations

2258059

3  
h-index

2272923

4  
g-index

13  
all docs

13  
docs citations

13  
times ranked

36  
citing authors

#	ARTICLE	IF	CITATIONS
1	Developing ultra premium efficiency (IE5 class) magnet-free synchronous reluctance motor. , 2016, , .		23
2	The feasibility study of the application of a synchronous reluctance motor in a pump drive. , 2016, , .		6
3	Development and experimental study of the high efficient synchronous reluctance motor. , 2016, , .		4
4	Shape optimization of soft magnetic composite inserts for electromagnetic stirrer with traveling magnetic field. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2020, 39, 28-35.	0.9	4
5	Experimental investigation of the bottom MHD stirrer with the working gap compensated by magnetodielectric composite. Magnetohydrodynamics, 2019, 55, 23-30.	0.3	4
6	3D simulation of particle transport in the double-sided travelling magnetic field stirrer. Magnetohydrodynamics, 2019, 55, 185-192.	0.3	3
7	Modeling Electromagnetic Stirring Processes during Continuous Casting of Large-format Slabs. , 2019, , .		2
8	Effective stirring of liquid metal by a modulated travelling magnetic field. Magnetohydrodynamics, 2019, 55, 107-114.	0.3	2
9	Numerical simulation of MHD stirrer for 12 ton metallurgical aggregate. , 2018, , .		1
10	Influence of Optimality Criterion Choice on the Electromagnetic Stirrer Optimization Results. , 2019, , .		1
11	Dependence of Titanium Sample Position Inside Coil on Axial Levitation Force. , 2019, , .		1
12	Shape Optimization of Magnetic Core of Electromagnetic Stirrer for Melted Silicon. , 2019, , .		1
13	Influence of vessel dimensions on particles homogenization and heat removing in TMF stirrer. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2020, 39, 125-132.	0.9	0