

# Ravi Sundaria

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5005411/publications.pdf>

Version: 2024-02-01

13  
papers

133  
citations

1477746

6  
h-index

1588620

8  
g-index

13  
all docs

13  
docs citations

13  
times ranked

126  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Manufacturing Processes on Core Losses of Electrical Machines. IEEE Transactions on Energy Conversion, 2021, 36, 197-206.	3.7	16
2	Effect of Laser Cutting on Core Losses in Electrical Machines”Measurements and Modeling. IEEE Transactions on Industrial Electronics, 2020, 67, 7354-7363.	5.2	19
3	Effects of stator core welding on an induction machine “ Measurements and modeling. Journal of Magnetism and Magnetic Materials, 2020, 499, 166280.	1.0	7
4	Finite-Element Modeling of Magnetic Properties Degradation Due to Plastic Deformation. IEEE Transactions on Magnetics, 2020, 56, 1-4.	1.2	10
5	Effect of Different Cutting Techniques on Magnetic Properties of Grain Oriented Steel Sheets and Axial Flux Machines. , 2019, , .		11
6	Effect of Punching the Electrical Sheets on Optimal Design of a Permanent Magnet Synchronous Motor. IEEE Transactions on Magnetics, 2018, 54, 1-4.	1.2	15
7	Mixed-Order Finite-Element Modeling of Magnetic Material Degradation Due to Cutting. IEEE Transactions on Magnetics, 2018, 54, 1-8.	1.2	20
8	Loss Model for the Effects of Steel Cutting in Electrical Machines. , 2018, , .		7
9	Simulation of an Induction Motor’s Rotor After Connection. IEEE Transactions on Magnetics, 2017, 53, 1-4.	1.2	3
10	Combined Model for Simulating the Effect of Transients on a Damaged Rotor Cage. IEEE Transactions on Industry Applications, 2017, 53, 3528-3537.	3.3	8
11	Higher-order finite element modeling of material degradation due to cutting. , 2017, , .		13
12	Combined model for simulating the effect of a heavy transient on a damaged rotor cage. , 2016, , .		4
13	Simulation of an induction motor's rotor after connection. , 2016, , .		0