

# Mahmoud A Hamad

## List of Publications by Citations

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101  
papers

2,053  
citations

29  
h-index

38  
g-index

107  
ext. papers

2,348  
ext. citations

2.4  
avg, IF

6.46  
L-index

#	Paper	IF	Citations
101	Prediction of thermomagnetic properties of $\text{La}_{0.67}\text{Ca}_{0.33}\text{MnO}_3$ and $\text{La}_{0.67}\text{Sr}_{0.33}\text{MnO}_3$ . <i>Phase Transitions</i> , <b>2012</b> , 85, 106-112	1.3	104
100	Theoretical work on magnetocaloric effect in $\text{La}_{0.75}\text{Ca}_{0.25}\text{MnO}_3$ . <i>Journal of Advanced Ceramics</i> , <b>2012</b> , 1, 290-295	10.7	54
99	Magnetocaloric effect in polycrystalline $\text{Gd}_{1-x}\text{Ca}_x\text{BaCo}_2\text{O}_{5.5}$ . <i>Materials Letters</i> , <b>2012</b> , 82, 181-183	3.3	52
98	Magnetocaloric effect in $\text{La}_{0.65}\text{Eu}_x\text{Sr}_{0.35}\text{MnO}_3$ . <i>Phase Transitions</i> , <b>2014</b> , 87, 460-467	1.3	43
97	Simulation of Magnetocaloric Effect in $\text{La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$ Ceramics Fabricated by Fast Sintering Process. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2014</b> , 27, 269-272	1.5	41
96	Calculation of electrocaloric properties of ferroelectric $\text{SrBi}_2\text{Ta}_2\text{O}_9$ . <i>Phase Transitions</i> , <b>2012</b> , 85, 159-168	1.3	41
95	Theoretical work on magnetocaloric effect in ceramic and sol-gel $\text{La}_{0.67}\text{Ca}_{0.33}\text{MnO}_3$ . <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2013</b> , 111, 1251-1254	4.1	40
94	Detecting giant electrocaloric properties of ferroelectric SbSI at room temperature. <i>Journal of Advanced Dielectrics</i> , <b>2013</b> , 03, 1350008	1.3	40
93	Magnetocaloric Effect of Perovskite Manganites $\text{Ce}_{0.67}\text{Sr}_{0.33}\text{MnO}_3$ . <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2013</b> , 26, 2981-2984	1.5	39
92	Room temperature giant electrocaloric properties of relaxor ferroelectric 0.93PMN-0.07PT thin film. <i>AIP Advances</i> , <b>2013</b> , 3, 032115	1.5	39
91	Remarkable magnetic enhancement of type-M hexaferrite of barium in polystyrene polymer. <i>AIP Advances</i> , <b>2015</b> , 5, 107131	1.5	39
90	Magnetocaloric effect in $\text{La}_{1.25}\text{Sr}_{0.75}\text{MnCoO}_6$ . <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2014</b> , 115, 523-526	4.1	38
89	Investigations on electrocaloric properties of [111]-oriented $0.955\text{PbZn}_{1/3}\text{Nb}_{2/3}\text{O}_3 \cdot 0.045\text{PbTiO}_3$ single crystals. <i>Phase Transitions</i> , <b>2013</b> , 86, 307-314	1.3	38
88	Magneto-Caloric Effect in $\text{Ge}_{0.95}\text{Mn}_{0.05}$ Films. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2013</b> , 26, 449-453	1.5	37
87	Detecting giant electrocaloric effect in $\text{Sr}_x\text{Ba}_{1-x}\text{Nb}_2\text{O}_6$ single crystals. <i>Applied Physics Letters</i> , <b>2012</b> , 100, 192908	3.4	37
86	Theoretical investigations on electrocaloric properties of relaxor ferroelectric $0.9\text{PbMg}_{1/3}\text{Nb}_{2/3}\text{O}_3 \cdot 0.1\text{PbTiO}_3$ thin film. <i>Journal of Computational Electronics</i> , <b>2012</b> , 11, 344-348	1.8	37
85	Theoretical Investigations on Electrocaloric Properties of $(\text{PbZr}_{0.95}\text{Ti}_{0.05}\text{O}_3)$ Thin Film. <i>International Journal of Thermophysics</i> , <b>2013</b> , 34, 1158-1165	2.1	36

84	Magnetocaloric Effect in Nanopowders of $\text{Pr}_{0.67}\text{Ca}_{0.33}\text{Fe}_x\text{Mn}_{1-x}\text{O}_3$ . <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2014</b> , 27, 223-227	1.5	35
83	Investigations on electrocaloric properties of ferroelectric $\text{Pb}(\text{Mg}_{0.067}\text{Nb}_{0.133}\text{Zr}_{0.8})\text{O}_3$ . <i>Applied Physics Letters</i> , <b>2013</b> , 102, 142908	3-4	35
82	Magnetocaloric effect in $\text{Sr}_2\text{FeMoO}_6/\text{Ag}$ composites. <i>Processing and Application of Ceramics</i> , <b>2015</b> , 9, 11-15	1.4	34
81	Magnetocaloric Effect in $\text{La}_{1-x}\text{Cd}_x\text{MnO}_3$ . <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2013</b> , 26, 3459-3462	1.5	33
80	Magnetocaloric Effect of Perovskite $\text{Eu}_{0.5}\text{Sr}_{0.5}\text{CoO}_3$ . <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2014</b> , 27, 277-280	1.5	33
79	Magnetocaloric Effect in (001)-Oriented MnAs Thin Film. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2014</b> , 27, 263-267	1.5	33
78	Magnetocaloric effect in $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3/\text{Ta}_2\text{O}_5$ composites. <i>Journal of Advanced Ceramics</i> , <b>2013</b> , 2, 213-217	10.7	33
77	Simulation of Magnetocaloric Properties of Antiperovskite Structural $\text{Ga}_{1-x}\text{Al}_x\text{CMn}_3$ . <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2014</b> , 27, 2569-2572	1.5	32
76	Theoretical investigations on electrocaloric properties of (111)-oriented $\text{PbMg}_{1/3}\text{Nb}_{2/3}\text{O}_3$ single crystal. <i>Journal of Advanced Ceramics</i> , <b>2013</b> , 2, 308-312	10.7	32
75	Calculations on Nanocrystalline $\text{CoFe}_2\text{O}_4$ Prepared by Polymeric Precursor Method. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2013</b> , 26, 669-673	1.5	31
74	Magnetocaloric effect in $\text{La}_{1-x}\text{Ce}_x\text{MnO}_3$ . <i>Journal of Advanced Ceramics</i> , <b>2015</b> , 4, 206-210	10.7	30
73	Magnetocaloric Effect in $\text{Sr}_{0.4}\text{Ba}_{1.6-x}\text{La}_x\text{FeMoO}_6$ . <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2014</b> , 27, 1777-1780	1.5	30
72	Magnetocaloric properties of $\text{La}_{0.6}\text{Ca}_{0.4}\text{MnO}_3$ . <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2013</b> , 113, 609-613	4.1	29
71	Large magnetocaloric effect of $\text{La}_{0.67}\text{Pb}_{0.33}\text{Mn}_{1-x}\text{Co}_x\text{O}_3$ in small magnetic field variation. <i>Ceramics International</i> , <b>2017</b> , 43, 7660-7662	5.1	28
70	Prediction of Energy Loss of $\text{Ni}_{0.58}\text{Zn}_{0.42}\text{Fe}_2\text{O}_4$ Nanocrystalline and $\text{Fe}_3\text{O}_4$ Nanowire Arrays. <i>Japanese Journal of Applied Physics</i> , <b>2010</b> , 49, 085004	1.4	28
69	Calculations of the Low-Field Magnetocaloric Effect in $\text{Fe}_4\text{MnSi}_3\text{B}_x$ . <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2015</b> , 28, 2223-2227	1.5	27
68	Giant electrocaloric effect of highly (1 0 0)-oriented $0.68\text{PbMg}_{1/3}\text{Nb}_{2/3}\text{O}_3 \cdot 0.32\text{PbTiO}_3$ thin film. <i>Philosophical Magazine Letters</i> , <b>2013</b> , 93, 346-355	1	27
67	Magnetocaloric Effect in Half-Metallic Double Perovskite $\text{Sr}_{\{0.4\}}\text{Ba}_{\{1.6-x\}}\text{Sr}_{\{x\}}\text{FeMoO}_{\{6\}}$ . <i>International Journal of Thermophysics</i> , <b>2013</b> , 34, 2144-2151	2.1	27

66	Effects of Addition of Rare Earth on Magnetocaloric Effect in Fe <sub>82</sub> Nb <sub>2</sub> B <sub>14</sub> . <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2015</b> , 28, 3111-3115	1.5	25
65	Lanthanum Concentration Effect of Magnetocaloric Properties in La <sub>x</sub> MnO <sub>3</sub> . <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2015</b> , 28, 173-178	1.5	24
64	Strong coercivity reduction and high initial permeability in NiCoP coated BaFe <sub>12</sub> O <sub>19</sub> /polystyrene bilayer composite. <i>Materials Research Express</i> , <b>2016</b> , 3, 036104	1.7	23
63	Monte Carlo Calculations of Magnetic Heat Capacity of La <sub>0.7</sub> Sr <sub>0.3-x</sub> MnO <sub>3-d</sub> . <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2015</b> , 28, 2525-2528	1.5	23
62	Electrocaloric properties of Zr-modified Pb(Mg <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> polycrystalline ceramics. <i>Journal of Advanced Dielectrics</i> , <b>2013</b> , 03, 1350029	1.3	23
61	Simulated magnetocaloric properties of MnCr <sub>2</sub> O <sub>4</sub> spinel. <i>Processing and Application of Ceramics</i> , <b>2016</b> , 10, 33-36	1.4	23
60	Low Magnetic Field Magnetocaloric Effect in (Gd <sub>1-x</sub> )Eu <sub>x</sub> Ge <sub>4</sub> . <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2016</b> , 29, 1539-1543	1.5	22
59	Magnetocaloric Effect in (Pr <sub>1-x</sub> Bi <sub>x</sub> ) <sub>0.6</sub> Sr <sub>0.4</sub> MnO <sub>3</sub> . <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2015</b> , 28, 3329-3333	1.5	22
58	Phenomenological Modeling of Magnetocaloric Effect for Ni <sub>58</sub> Fe <sub>26</sub> Ga <sub>28</sub> Alloy. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2018</b> , 31, 1895-1898	1.5	22
57	Tailoring Magnetocaloric Effect in La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> /iO <sub>2</sub> . <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2018</b> , 31, 337-340	1.5	21
56	Giant isothermal entropy change in (111)-oriented PMNBT thin film. <i>Journal of Advanced Dielectrics</i> , <b>2014</b> , 04, 1450026	1.3	21
55	Magnetocaloric Effect in Fe <sub>3.5</sub> Co <sub>66.5</sub> Si <sub>12</sub> Ge <sub>x</sub> B <sub>18</sub> Ribbons. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2016</b> , 29, 2867-2871	1.5	20
54	Greatly enhanced magnetic properties of electrodeposited NiCo/BaFe <sub>12</sub> O <sub>19</sub> composites. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2016</b> , 402, 105-109	2.8	20
53	Great Magnetocaloric Effect of La <sub>0.27</sub> Nd <sub>0.4</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> . <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2015</b> , 28, 3365-3369	1.5	19
52	Initial Magnetic Permeability of M-Type BaFe <sub>12</sub> O <sub>19</sub> -Polystyrene Composite. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2016</b> , 29, 2085-2088	1.5	19
51	Tailoring thermomagnetic properties in Pb(Zr <sub>0.52</sub> Ti <sub>0.48</sub> )O <sub>3</sub> /Ni <sub>(1-x)</sub> Zn <sub>x</sub> Fe <sub>2</sub> O <sub>4</sub> . <i>Phase Transitions</i> , <b>2019</b> , 92, 517-524	1.3	18
50	Theoretical Work on Effect of Pressure on Magnetocaloric Properties of (La <sub>0.7</sub> Ca <sub>0.3</sub> )MnO <sub>3</sub> . <i>International Journal of Thermophysics</i> , <b>2015</b> , 36, 2748-2754	2.1	18
49	Phenomenological Modeling of Magnetocaloric Effect in La <sub>0.7</sub> Sr <sub>x</sub> MnO <sub>3</sub> . <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2018</b> , 31, 3357-3360	1.5	16

48	Magnetocaloric Effect in $\text{La}_{1-x}\text{Li}_x\text{MnO}_3$ . <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2018</b> , 31, 4167-4171	1.5	16
47	Nickle Concentration Effect on Low Magnetic Field Magnetocaloric Properties for $\text{Ni}_{2+x}\text{Mn}_{1-x}\text{Ge}$ . <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2019</b> , 32, 1447-1450	1.5	16
46	Synthesis and Characterization of Semi-crystalline NiCoP Film. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2015</b> , 28, 3629-3632	1.5	15
45	Simulation of Wasp-Waisted Magnetic Hysteresis Loop for NiCoP-Coated $\text{BaFe}_{12}\text{O}_{19}$ /Polystyrene Bilayer Composite Film. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2016</b> , 29, 2451-2453	1.5	15
44	The Enhancement of Thermomagnetic Properties for $\text{BaFe}_{12}\text{O}_{19}$ by Trivalent Ion Substitutions. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2020</b> , 33, 769-773	1.5	15
43	ESR, thermoelectrical and positron annihilation Doppler broadening studies of $\text{CuZnFe}_2\text{O}_4$ - $\text{BaTiO}_3$ composite. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2017</b> , 429, 124-128	2.8	14
42	The Simulated Magnetocaloric Properties for $\text{Ni}_{0.5}\text{Cu}_{0.25}\text{Zn}_{0.25}\text{Fe}_2\text{O}_4$ Nanoferrites. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2020</b> , 33, 2521-2525	1.5	14
41	Strong Correlation Between the Magnetocaloric Properties of Nanotubes of $\text{La}_{0.325}\text{Pr}_{0.3}\text{Ca}_{0.375}\text{MnO}_3$ and their Diameters. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2018</b> , 31, 4091-4094	1.5	14
40	Thermomagnetic properties of $\text{La}_{0.67}\text{Sr}_{0.33}\text{MnO}_3$ nanofibers. <i>European Physical Journal Plus</i> , <b>2019</b> , 134, 1	3.1	13
39	$\text{NiCoMoTi}$ Maraging Steel Hysteretic Loops Calculations. <i>Arabian Journal for Science and Engineering</i> , <b>2014</b> , 39, 569-574		13
38	Improvement of the thermal properties of a polystyrene via inclusion of barium hexaferrite particles. <i>Materials Research Express</i> , <b>2016</b> , 3, 075302	1.7	13
37	Investigations on Enhancing Thermomagnetic Properties in $\text{CoZn}_{1-x}\text{Fe}_2\text{O}_4$ . <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2020</b> , 33, 2753-2757	1.5	12
36	The dielectric and magnetic properties of RTV-silicon rubber $\text{NiCo}$ ferrite composites. <i>Applied Physics A: Materials Science and Processing</i> , <b>2020</b> , 126, 1	2.6	12
35	Tailored dielectric, magnetic and magnetoelectric properties of $\text{Cu}_{0.6}\text{Zn}_{0.4}\text{Fe}_2\text{O}_4$ - $\text{BaTiO}_3$ composites. <i>Materials Research Express</i> , <b>2018</b> , 5, 076102	1.7	12
34	Electrical properties and positron annihilation studies for $\text{La}_x\text{CoFe}_{2-x}\text{O}_4$ . <i>Applied Physics A: Materials Science and Processing</i> , <b>2018</b> , 124, 1	2.6	10
33	Magnetocaloric properties of $\text{La}_{0.666}\text{Sr}_{0.373}\text{Mn}_{0.943}\text{Cu}_{0.018}\text{O}_3$ . <i>Processing and Application of Ceramics</i> , <b>2017</b> , 11, 225-228	1.4	10
32	Strong Correlations Between Positron Annihilation Spectroscopy and ESR for $\text{Mn}_{0.1}\text{Mg}_x\text{Zn}_{0.9-x}\text{Fe}_2\text{O}_4$ Ceramics. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2017</b> , 30, 3143-3154	1.5	9
31	Superior values of the initial permeability for electrodeposited $\text{NiCoB}$ - $\text{BaFe}_{12}\text{O}_{19}$ composite films. <i>Phase Transitions</i> , <b>2017</b> , 90, 325-334	1.3	9

30	Extremely relative cooling power of $\text{Cu}_{0.35}\text{Zn}_{0.65}\text{Fe}_2\text{O}_4$ . <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2021</b> , 394, 127204	2.3	9
29	Magnetocaloric Effect for $\text{NaFeO}_2$ Nanoparticles. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2020</b> , 33, 3853-3856	1.5	8
28	Strong tailoring magnetocaloric effect in highly (001)-oriented $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ thin films. <i>Journal of Materials Research and Technology</i> , <b>2021</b> , 11, 1356-1361	5.5	8
27	Physical modifications of polyvinyl alcohol films containing $\text{CoCl}_2$ . <i>European Physical Journal Plus</i> , <b>2019</b> , 134, 1	3.1	8
26	Characterization and microstructure study of Eriochrome black T- Co (II)- PVA composite film for photovoltaic application. <i>Synthetic Metals</i> , <b>2018</b> , 245, 202-208	3.6	8
25	Optical and Magnetic Properties of Polyvinyl Alcohol Films Filled with $\text{CoCl}_2$ , $\text{NiCl}_2$ , and $\text{FeCl}_3$ . <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2017</b> , 30, 2927-2931	1.5	7
24	Tailoring optical transmittance of polyvinyl alcohol by $\text{FeCl}_3$ -doping for photovoltaic application. <i>European Physical Journal Plus</i> , <b>2019</b> , 134, 1	3.1	7
23	Environmentally Friendly Energy Harvesting Using Magnetocaloric Solid-State Nanoparticles as Magnetic Refrigerator. <i>Journal of Low Temperature Physics</i> , <b>2021</b> , 204, 57-63	1.3	7
22	Investigations on Thermomagnetic Properties of $\text{YbFe}_2\text{As}_2$ . <i>Journal of Low Temperature Physics</i> , <b>2021</b> , 202, 121-127	1.3	7
21	Investigation of thermomagnetic properties in $\text{Ca}_3\text{Co}_2\text{O}_6$ over cryogenic temperature between 0 and 100 K. <i>Phase Transitions</i> , 1-7	1.3	7
20	Electrical properties and positron annihilation studies of nano-crystalline $\text{Co}_{1-x}\text{Fe}_x\text{O}_4$ prepared by ceramic method. <i>Applied Physics A: Materials Science and Processing</i> , <b>2020</b> , 126, 1	2.6	6
19	Calculation of Hysteresis Losses for Ferroelectric Soft Lead Zirconate Titanate Ceramics. <i>Journal of Electronic Materials</i> , <b>2014</b> , 43, 522-527	1.9	6
18	The effect of Zr content on the thermal stability, dielectric and pyroelectric behavior for lead zirconate prepared by tartrate precursor method. <i>Applied Physics A: Materials Science and Processing</i> , <b>2019</b> , 125, 1	2.6	5
17	Tuning Magnetocaloric Properties for $\text{La}_{1-x}\text{Sr}_x\text{CoO}_3$ . <i>Physics of the Solid State</i> , <b>2021</b> , 63, 1601	0.8	4
16	Synthesis and optical properties of alizarin yellow GG-Cu(II)-PVA nanocomposite film as a selective filter for optical applications. <i>Journal of Materials Research and Technology</i> , <b>2021</b> , 11, 33-39	5.5	4
15	Characterization of excessive $\text{Sm}^{3+}$ -containing barium titanate prepared by tartrate precursor method. <i>Journal of Materials Research and Technology</i> , <b>2020</b> , 9, 15214-15221	5.5	3
14	Calculations on Hard Ferroelectric $\text{PbZr}_{1-x}\text{Ti}_x\text{O}_3$ Dynamic Hysteresis. <i>Journal of Electronic Materials</i> , <b>2017</b> , 46, 888-894	1.9	3
13	$\text{BiFeO}_3$ Layer Thicknesses Effect on Magnetocaloric Effect in $\text{BiFeO}_3 \text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ Thin Films. <i>Physics of the Solid State</i> , <b>2021</b> , 63, 709	0.8	3

12	$\epsilon$ MnO <sub>2</sub> Nanorods $\square$ Magnetocaloric Effect for Hydrogen Liquefaction. <i>Journal of Superconductivity and Novel Magnetism</i> , 1	1.5	3
11	Hysteresis Energy Loss of Nanocrystalline CoFe <sub>2</sub> O <sub>4</sub> Synthesized by Modified Citrate-Gel Method. <i>Physics of the Solid State</i> , 2021, 63, 1332-1336	0.8	3
10	Simulated Hysteretic Loops for YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> . <i>Journal of Superconductivity and Novel Magnetism</i> , 2018, 31, 3163-3166	1.5	2
9	Investigations on Strong-Tuned Magnetocaloric Effect in La <sub>0.5</sub> Ca <sub>0.1</sub> Ag <sub>0.4</sub> MnO <sub>3</sub> . <i>Frontiers in Materials</i> , 2022, 9,	4	2
8	The role of flash auto-combustion method and Mn doping in improving dielectric and magnetic properties of CoFe <sub>2</sub> O <sub>4</sub> . <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1	2.6	2
7	Investigation of the Magnetocaloric Properties in Cu <sub>1.5</sub> [Fe(CN) <sub>6</sub> ]·xH <sub>2</sub> O and Mn <sub>1.5</sub> [Fe(CN) <sub>6</sub> ]·zH <sub>2</sub> O. <i>Physics of Metals and Metallography</i> , 2021, 122, 1458-1462	1.2	2
6	Investigation on Magnetocaloric Effect in Sc Doped Th <sub>2</sub> NiC <sub>2</sub> Superconductors. <i>Physics of Metals and Metallography</i> , 2021, 122, 1454-1457	1.2	2
5	Room temperature magnetocaloric effect of Ce <sub>0.65</sub> Mg <sub>0.35</sub> Co <sub>3</sub> . <i>Journal of Materials Research and Technology</i> , 2022,	5.5	1
4	Enhancement of the dielectric properties of low density polyethylene grad (LA071) via $\square$ irradiation. <i>Journal of Materials Research and Technology</i> , 2021, 11, 247-251	5.5	1
3	Dielectric properties and potential applications of alizarin yellow GG-Cu(II) complex film blended with polyvinyl alcohol. <i>Journal of Materials Research and Technology</i> , 2021, 11, 1799-1805	5.5	1
2	Magnetocaloric Effect for La <sub>0.54</sub> Sr <sub>0.27</sub> Gd <sub>0.19</sub> MnO <sub>3</sub> Nanoparticles at Room and Cryogenic Temperatures. <i>Journal of Low Temperature Physics</i> , 1	1.3	0
1	Magnetocaloric Effect in $\epsilon$ MnB Nanoparticles. <i>Russian Journal of Physical Chemistry A</i> , 2022, 96, S101-S104	0.7	0