

# Davoud Sanavi Khoshnoud

## List of Publications by Year in descending order

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26  
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times ranked

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#	ARTICLE	IF	CITATIONS
1	Surfactant assisted magnetic dispersive micro solid phase extraction-HPLC as a straightforward and green procedure for pre-concentrating and determining Caffeine, Lidocaine, and Chlorpromazine in Biological and water samples. International Journal of Environmental Analytical Chemistry, 2023, 103, 390-394.	3.3	4
2	Multiferroic properties in $\text{Bi}_{0.85}\text{La}_{0.15}\text{Ho}_x\text{FeO}_3$ nanopowders. Journal of Magnetism and Magnetic Materials, 2018, 449, 538-544.	2.2	8
3	Pre-concentration 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
4	Structural, magnetic, and electrical properties of $\text{RFeO}_3$ (R = Dy, Ho, Yb & Lu) compounds. Journal of Materials Science: Materials in Electronics, 2021, 32, 14286-14300.	2.2	8
5	Study on structural, magnetic and electrical properties of $\text{ReFeO}_3$ (Re = La, Pr, Nd, Sm & Gd) orthoferrites. Physica B: Condensed Matter, 2021, 612, 412899.	2.7	16
6	Enhanced photocatalytic activity of Ni-doped $\text{BiFeO}_3$ nanoparticles for degradation of bromophenol blue in aqueous solutions. Reaction Kinetics, Mechanisms and Catalysis, 2021, 134, 951-970.	1.7	8
7	Structural, magnetic, and photocatalytic properties in $\text{Bi}_{0.83}\text{La}_{0.17}\text{Y}_x\text{FeO}_3$ nanoparticles. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	8
8	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
9	NAND/AND/NOT logic gates response in series of mesoscopic quantum rings. Modern Physics Letters B, 2019, 33, 1950431.	1.9	3
10	Influence of particle size and lattice distortion on magnetic and dielectric properties of $\text{NdFeO}_3$ orthoferrite. Physica B: Condensed Matter, 2019, 553, 53-58.	2.7	24
11	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
12	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
13	Origin of enhanced multiferroic properties in $\text{Bi}_{0.85}\text{La}_{0.15}\text{Ho}_x\text{FeO}_3$ nanopowders. Journal of Magnetism and Magnetic Materials, 2018, 449, 538-544.	2.3	18
14	Critical behavior near the paramagnetic to ferromagnetic phase transition temperature in $\text{La}_{0.6}\text{Sr}_{0.4}\text{MnO}_3$ ceramic: A comparison between sol-gel and solid state process. Ceramics International, 2017, 43, 5204-5215.	4.8	25
15	Magnetocaloric properties of $\text{La}_{0.6}\text{Sr}_{0.4}\text{MnO}_3$ prepared by solid state reaction method. Journal of Alloys and Compounds, 2016, 689, 865-873.	5.5	35
16	Enhancement of ferromagnetism in Ba and Er co-doped $\text{BiFeO}_3$ nanoparticles. Journal of Magnetism and Magnetic Materials, 2015, 393, 502-507.	2.3	33
17	Magnetostriction and thermal expansion of $\text{HoFe}_{11}\text{Co}_x\text{Ti}$ intermetallic compounds. Journal of Magnetism and Magnetic Materials, 2014, 363, 188-194.	2.3	4
18	The magnetoelastic properties of Co-rich $\text{Ho}(\text{Fe},\text{Co},\text{Ti})_{12}$ intermetallic compounds near the spin reorientation transition. Physica B: Condensed Matter, 2013, 426, 90-93.	2.7	0

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19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	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