

# Davoud Sanavi Khoshnoud

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Magnetocaloric properties of La <sub>0.6</sub> Sr <sub>0.4</sub> MnO <sub>3</sub> prepared by solid state reaction method. Journal of Alloys and Compounds, 2016, 689, 865-873.	5.5	35
2	Enhancement of ferromagnetism in Ba and Er co-doped BiFeO <sub>3</sub> nanoparticles. Journal of Magnetism and Magnetic Materials, 2015, 393, 502-507.	2.3	33
3	Critical behavior near the paramagnetic to ferromagnetic phase transition temperature in La <sub>0.6</sub> Sr <sub>0.4</sub> MnO <sub>3</sub> ceramic: A comparison between sol-gel and solid state process. Ceramics International, 2017, 43, 5204-5215.	4.8	25
4	Influence of particle size and lattice distortion on magnetic and dielectric properties of NdFeO <sub>3</sub> orthoferrite. Physica B: Condensed Matter, 2019, 553, 53-58.	2.7	24
5	Origin of enhanced multiferroic properties in Bi <sub>0.85</sub> xLa <sub>0.15</sub> HoxFeO <sub>3</sub> nanopowders. Journal of Magnetism and Magnetic Materials, 2018, 449, 538-544.	2.3	18
6	Study on structural, magnetic and electrical properties of ReFeO <sub>3</sub> (Re= La, Pr, Nd, Sm & Gd) orthoferrites. Physica B: Condensed Matter, 2021, 612, 412899.	2.7	16
7	Magnetotransport and magnetoelastic effects in Co-doped La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> nanocrystalline perovskites. Journal of Magnetism and Magnetic Materials, 2010, 322, 3131-3136.	2.3	12
8	Logical spin-filtering in a triangular network of quantum nanorings with a Rashba spin-orbit interaction. Physica B: Condensed Matter, 2018, 529, 21-26.	2.7	11
9	Influence of Co substitution on magnetoelastic properties of Er <sub>2</sub> Fe <sub>14</sub> xCoxB (x=1, 3 and 5) intermetallic compounds. Journal of Alloys and Compounds, 2009, 480, 198-202.	5.5	9
10	Spin-polarized currents in a two-terminal double quantum ring driven by magnetic fields and Rashba spin-orbit interaction. Physica E: Low-Dimensional Systems and Nanostructures, 2018, 100, 7-13.	2.7	9
11	Influence of Si and Co substitutions on magnetoelastic properties of R <sub>2</sub> Fe <sub>17</sub> (R=Y, Er and Tm) intermetallic compounds. Journal of Magnetism and Magnetic Materials, 2009, 321, 3847-3853.	2.3	8
12	Thermal expansion anomaly and magnetostriction of Nd <sub>2</sub> Fe <sub>14</sub> Si <sub>3</sub> intermetallic compound. Journal of Alloys and Compounds, 2012, 537, 106-110.	5.5	8
13	Structural, magnetic, and photocatalytic properties in Bi <sub>0.83</sub> xLa <sub>0.17</sub> YxFeO <sub>3</sub> nanoparticles. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	8
14	Structural, magnetic, and electrical properties of RFeO <sub>3</sub> (R=Dy, Ho, Yb & Lu) compounds. Journal of Materials Science: Materials in Electronics, 2021, 32, 14286-14300.	2.2	8
15	 $S$ $m$ $x$ $E$		8
16	Enhanced photocatalytic activity of Ni-doped BiFeO <sub>3</sub> nanoparticles for degradation of bromophenol blue in aqueous solutions. Reaction Kinetics, Mechanisms and Catalysis, 2021, 134, 951-970.	1.7	8
17	Magnetoelastic properties of GdMn <sub>6</sub> Sn <sub>6</sub> intermetallic compound. Journal of Magnetism and Magnetic Materials, 2011, 323, 2070-2075.	2.3	6
18	Preconcentration and determination of four antibiotics in biological samples using nanofluid-assisted magnetic dispersive micro-solid-phase extraction coupled with high-performance liquid chromatography. Chemical Papers, 2022, 76, 901-911.	2.2	6

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19	Non-linear optical properties of nanoscale elliptical ring-shaped at the presence of Rashba spin-orbit interaction and magnetic field. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	5
20	Magnetostriction and thermal expansion of HoFe <sub>11</sub> xCo <sub>x</sub> Ti intermetallic compounds. Journal of Magnetism and Magnetic Materials, 2014, 363, 188-194.	2.3	4
21	Surfactant assisted magnetic dispersive micro solid phase extraction-HPLC as a straightforward and green procedure for preconcentrating and determining Caffeine, Lidocaine, and Chlorpromazine in biological and water samples. International Journal of Environmental Analytical Chemistry, 2023, 103, 9661-9678.	3.3	4
22	Influence of low Co substitution on magnetoelastic properties of HoFe <sub>11</sub> Ti intermetallic compound. Journal of Magnetism and Magnetic Materials, 2012, 324, 3199-3203.	2.3	3
23	NAND/AND/NOT logic gates response in series of mesoscopic quantum rings. Modern Physics Letters B, 2019, 33, 1950431.	1.9	3
24	Structural and Magnetic Properties of RMO <sub>3</sub> (R=Pr, Nd and M=Fe, Co) Perovskites. Journal of Superconductivity and Novel Magnetism, 0, , 1.	1.8	2
25	STRUCTURAL AND MAGNETOELASTIC PROPERTIES OF Y <sub>3</sub> Fe <sub>27.2</sub> Cr <sub>1.8</sub> AND Ce <sub>3</sub> Fe <sub>25</sub> Cr <sub>4</sub> FERROMAGNETIC COMPOUNDS. Modern Physics Letters B, 2011, 25, 1949-1961.	1.9	1
26	The magnetoelastic properties of Co-rich Ho(Fe,Co,Ti) <sub>12</sub> intermetallic compounds near the spin reorientation transition. Physica B: Condensed Matter, 2013, 426, 90-93.	2.7	0