

# Hany Fathy Mohamed

## List of Publications by Year in descending order

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24  
papers

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citations

933447

10  
h-index

940533

16  
g-index

24  
all docs

24  
docs citations

24  
times ranked

225  
citing authors

#	ARTICLE	IF	CITATIONS
1	Growth and fundamentals of bulk $\text{Ga}_2\text{O}_3$ single crystals. Journal of Semiconductors, 2019, 40, 011801.	3.7	44
2	Tuning electrical conductivity of $\text{Ga}_2\text{O}_3$ single crystals by Ta doping. Journal of Alloys and Compounds, 2019, 788, 925-928.	5.5	40
3	Structural, magnetic and electronic properties on the Li-doped manganites. Journal of Magnetism and Magnetic Materials, 2015, 392, 27-41.	2.3	26
4	Magnetocaloric effect, electric, and dielectric properties of $\text{Nd}_{0.6}\text{Sr}_{0.4}\text{Mn}_x\text{Co}_{1-x}\text{O}_3$ composites. Journal of Magnetism and Magnetic Materials, 2018, 457, 126-134.	2.3	24
5	Structural and electronic characteristics of Fe-doped $\text{Ga}_2\text{O}_3$ single crystals and the annealing effects. Journal of Materials Science, 2021, 56, 13178.	3.7	18
6	Anisotropic luminescence and third-order electric susceptibility of Mg-doped gallium oxide under the half-bandgap edge. Optics Express, 2021, 29, 18587.	3.4	16
7	Crystal structure and some transport properties of Na-doped $\text{LaMnO}_y$ . Journal of Magnetism and Magnetic Materials, 2006, 301, 452-457.	2.3	14
8	Influence of sodium doping on the electrical and magnetic properties of $\text{La}_{0.90}\text{Li}_{0.10}\text{MnO}_3$ manganites. Journal of Magnetism and Magnetic Materials, 2017, 424, 44-52.	2.3	13
9	Enhanced electro-magnetic properties in $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3/\text{ZrO}_2$ composites. Indian Journal of Physics, 2015, 89, 561-570.	1.8	12
10	Crucial Role of Oxygen Vacancies in Scintillation and Optical Properties of Undoped and Al-Doped $\text{Ga}_2\text{O}_3$ Single Crystals. Crystals, 2022, 12, 429.	2.2	11
11	The effect of annealing process on the physical properties of $\text{La}_{1-x}\text{Na}_x\text{MnO}_y$ . Journal of Magnetism and Magnetic Materials, 2008, 320, L43-L49.	2.3	10
12	Magnetic transitions and electrical transport in Bi-doped lanthanum strontium manganites. Low Temperature Physics, 2014, 40, 418-422.	0.6	8
13	Effect of Li-Substitution on the Resistivity and Magnetoresistance of $\text{LaMnO}_y$ . Journal of Superconductivity and Novel Magnetism, 2011, 24, 597-601.	1.8	7
14	Influence of heat treatment on the magnetic and magnetocaloric properties in $\text{Nd}_{0.6}\text{Sr}_{0.4}\text{MnO}_3$ compound. Solid State Sciences, 2016, 57, 1-8.	3.2	7
15	Thermopower and magnetocaloric properties in $\text{NdSrMnO}/\text{CrO}_3$ composites. Journal of Magnetism and Magnetic Materials, 2018, 456, 217-222.	2.3	7
16	Phase diagram, ac susceptibility and thermoelectric power properties of the $\text{La}_{0.90}\text{Li}_{0.10-x}\text{Na}_x\text{MnO}_3$ manganites. Journal of Alloys and Compounds, 2017, 712, 863-869.	5.5	6
17	Impact of aluminum on the Seebeck coefficient and magnetic properties of $\text{La}_{0.7}\text{Ba}_{0.3}\text{MnO}_3$ manganites. Chemical Physics Letters, 2019, 726, 22-28.	2.6	6
18	Crossover effect of magnetotransport and magnetocaloric effect in $(\text{La}_{0.7}\text{Ba}_{0.3}\text{MnO}_3)_{1-x}/(\text{Al}_2\text{O}_3)_x$ composites. Journal of Magnetism and Magnetic Materials, 2019, 489, 165388.	2.3	5

#	ARTICLE	IF	CITATIONS
19	Characterization of defect levels in $\hat{\Gamma}^2$ -Ga <sub>2</sub> O <sub>3</sub> single crystals doped with tantalum. CrystEngComm, 2021, 23, 2835-2841.	2.6	5
20	Synthesis, characterization and low field magnetotransport of Nd <sub>0.6</sub> Sr <sub>0.4</sub> MnO <sub>3</sub> /CrO <sub>3</sub> composite. Indian Journal of Physics, 2017, 91, 169-181.	1.8	4
21	Effect of NiO impurity on the magneto-transport properties of the La <sub>0.7</sub> Ba <sub>0.3</sub> MnO <sub>3</sub> granular manganite. Chemical Physics Letters, 2018, 713, 272-276.	2.6	4
22	The annealing influence onto the electrical and magnetic behavior of magnetoresistive/insulator system. Low Temperature Physics, 2016, 42, 745-751.	0.6	1
23	Modeling of thermal studies on melt quenched Ge <sub>18</sub> Bi <sub>4</sub> Se <sub>78</sub> chalcogenide. Physica Scripta, 2021, 96, 125727.	2.5	1
24	Study of radiation effect and bismuth content on the physical properties of some chalcogenides based on selenium. Physica Scripta, 2022, 97, 085807.	2.5	1