

# Walmir Eno Pottker

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4371358/publications.pdf>

Version: 2024-02-01

10  
papers

181  
citations

1307594

7  
h-index

1588992

8  
g-index

10  
all docs

10  
docs citations

10  
times ranked

283  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of order-disorder effects on the magnetic and optical properties of NiFe <sub>2</sub> O <sub>4</sub> nanoparticles. <i>Ceramics International</i> , 2018, 44, 17290-17297.	4.8	81
2	A study of alloys: Structural and magnetic properties. <i>Physica B: Condensed Matter</i> , 2007, 398, 60-64.	2.7	25
3	Non-destructive porosity profile measurement of amorphous materials by gamma-ray transmission. <i>Applied Radiation and Isotopes</i> , 2004, 61, 1133-1138.	1.5	19
4	Surface Ferromagnetism in Pr <sub>0.5</sub> Ca <sub>0.5</sub> MnO <sub>3</sub> Nanoparticles as a Consequence of Local Imbalance in Mn <sup>3+</sup> :Mn <sup>4+</sup> Ratio. <i>Chemistry of Materials</i> , 2018, 30, 7138-7145.	6.7	18
5	Mössbauer effect and magnetization studies of the Fe <sub>2+x</sub> Cr <sub>1-x</sub> Al system in the L2 <sub>1</sub> (X <sub>2</sub> YZ) structure. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 156204.	1.8	15
6	Magnetic Characterization by Scanning Microscopy of Functionalized Iron Oxide Nanoparticles. <i>Nanomaterials</i> , 2021, 11, 2197.	4.1	10
7	Versatile Hall magnetometer with variable sensitivity assembly for characterization of the magnetic properties of nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 489, 165431.	2.3	9
8	Mössbauer effect studies of disordered Fe-Ru alloys. <i>Physica Status Solidi (B): Basic Research</i> , 2004, 241, 2586-2593.	1.5	4
9	Nanocrystalline Spinel Manganese Ferrite MnFe <sub>2</sub> O <sub>4</sub> : Synthesis, Electronic Structure, and Evaluation of Their Magnetic Hyperthermia Applications. <i>Engineering Materials</i> , 2021, , 335-348.	0.6	0
10	Revised Fundamental Properties and Crystal Engineering of Spinel Ferrite Nanoparticles. <i>Engineering Materials</i> , 2020, , 511-530.	0.6	0