

# Walmir Eno Pottker

## List of Publications by Year in descending order

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10  
papers

181  
citations

1307594

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1588992

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docs citations

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times ranked

283  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanocrystalline Spinel Manganese Ferrite MnFe <sub>2</sub> O <sub>4</sub> : Synthesis, Electronic Structure, and Evaluation of Their Magnetic Hyperthermia Applications. Engineering Materials, 2021, , 335-348.	0.6	0
2	Magnetic Characterization by Scanning Microscopy of Functionalized Iron Oxide Nanoparticles. Nanomaterials, 2021, 11, 2197.	4.1	10
3	Revised Fundamental Properties and Crystal Engineering of Spinel Ferrite Nanoparticles. Engineering Materials, 2020, , 511-530.	0.6	0
4	Versatile Hall magnetometer with variable sensitivity assembly for characterization of the magnetic properties of nanoparticles. Journal of Magnetism and Magnetic Materials, 2019, 489, 165431.	2.3	9
5	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. Chemistry of Materials, 2018, 30, 7138-7145.	6.7	18
6	Influence of order-disorder effects on the magnetic and optical properties of NiFe <sub>2</sub> O <sub>4</sub> nanoparticles. Ceramics International, 2018, 44, 17290-17297.	4.8	81
7	Mössbauer effect and magnetization studies of the Fe <sub>2+x</sub> Cr <sub>1-x</sub> Al system in the L21 (X <sub>2</sub> YZ) structure. Journal of Physics Condensed Matter, 2007, 19, 156204.	1.8	15
8	A study of alloys: Structural and magnetic properties. Physica B: Condensed Matter, 2007, 398, 60-64.	2.7	25
9	Mössbauer effect studies of disordered Fe-Ru alloys. Physica Status Solidi (B): Basic Research, 2004, 241, 2586-2593.	1.5	4
10	Non-destructive porosity profile measurement of amorphous materials by gamma-ray transmission. Applied Radiation and Isotopes, 2004, 61, 1133-1138.	1.5	19