

# Shashank Kane

## List of Publications by Year in descending order

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109  
papers

1,175  
citations

516561

16  
h-index

434063

31  
g-index

109  
all docs

109  
docs citations

109  
times ranked

997  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | In-field $^{57}\text{Fe}$ Mössbauer study of $\text{Mg}_x\text{Zn}_{1-x}\text{Fe}_2\text{O}_4$ prepared by green synthesis method. <i>Hyperfine Interactions</i> , 2022, 243, 1.  | 0.2 | 5         |
| 2  | $\text{Si}^{9+}$ Ion-Irradiation Induced Modification of Structural and Magnetic Properties of Zn-Nanoferrite. <i>ECS Journal of Solid State Science and Technology</i> , 2022, 11, 053015.   | 0.9 | 4         |
| 3  | Thermal annealing time assisted modification of structural properties of Mg nano ferrite. <i>AIP Conference Proceedings</i> , 2021, , .   | 0.3 | 0         |
| 4  | Compositional dependence of structural properties and bandgap of Mg-Co spinel nanoferrite. <i>AIP Conference Proceedings</i> , 2021, , .  | 0.3 | 1         |
| 5  | $^{57}\text{Fe}$ Mössbauer study of $\text{CoCr}_x\text{Fe}_{2-x}\text{O}_4$ nano ferrite. <i>Hyperfine Interactions</i> , 2021, 242, 1.  | 0.2 | 5         |
| 6  | Cr content-dependent modification of structural, magnetic properties and bandgap in green synthesized $\text{Co}^{2+}\text{Cr}$ nano-ferrites. <i>Molecular Crystals and Liquid Crystals</i> , 2020, 699, 39-50.  | 0.4 | 11        |
| 7  | Ni addition induced modification of structural, magnetic properties and bandgap of Ni-Zn nano ferrites. <i>Materials Today: Proceedings</i> , 2020, 32, 329-333.  | 0.9 | 9         |
| 8  | Specific Loss Power of Co/Li/Zn-Mixed Ferrite Powders for Magnetic Hyperthermia. <i>Sensors</i> , 2020, 20, 2151.   | 2.1 | 16        |
| 9  | Influence of Mg Content on Structural and Magnetic Properties of Green-Synthesized $\text{Li}_{0.5}\text{Co}_{0.5}\text{Mg}_x\text{Fe}_{2.5}\text{O}_4$ (0.0 $\leq x \leq$ 0.8) Nanoferrites. <i>Springer Proceedings in Physics</i> , 2019, , 431-442. | 0.1 | 2         |
| 10 | Single reaction mixture synthesis and characterization of $\text{CoF}_2\text{O}_4$ $\text{BaFe}_{12}\text{O}_{19}$ nano-composite. <i>AIP Conference Proceedings</i> , 2019, , .  | 0.3 | 1         |
| 11 | Sol-gel auto-combustion synthesis of magnetite and its characterization via x-ray diffraction. <i>AIP Conference Proceedings</i> , 2019, , .  | 0.3 | 7         |
| 12 | Green synthesis and characterization of $\text{Li}_{0.5}\text{Co}_{0.5}\text{Mg}_x\text{Fe}_{2.5}\text{O}_4$ (0.0 $\leq x \leq$ 1.0) nano ferrite. <i>AIP Conference Proceedings</i> , 2019, , .  | 0.3 | 1         |
| 13 | Preparation condition assisted modification of structural and magnetic properties of $\text{MgFe}_2\text{O}_4$ nano ferrite. <i>AIP Conference Proceedings</i> , 2019, , .  | 0.3 | 2         |
| 14 | Synthesis, structural and magnetic properties of cadmium substituted Li-ferrite. <i>AIP Conference Proceedings</i> , 2019, , .  | 0.3 | 0         |
| 15 | Synthesis, structural and magnetic properties of $\text{CoCr}_x\text{Fe}_{2-x}\text{O}_4$ (0.0 $\leq x \leq$ 1.0) nano-ferrite. <i>AIP Conference Proceedings</i> , 2019, , .   | 0.3 | 3         |
| 16 | On the structural and magnetic investigation of $\text{CoF}_2\text{O}_4/\text{SrFe}_{12}\text{O}_{19}$ nano-composite via one pot synthesis. <i>AIP Conference Proceedings</i> , 2019, , .  | 0.3 | 1         |
| 17 | Cd content dependent structural and magnetic properties of Cd-Ni nano ferrite. <i>AIP Conference Proceedings</i> , 2019, , .  | 0.3 | 3         |
| 18 | Irradiation induced modification of medium range order in nano-crystalline metallic glass using synchrotron diffraction. <i>AIP Conference Proceedings</i> , 2019, , .  | 0.3 | 0         |

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|----|--|-----|-----------|
| 19 | Ion irradiation assisted structural relaxation of Cr-FINEMET alloy. AIP Conference Proceedings, 2019, , .  | 0.3 | 0         |
| 20 | Green synthesis and characterization of Ni <sub>0.8</sub> Zn <sub>0.2</sub> Fe <sub>2</sub> O <sub>4</sub> nano ferrite. AIP Conference Proceedings, 2019, , .   | 0.3 | 2         |
| 21 | Cd content dependent magnetic properties of Li <sub>0.5-x/2</sub> Cd <sub>x</sub> Fe <sub>2.5-x/2</sub> O <sub>4</sub> nano-ferrite prepared without post preparation thermal treatment. AIP Conference Proceedings, 2019, , .   | 0.3 | 0         |
| 22 | Preparation condition, composition and post-preparation thermal treatment assisted control of structural and magnetic properties of spinel nano ferrites. AIP Conference Proceedings, 2019, , .  | 0.3 | 1         |
| 23 | Mg <sub>1-x</sub> Zn <sub>x</sub> Fe <sub>2</sub> O <sub>4</sub> nanoparticles: Interplay between cation distribution and magnetic properties. AIP Advances, 2018, 8, .  | 0.6 | 64        |
| 24 | Ni addition induced modification of structural, magnetic properties and antistructural modeling of Zn <sub>1-x</sub> Ni <sub>x</sub> Fe <sub>2</sub> O <sub>4</sub> (x = 0.0 - 1.0) nanoferrites. Molecular Crystals and Liquid Crystals, 2018, 674, 130-141.              | 0.4 | 23        |
| 25 | Effect of 120 MeV 28Si <sup>9+</sup> ion irradiation on structural and magnetic properties of NiFe <sub>2</sub> O <sub>4</sub> and Ni <sub>0.5</sub> Zn <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> . AIP Conference Proceedings, 2018, , .                              | 0.3 | 3         |
| 26 | Effect of Zn addition on structural, magnetic properties, antistructural modeling of Co <sub>1-x</sub> Zn <sub>x</sub> Fe <sub>2</sub> O <sub>4</sub> nano ferrite. AIP Conference Proceedings, 2018, , .  | 0.3 | 13        |
| 27 | Influence of Fe/Co ratio on structural and magnetic properties of (Fe <sub>100-x</sub> Co <sub>x</sub> ) <sub>84.5</sub> Nb <sub>5</sub> B <sub>8.5</sub> P <sub>2</sub> alloy. AIP Conference Proceedings, 2018, , .  | 0.3 | 0         |
| 28 | On the 16O <sup>6+</sup> ion irradiation induced magnetic moment generation in ZnFe <sub>2</sub> O <sub>4</sub> nano ferrite. AIP Conference Proceedings, 2018, , .  | 0.3 | 3         |
| 29 | Synthesis, structural and magnetic properties of Mg <sub>0.6</sub> Zn <sub>0.4</sub> Cr <sub>x</sub> Fe <sub>2-x</sub> O <sub>4</sub> (0.0 ≤ x ≤ 2.0) nano ferrite. AIP Conference Proceedings, 2018, , .  | 0.3 | 7         |
| 30 | Thermal treatment induced modification of structural, surface and bulk magnetic properties of Fe <sub>61.5</sub> Co <sub>5</sub> Ni <sub>8</sub> Si <sub>13.5</sub> B <sub>9</sub> Nb <sub>3</sub> metallic glass. AIP Conference Proceedings, 2018, , .                   | 0.3 | 1         |
| 31 | Synthesis, characterization and antistructure modeling of Ni nano ferrite. AIP Conference Proceedings, 2018, , .   | 0.3 | 29        |
| 32 | On the role of cationic distribution in determining magnetic properties of Zn <sub>0.7-x</sub> Ni <sub>x</sub> Mg <sub>0.2</sub> Cu <sub>0.1</sub> Fe <sub>2</sub> O <sub>4</sub> nano ferrite. Materials Research Bulletin, 2017, 91, 14-21.                              | 2.7 | 28        |
| 33 | Correlation between magnetic properties and cationic distribution of Zn <sub>0.85-x</sub> Ni <sub>x</sub> Mg <sub>0.05</sub> Cu <sub>0.1</sub> Fe <sub>2</sub> O <sub>4</sub> nano spinel ferrite: effect of Ni doping. Journal of Materials Science, 2017, 52, 3467-3477. | 1.7 | 55        |
| 34 | Hysteresis losses and specific absorption rate measurements in magnetic nanoparticles for hyperthermia applications. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 1545-1558.  | 1.1 | 49        |
| 35 | On the synthesis, structural and magnetic properties of As-burnt spinel Zn <sub>0.7-x</sub> Ni <sub>x</sub> Mg <sub>0.2</sub> Cu <sub>0.1</sub> Fe <sub>2</sub> O <sub>4</sub> nano ferrite. AIP Conference Proceedings, 2017, , .   | 0.3 | 3         |
| 36 | Effect of deposition time on structural and magnetic properties of pulse laser deposited hard-soft composite films. Journal of Physics: Conference Series, 2016, 755, 012043.  | 0.3 | 1         |

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|----|---|-----|-----------|
| 37 | Cationic distribution assisted tuning of magnetic properties of $\text{Li}_{0.5-x}/2\text{Zn}_x\text{Fe}_{2.5-x}/2\text{O}_4$ . AIP Advances, 2016, 6, .  | 0.6 | 26        |
| 38 | Swift heavy ion irradiated spinel ferrite: A cheap radiation resistant material. Nuclear Instruments & Methods in Physics Research B, 2016, 379, 235-241.   | 0.6 | 18        |
| 39 | Modification of structural and magnetic properties of soft magnetic multi-component metallic glass by 80 MeV $^{16}\text{O}^{6+}$ ion irradiation. Nuclear Instruments & Methods in Physics Research B, 2016, 379, 242-245.                                       | 0.6 | 7         |
| 40 | A correlation between the magnetic and structural properties of isochronally annealed Cu-free FINEMET alloy with composition $\text{Fe}_{72}\text{B}_{19.2}\text{Si}_{4.8}\text{Nb}_4$ . Applied Physics A: Materials Science and Processing, 2015, 118, 291-299. | 1.1 | 10        |
| 41 | Influence of Ni substitution on structural and magnetic properties of $\text{Zn}_{0.85}\text{Ni}_x\text{Mg}_{0.05}\text{Cu}_{0.1}\text{Fe}_2\text{O}_4$ ferrite. , 2014, , .  |     | 2         |
| 42 | On the structural and magnetic study of $\text{Mg}_{1-x}\text{Zn}_x\text{Fe}_2\text{O}_4$ . Journal of Physics: Conference Series, 2014, 534, 012031.   | 0.3 | 7         |
| 43 | Study of hard-soft magnetic ferrite films prepared by pulsed laser deposition. Journal of Physics: Conference Series, 2014, 534, 012043.  | 0.3 | 2         |
| 44 | International Conference on Recent Trends in Physics (ICRTP 2014). Journal of Physics: Conference Series, 2014, 534, 011001.  | 0.3 | 3         |
| 45 | Influence of high temperature sintering on the structural and magnetic Properties of $\text{Mn}_{1-x}\text{Zn}_x\text{Fe}_2\text{O}_4$ . Journal of Physics: Conference Series, 2014, 534, 012016.  | 0.3 | 4         |
| 46 | Study of structural and magnetic properties of $\text{Fe}_{73.5}\text{Si}_{3.8}\text{C}_{14}\text{Mn}_{0.7}\text{B}_4\text{Al}_4$ alloy. Journal of Physics: Conference Series, 2014, 534, 012038.  | 0.3 | 1         |
| 47 | Influence of Mn addition on magnetic and structural properties of barium hexaferrite. , 2013, , .   |     | 2         |
| 48 | Preparation and characterization of Fe-Si-B thin films. , 2013, , .   |     | 1         |
| 49 | Effective anisotropy field distribution of soft magnetic nanocrystalline $\text{Fe}_{84}\text{Zr}_{3.5}\text{Nb}_{3.5}\text{B}_8\text{Cu}_1$ ribbons. AIP Conference Proceedings, 2012, , .   | 0.3 | 1         |
| 50 | Growth and characterization of ferrite film prepared by pulsed laser deposition. Journal of Physics: Conference Series, 2012, 365, 012023.  | 0.3 | 1         |
| 51 | Structural induced changes in properties and crystallization behaviour of $\text{Co}_{80}\text{Zr}_{10}\text{V}_{10}$ alloy. Journal of Physics: Conference Series, 2012, 365, 012035.  | 0.3 | 0         |
| 52 | On the optimization of soft magnetic properties of high Bs $\text{Fe}_{83.7}\text{B}_{14.8}\text{Cu}_{1.5}$ nanocrystalline alloy. Journal of Physics: Conference Series, 2012, 365, 012015.  | 0.3 | 0         |
| 53 | Microstructure and magnetic properties of $(\text{Fe}_{100-x}\text{Co}_x)_{84.5}\text{Nb}_{5.5}\text{B}_{8.5}\text{P}_2$ alloys. Journal of Alloys and Compounds, 2012, 536, S337-S341.   | 2.8 | 6         |
| 54 | Magnetic and structural properties of ion beam sputtered $\text{Fe-Zr-Nb-B-Cu}$ thin films. Thin Solid Films, 2012, 520, 3499-3504.   | 0.8 | 2         |

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|----|---|-----|-----------|
| 55 | Thickness dependence of crystalline state in FeZrNbCuB thin films obtained by sputter deposition. Journal of Alloys and Compounds, 2011, 509, 4688-4695.  | 2.8 | 5         |
| 56 | XAS and XMCD studies of amorphous FeCo-based ribbons. Journal of Non-Crystalline Solids, 2011, 357, 2228-2231.  | 1.5 | 5         |
| 57 | On the origin of dynamic strain aging in twinning-induced plasticity steels. Acta Materialia, 2011, 59, 6809-6819.  | 3.8 | 292       |
| 58 | On the influence of Joule heating induced nanocrystallization on structural and magnetic properties of Co <sub>64</sub> Fe <sub>21</sub> B <sub>15</sub> alloy. Current Applied Physics, 2011, 11, 981-985.   | 1.1 | 11        |
| 59 | Mössbauer Study of Some Polymeric Iron(II) Complexes of Halo-Salicylhydroxamic Acids. Bulletin Des Sociétés Chimiques Belges, 2010, 99, 293-298.  | 0.0 | 2         |
| 60 | Mössbauer study of the substituent effect in iron (III)-complexes of nuclear substituted benzohydroxamic acids. Bulletin Des Sociétés Chimiques Belges, 2010, 105, 155-157.   | 0.0 | 0         |
| 61 | Influence of Co content and thermal annealing on structural, magnetic and magneto elastic properties of nanocrystalline Fe-Co-Nb-B alloys. Physica B: Condensed Matter, 2010, 405, 2803-2806.   | 1.3 | 5         |
| 62 | Mössbauer study of rapidly solidified Al-Fe based amorphous alloys. Hyperfine Interactions, 2009, 189, 119-123.   | 0.2 | 2         |
| 63 | Study of rapid stress annealed nano-crystalline Fe <sub>74.5</sub> Cu <sub>1</sub> Nb <sub>3</sub> Si <sub>15.5</sub> B <sub>6</sub> alloy. Hyperfine Interactions, 2009, 191, 47-53.   | 0.2 | 1         |
| 64 | Effects of B and P content on structural and magnetic properties of cast iron based amorphous alloys. Hyperfine Interactions, 2009, 191, 109-113.   | 0.2 | 0         |
| 65 | Mössbauer study of rapidly solidified Al-Fe based amorphous alloys. , 2009, , 119-123.  |     | 1         |
| 66 | Structural and magnetic study of bulk glassy Fe <sub>72</sub> Co <sub>x</sub> B <sub>20</sub> Si <sub>4</sub> Nb <sub>4</sub> alloys. Hyperfine Interactions, 2008, 183, 129-133.   | 0.2 | 1         |
| 67 | Rapid stress annealing dependence of structural and magnetic properties of Fe <sub>75</sub> Co <sub>x</sub> Cu <sub>1</sub> Nb <sub>3</sub> Si <sub>15</sub> B <sub>6</sub> alloys. Hyperfine Interactions, 2008, 183, 135-140.                         | 0.2 | 1         |
| 68 | Effect of annealing on magnetic and magnetotransport properties of Fe <sub>84</sub> Zr <sub>3.5</sub> Nb <sub>3.5</sub> Cu <sub>1</sub> B <sub>8</sub> ribbons. Physica Status Solidi (A) Applications and Materials Science, 2008, 205, 1749-1752.     | 0.8 | 1         |
| 69 | Penetration depth and magnetic permeability calculations on GMI effect and comparison with measurements on CoFeB alloys. Journal of Magnetism and Magnetic Materials, 2008, 320, 510-514.   | 1.0 | 9         |
| 70 | Structural and magnetic investigation of gradually devitrified Nanoperm alloys. Journal of Magnetism and Magnetic Materials, 2008, 320, e828-e832.  | 1.0 | 13        |
| 71 | Effect of dc-Joule-heating thermal processing on magnetoimpedance of Fe <sub>72</sub> Al <sub>5</sub> Ga <sub>2</sub> P <sub>11</sub> C <sub>6</sub> B <sub>4</sub> amorphous alloy. Journal of Magnetism and Magnetic Materials, 2008, 320, e792-e796. | 1.0 | 6         |
| 72 | High-frequency magnetoimpedance on annealed amorphous magnetic wires with different magnetostriction constants. Journal of Non-Crystalline Solids, 2007, 353, 919-921.  | 1.5 | 5         |

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|----|---|-----|-----------|
| 73 | Influence of annealing on the high frequency magnetotransport properties of melt-spun Fe <sub>31</sub> Co <sub>31</sub> Nb <sub>8</sub> B <sub>30</sub> alloys. Journal of Non-Crystalline Solids, 2007, 353, 3099-3102.  | 1.5 | 0         |
| 74 | Surface analysis of Fe-Co-Nb-Cu-B metallic glasses using a miniaturised Mössbauer spectrometer MIMOS™. Journal of Non-Crystalline Solids, 2007, 353, 3587-3589.   | 1.5 | 1         |
| 75 | Study of magnetic properties and relaxation in amorphous Fe <sub>73.9</sub> Nb <sub>3.1</sub> Cu <sub>0.9</sub> Si <sub>13.2</sub> B <sub>8.9</sub> thin films produced by ion beam sputtering. Journal of Applied Physics, 2007, 102, 043916.  | 1.1 | 3         |
| 76 | Influence of magnetostriction on high-frequency magnetotransport properties of current-annealed amorphous magnetic wires. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2007, 449-451, 468-471.   | 2.6 | 0         |
| 77 | GMI sensors based on stress-annealed iron based nanocrystalline ribbons. Sensors and Actuators A: Physical, 2006, 129, 142-145.   | 2.0 | 7         |
| 78 | Study of magnetoimpedance effect in Co-Fe-Si-B glass-covered microwires. Sensors and Actuators A: Physical, 2006, 129, 216-219.   | 2.0 | 6         |
| 79 | Influence of Nb addition on structural and magnetic properties of FeNbAlGaPCB metallic glasses. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 1461-1464.  | 1.0 | 2         |
| 80 | Mössbauer and magnetic studies of (Fe <sub>100-x</sub> Co) <sub>62</sub> Nb <sub>8</sub> B <sub>30</sub> (X=0,33,50) alloys. Journal of Magnetism and Magnetic Materials, 2005, 292, 447-452.   | 1.0 | 24        |
| 81 | Influence of DC Joule-heating treatment on magnetoimpedance effect in amorphous Co <sub>64</sub> Fe <sub>21</sub> B <sub>15</sub> alloy. Journal of Magnetism and Magnetic Materials, 2004, 271, 312-317.   | 1.0 | 28        |
| 82 | High-frequency magnetotransport properties in Co <sub>83.2</sub> Mn <sub>7.6</sub> Si <sub>5.9</sub> B <sub>3.3</sub> glass-covered amorphous microwires. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1127-E1128.  | 1.0 | 0         |
| 83 | On the microstructural origin of stress-induced anisotropy in Co <sub>67</sub> Fe <sub>4</sub> Mo <sub>1.5</sub> Si <sub>16.5</sub> B <sub>11</sub> metallic glass. Journal of Magnetism and Magnetic Materials, 2004, 280, 84-89.  | 1.0 | 2         |
| 84 | Magnetic and structural study of (Fe <sub>1-x</sub> Co) <sub>62</sub> Nb <sub>8</sub> B <sub>30</sub> bulk amorphous alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 375-377, 1048-1052.  | 2.6 | 13        |
| 85 | Investigation of structural and magnetotransport properties of Joule heated amorphous Co <sub>67</sub> Fe <sub>4</sub> Mo <sub>1.5</sub> Si <sub>16.5</sub> B <sub>11</sub> alloy. Physica Status Solidi C: Current Topics in Solid State Physics, 2004, 1, 3402-3405.                                  | 0.8 | 0         |
| 86 | Study of structural and magnetic properties of (Fe <sub>100-x</sub> Co) <sub>73.5</sub> Si <sub>13.5</sub> B <sub>9</sub> Nb <sub>3</sub> Cu <sub>1</sub> alloys. Physica Status Solidi C: Current Topics in Solid State Physics, 2004, 1, 3603-3607.   | 0.8 | 13        |
| 87 | Effect of the amorphous-to-nanocrystalline transformation on the high-frequency magneto-impedance in Fe <sub>63.5</sub> Cr <sub>10</sub> Cu <sub>1</sub> Nb <sub>3</sub> Si <sub>13.5</sub> B <sub>9</sub> melt-spun ribbons. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1421-1422.    | 1.0 | 2         |
| 88 | Effect of thermal treatments on the high-frequency magnetic permeability of glass-covered Co <sub>83.2</sub> Mn <sub>17.6</sub> Si <sub>5.9</sub> B <sub>3.3</sub> wires. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 375-377, 1036-1039. | 2.6 | 3         |
| 89 | Effect of Cu, Nb and Ta addition on the structural and magnetic properties of amorphous Fe-Co-Si-B alloys. Journal of Magnetism and Magnetic Materials, 2003, 254-255, 492-494.   | 1.0 | 35        |
| 90 | Mössbauer study of plastic deformation in amorphous Fe <sub>40</sub> Ni <sub>40</sub> B <sub>20</sub> and Fe <sub>78</sub> Si <sub>9</sub> B <sub>11</sub> C <sub>2</sub> alloys. Journal of Magnetism and Magnetic Materials, 2003, 254-255, 501-503.  | 1.0 | 8         |

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|-----|---|-----|-----------|
| 91  | Influence of stress-annealing on magneto-transport properties in Co-based amorphous ribbons. Sensors and Actuators A: Physical, 2003, 106, 199-202.   | 2.0 | 9         |
| 92  | Effect of annealing on high-frequency magnetoimpedance in Co/sub 83.2/Mn/sub 7.6/Si/sub 5.9/B/sub 3.3/glass-coated microwires. IEEE Transactions on Magnetics, 2002, 38, 3093-3095.   | 1.2 | 11        |
| 93  | Influence of thermal annealing on magnetoimpedance in glass-covered Co-B-Si-Mn microwires. Journal of Magnetism and Magnetic Materials, 2002, 249, 333-336.   | 1.0 | 3         |
| 94  | Title is missing!. Hyperfine Interactions, 2002, 144/145, 371-379.  | 0.2 | 27        |
| 95  | Surface and Bulk Crystallization of Fe <sub>61</sub> Co <sub>21</sub> Nb <sub>3</sub> B <sub>15</sub> Alloy. Hyperfine Interactions, 2002, 144/145, 273-278.  | 0.2 | 2         |
| 96  | Influence of current annealing, stress, torsion and dc magnetic field on Matteucci effect in amorphous wires. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2001, 304-306, 1055-1057. | 2.6 | 6         |
| 97  | Effect of quenching rate on crystallization in Fe <sub>73.5</sub> Si <sub>13.5</sub> B <sub>9</sub> Cu <sub>1</sub> Nb <sub>3</sub> alloy. Journal of Magnetism and Magnetic Materials, 2000, 215-216, 372-374.                             | 1.0 | 8         |
| 98  | Effect of Nb content on the structural and magnetic properties of amorphous Co <sub>21</sub> Fe <sub>64-x</sub> Nb <sub>x</sub> B <sub>15</sub> alloys. Journal of Magnetism and Magnetic Materials, 2000, 215-216, 375-377.                | 1.0 | 8         |
| 99  | Influence of Joule heating on magnetostriction and giant magnetoimpedance effect in a glass covered CoFeSiB microwire. Journal of Applied Physics, 1999, 85, 5435-5437.   | 1.1 | 71        |
| 100 | Enhanced electron-electron interaction, weak localization and electron-magnon scattering contributions to electrical resistivity in Fe- and Co-based metallic glass wires. Journal of Non-Crystalline Solids, 1999, 248, 211-223.           | 1.5 | 11        |
| 101 | Effect of quenching rate on spin texture in amorphous Fe <sub>73.5</sub> Cu <sub>1</sub> Nb <sub>3</sub> Si <sub>13.5</sub> B <sub>9</sub> alloys. Journal of Magnetism and Magnetic Materials, 1997, 167, 241-244.                         | 1.0 | 15        |
| 102 | de. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1997, 226-228, 729-731.   | 2.6 | 7         |
| 103 | Creep-induced magnetic anisotropy in amorphous Fe <sub>25</sub> Co <sub>60</sub> B <sub>15</sub> . Journal of Magnetism and Magnetic Materials, 1996, 157-158, 519-520.   | 1.0 | 1         |
| 104 | Study of short range order in amorphous (FeCo) <sub>85</sub> B <sub>15</sub> alloys. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 321-322.   | 1.0 | 6         |
| 105 | Tensor components of the magnetization in a twisted Fe-rich amorphous wire. Journal of Applied Physics, 1994, 75, 6952-6954.  | 1.1 | 26        |
| 106 | Study of iron doped La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> . Nuclear Instruments & Methods in Physics Research B, 1993, 76, 325-327.  | 0.6 | 1         |
| 107 | Mössbauer studies of Fe(II) chelates of bromo substituted salicylhydroxamic acids. Hyperfine Interactions, 1990, 53, 345-349.   | 0.2 | 3         |
| 108 | Mössbauer study of structural defects in metallic glasses. Hyperfine Interactions, 1987, 35, 659-662.   | 0.2 | 2         |

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|-----|---|-----|-----------|
| 109 | Mössbauer study of some metal chelates of salicylhydroxamic acid and benzohydroxamic acid. <i>Hyperfine Interactions</i> , 1987, 35, 927-930. | 0.2 | 5         |