

# Hakan Kockar

## List of Publications by Citations

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|--------------------|-------------------------|----------------|-----------------|
| 111<br>papers      | 1,301<br>citations      | 20<br>h-index  | 28<br>g-index   |
| 113<br>ext. papers | 1,495<br>ext. citations | 2.3<br>avg, IF | 4.96<br>L-index |

| #   | Paper   | IF  | Citations |
|-----|---|-----|-----------|
| 111 | Comparison of NiCu alloy films electrodeposited at low and high pH levels. <i>Journal of Alloys and Compounds</i> , <b>2008</b> , 453, 15-19  | 5.7 | 71        |
| 110 | A Simple Way to Synthesize Superparamagnetic Iron Oxide Nanoparticles in Air Atmosphere: Iron Ion Concentration Effect. <i>IEEE Transactions on Magnetism</i> , <b>2010</b> , 46, 3978-3983   | 2   | 65        |
| 109 | Growth of Iron Oxide Nanoparticles by Hydrothermal Process: Effect of Reaction Parameters on the Nanoparticle Size. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2015</b> , 28, 823-829   | 1.5 | 60        |
| 108 | Electrodeposited NiCo films from electrolytes with different Co contents. <i>Applied Surface Science</i> , <b>2012</b> , 258, 4005-4010   | 6.7 | 50        |
| 107 | The influence of synthesis parameters on one-step synthesized superparamagnetic cobalt ferrite nanoparticles with high saturation magnetization. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2019</b> , 473, 262-267                        | 2.8 | 44        |
| 106 | Growth and characterizations of magnetic nanoparticles under hydrothermal conditions: Reaction time and temperature. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2015</b> , 373, 213-216  | 2.8 | 40        |
| 105 | Effect of Synthesis Parameters on the Properties of Superparamagnetic Iron Oxide Nanoparticles. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2012</b> , 25, 2777-2781   | 1.5 | 26        |
| 104 | Characterisations of CoCu films electrodeposited at different cathode potentials. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2010</b> , 322, 1098-1101   | 2.8 | 26        |
| 103 | A new example of the diffusion-limited aggregation: NiCu film patterns. <i>Applied Surface Science</i> , <b>2010</b> , 256, 2995-2999   | 6.7 | 26        |
| 102 | A simple way to obtain high saturation magnetization for superparamagnetic iron oxide nanoparticles synthesized in air atmosphere: Optimization by experimental design. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2016</b> , 409, 116-123 | 2.8 | 26        |
| 101 | Effect of film thickness on properties of electrodeposited NiCo films. <i>Applied Surface Science</i> , <b>2012</b> , 258, 5046-5051  | 6.7 | 25        |
| 100 | The effect of different chemical compositions caused by the variation of deposition potential on properties of NiCo films. <i>Applied Surface Science</i> , <b>2011</b> , 257, 3632-3635  | 6.7 | 25        |
| 99  | Role of electrolyte pH on structural and magnetic properties of CoFe films. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2010</b> , 322, 1095-1097   | 2.8 | 25        |
| 98  | Magnetic Characterizations of Cobalt Oxide Nanoparticles. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2012</b> , 25, 2783-2787   | 1.5 | 24        |
| 97  | Superparamagnetic Cobalt Ferrite Nanoparticles: Effect of Temperature and Base Concentration. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2015</b> , 28, 1021-1027   | 1.5 | 23        |
| 96  | Iron Oxide Nanoparticles Co-Precipitated in Air Environment: Effect of $[\text{Fe}^{+2}]/[\text{Fe}^{+3}]$ Ratio. <i>IEEE Transactions on Magnetism</i> , <b>2012</b> , 48, 1532-1536   | 2   | 23        |
| 95  | Parameters affecting microstructure and magnetoresistance of electrodeposited CoCu alloy films. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2006</b> , 304, e784-e786   | 2.8 | 21        |

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|----|---|-----|----|
| 94 | The rotation and clamping effect on the magnetic properties of iron films deposited onto a rotating substrate. <i>Physica B: Condensed Matter</i> , <b>2002</b> , 321, 124-128  | 2.8 | 21 |
| 93 | Growth of binary NiFe films: Characterisations at low and high potential levels. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2015</b> , 377, 59-64  | 2.8 | 20 |
| 92 | Magnetic anisotropy and its thickness dependence for NiFe alloy films electrodeposited on polycrystalline Cu substrates. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2006</b> , 304, e736-e738                                | 2.8 | 20 |
| 91 | Properties of electrodeposited CoFe/Cu multilayers: The effect of Cu layer thickness. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2015</b> , 373, 128-131   | 2.8 | 19 |
| 90 | The effect of Fe content in electrodeposited CoFe/Cu multilayers on structural, magnetic and magnetoresistance characterizations. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2010</b> , 10, 7783-6                             | 1.3 | 19 |
| 89 | Simple electrodeposition of CoFe/Cu multilayers: Effect of ferromagnetic layer thicknesses. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2017</b> , 421, 472-476   | 2.8 | 18 |
| 88 | Properties of CoFe Films: Dependence of Cathode Potentials. <i>IEEE Transactions on Magnetics</i> , <b>2010</b> , 46, 390-392   | 2   | 18 |
| 87 | Effect of potentiostatic waveforms on properties of electrodeposited NiFe alloy films. <i>European Physical Journal B</i> , <b>2004</b> , 42, 497-501   | 1.2 | 18 |
| 86 | Rotation Speed-Induced Uniaxial In-Plane Anisotropy in Thin Films Deposited Onto a Rotating Substrate. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2004</b> , 17, 531-536  |     | 18 |
| 85 | Giant Magnetoresistance and Magnetic Properties of CoFe/Cu Multilayer Films: Dependence of Electrolyte pH. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2013</b> , 26, 825-829  | 1.5 | 17 |
| 84 | Superparamagnetic iron oxide nanoparticles: effect of iron oleate precursors obtained with a simple way. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2013</b> , 24, 3073-3080                                      | 2.1 | 17 |
| 83 | The effect of ferromagnetic and non-ferromagnetic layer thicknesses on the electrodeposited CoFe/Cu multilayers. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2015</b> , 26, 2411-2417                              | 2.1 | 17 |
| 82 | Characterisations of CoFeCu films: Influence of Fe concentration. <i>Journal of Alloys and Compounds</i> , <b>2014</b> , 586, S326-S330   | 5.7 | 16 |
| 81 | Growth and characterisation of electrodeposited Co/Cu superlattices. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2008</b> , 8, 854-60   | 1.3 | 15 |
| 80 | Superparamagnetic zinc ferrite: A correlation between high magnetizations and nanoparticle sizes as a function of reaction time via hydrothermal process. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2019</b> , 474, 282-286 | 2.8 | 15 |
| 79 | Magnetoresistance of CoNiCu/Cu Multilayers Electrodeposited from Electrolytes with Different Ni Ion Concentrations. <i>Journal of the Electrochemical Society</i> , <b>2010</b> , 157, D538   | 3.9 | 14 |
| 78 | Effects of biocompatible surfactants on structural and corresponding magnetic properties of iron oxide nanoparticles coated by hydrothermal process. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2019</b> , 474, 332-336      | 2.8 | 13 |
| 77 | Electrodeposited NiFeCu/Cu multilayers: Effect of Fe ion concentration on properties. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2015</b> , 373, 135-139   | 2.8 | 12 |

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|----|--|-----|----|
| 76 | Giant magnetoresistance (GMR) behavior of electrodeposited NiFe/Cu multilayers: Dependence of non-magnetic and magnetic layer thicknesses. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2017</b> , 444, 132-139 | 2.8 | 12 |
| 75 | Emulsifier-free emulsion polymerization of methyl methacrylate containing hydrophilic magnetite nanoparticles. <i>Macromolecular Research</i> , <b>2010</b> , 18, 1154-1159  | 1.9 | 12 |
| 74 | Influence of deposition potentials applied in continuous and pulse waveforms on magnetic properties of electrodeposited nickel-iron films. <i>Sensors and Actuators A: Physical</i> , <b>2006</b> , 129, 184-187           | 3.9 | 12 |
| 73 | Electrodeposited NiCoFe films from electrolytes with different Fe ion concentrations. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2014</b> , 360, 148-151  | 2.8 | 11 |
| 72 | Characterizations of NiCu/Cu Multilayers: Dependence of Nonmagnetic Layer Thickness. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2013</b> , 26, 779-784   | 1.5 | 10 |
| 71 | Influence of Co:Cu ratio on properties of Co/Cu films deposited at different conditions. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2012</b> , 324, 3834-3838   | 2.8 | 10 |
| 70 | Electrodeposited Cobalt Films: Alteration Caused by the Electrolyte pH. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2011</b> , 24, 801-804  | 1.5 | 10 |
| 69 | Co-Fe films: effect of Fe content on their properties. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2010</b> , 10, 7639-42  | 1.3 | 10 |
| 68 | Composition Dependence of Structural and Magnetic Properties of Electrodeposited Co-Cu Films. <i>IEEE Transactions on Magnetics</i> , <b>2010</b> , 46, 3973-3977  | 2   | 10 |
| 67 | Characterisation of evaporated and laser-ablated 3% silicon-iron. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2002</b> , 242-245, 187-190  | 2.8 | 10 |
| 66 | Factors affecting magnetic properties of evaporated iron films. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2002</b> , 242-245, 183-186  | 2.8 | 10 |
| 65 | In-plane anisotropy and stress detection of films deposited by RC technique. <i>European Physical Journal B</i> , <b>2001</b> , 24, 457-461  | 1.2 | 10 |
| 64 | Electrodeposited Co/Ni Films: Electrolyte pH-Property Relationships. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2013</b> , 26, 651-655   | 1.5 | 9  |
| 63 | Properties of Iron Oxide Nanoparticles Synthesized at Different Temperatures. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2011</b> , 24, 675-678  | 1.5 | 9  |
| 62 | Superparamagnetic latex synthesized by a new route of emulsifier-free emulsion polymerization. <i>Journal of Applied Polymer Science</i> , <b>2011</b> , 121, 2264-2272  | 2.9 | 9  |
| 61 | Total film thickness controlled structural and related magnetic properties of sputtered Ni/Cu multilayer thin films. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2019</b> , 478, 48-54                         | 2.8 | 8  |
| 60 | Magnetoresistance behaviour in CoFe/Cu multilayers: thin Cu layer effect. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2016</b> , 27, 10059-10064  | 2.1 | 8  |
| 59 | A Simple Method of Synthesis and Characterizations of Oleate-Coated Iron Oxide Nanoparticles. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2017</b> , 30, 2023-2027  | 1.5 | 8  |

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|----|--|-----|---|
| 58 | A simple way to synthesize tartaric acid, ascorbic acid and their mixture coated superparamagnetic iron oxide nanoparticles with high saturation magnetisation and high stability against oxidation: Characterizations and their biocompatibility studies. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2019</b> , 474, 654-660 | 2.8 | 8 |
| 57 | Characterizations of Electrodeposited NiCoFe Ternary Alloys: Influence of deposition potential. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2015</b> , 26, 4046-4050  | 2.1 | 7 |
| 56 | Differences observed in properties of ternary NiCoFe films electrodeposited at low and high pH. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2013</b> , 24, 1961-1965  | 2.1 | 7 |
| 55 | Properties of electrodeposited CoMn films: Influence of deposition parameters. <i>Applied Surface Science</i> , <b>2015</b> , 358, 605-611   | 6.7 | 7 |
| 54 | Study of Electrolyte pH in Production of CuCoNi Ternary Alloys and Its Effect on Microstructural and Magnetic Properties. <i>IEEE Transactions on Magnetics</i> , <b>2014</b> , 50, 1-4  | 2   | 7 |
| 53 | Electrochemical production of Fe-Cu films: determination of the deposition potentials and their effect on microstructural and magnetic properties. <i>EPJ Applied Physics</i> , <b>2009</b> , 48, 30504  | 1.1 | 7 |
| 52 | Production and characterisations of thin films deposited by a novel vacuum coating plant (VCP). <i>Sensors and Actuators A: Physical</i> , <b>2006</b> , 129, 188-191  | 3.9 | 7 |
| 51 | Influence of Deposition Parameters of Novel Vacuum Coating Plant on Evaporated Ni60Fe40 and Ni80Fe20 Films. <i>Sensor Letters</i> , <b>2009</b> , 7, 220-223   | 0.9 | 7 |
| 50 | The Role of Cu Content on Properties of Electrodeposited Fe-Cu Films. <i>Sensor Letters</i> , <b>2009</b> , 7, 255-258   | 0.9 | 7 |
| 49 | Development of electrodeposited multilayer coatings: A review of fabrication, microstructure, properties and applications. <i>Applied Surface Science Advances</i> , <b>2021</b> , 6, 100141   | 2.6 | 7 |
| 48 | Facile electrodeposition CoCu/Cu multilayers: deposition potentials for magnetic layers. <i>Journal of Materials Science</i> , <b>2017</b> , 52, 3368-3374   | 4.3 | 6 |
| 47 | Properties of Electrodeposited CoFeNi/Cu Superlattices: The Effect of CoFeNi and Cu Layers Thicknesses. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2013</b> , 26, 813-817  | 1.5 | 6 |
| 46 | Impact of Deposition Rate on the Structural and Magnetic Properties of Sputtered Ni/Cu Multilayer Thin Films. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , <b>2017</b> , 73, 85-90   | 1.4 | 6 |
| 45 | A Facile Method to Synthesize Nickel Ferrite Nanoparticles: Parameter Effect. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2017</b> , 30, 2359-2369  | 1.5 | 6 |
| 44 | Relation between ferromagnetic layer thickness (NiCu) and properties of NiCu/Cu multilayers. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2015</b> , 26, 5014-5021   | 2.1 | 5 |
| 43 | Electrochemical, Structural and Magnetic Analysis of Electrodeposited CoCu/Cu Multilayers: Influence of Cu Layer Deposition Potential. <i>Journal of Electronic Materials</i> , <b>2018</b> , 47, 1896-1903  | 1.9 | 5 |
| 42 | Electrical properties of Poly(ethylene glycol dimethacrylate-n-vinyl imidazole)/Single Walled Carbon Nanotubes/n-Si Schottky diodes formed by surface polymerization of Single Walled Carbon Nanotubes. <i>Thin Solid Films</i> , <b>2012</b> , 520, 2106-2109   | 2.2 | 5 |
| 41 | Scanning of nickel sulfamate concentration in electrodeposition bath used for production of NiCo alloys. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2013</b> , 24, 3376-3381   | 2.1 | 5 |

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| 40 | Paraoxonase 1-bound magnetic nanoparticles: preparation and characterizations. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2010</b> , 10, 7554-9   | 1.3 | 5 |
| 39 | Investigation of deposition parameters and output functions, and production of low coercivity films. <i>EPJ Applied Physics</i> , <b>2002</b> , 17, 209-214  | 1.1 | 5 |
| 38 | Uniaxial in-plane magnetic anisotropy in silicon-iron films prepared using vacuum coating plant (VCP). <i>EPJ Applied Physics</i> , <b>2005</b> , 30, 185-188  | 1.1 | 5 |
| 37 | The effects of temperature and reaction time on the formation of manganese ferrite nanoparticles synthesized by hydrothermal method. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2020</b> , 31, 2567-2574   | 2.1 | 5 |
| 36 | Optimisation of saturation magnetisation of iron nanoparticles synthesized by hydrogen reduction: Taguchi technique, response surface method, and multiple linear and quadratic regression analyses. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2019</b> , 473, 190-197 | 2.8 | 5 |
| 35 | Giant Magnetoresistance in Electrochemical Deposited CoFe/Cu Multilayers Depending on Fe Concentration. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2018</b> , 31, 2195-2200  | 1.5 | 5 |
| 34 | Characterizations of FeCl/Cu superlattices sputtered at low and high deposition rates of ferromagnetic layer. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2015</b> , 373, 124-127  | 2.8 | 4 |
| 33 | Electrochemical Deposition of CoCu/Cu Multilayers: Structural and Magnetic Properties as a Function of Non-magnetic Layer Thickness. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , <b>2018</b> , 73, 127-133                                      | 1.4 | 4 |
| 32 | Influence of deposition potential on the electrodeposited Ternary CoFeCu films. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2013</b> , 24, 2562-2567  | 2.1 | 4 |
| 31 | A Numeric Application Using Diffusion Limited Aggregation Model for the Manganese Dendrites. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , <b>2010</b> , 65, 777-780  | 1.4 | 4 |
| 30 | Magnetic characterization of silicon/iron magnetic material produced by a novel rotating cryostat. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2003</b> , 254-255, 91-93   | 2.8 | 4 |
| 29 | Effect of Co and Cu Layer Thicknesses on Characterization of Electrodeposited Co/Cu Multilayers. <i>Sensor Letters</i> , <b>2013</b> , 11, 106-109   | 0.9 | 4 |
| 28 | Characterizations of Binary FeCr (AISI 430) Thin Films Deposited from a Single Magnetron Sputtering Under Easy Controllable Deposition Parameters. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2019</b> , 32, 2457-2465   | 1.5 | 4 |
| 27 | Effect of NiFe layer thickness on properties of NiFe/Cu superlattices electrodeposited on titanium substrate. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2019</b> , 30, 17879-17889  | 2.1 | 3 |
| 26 | Electrodeposited CoFeCu films at high and low pH levels: structural and magnetic properties. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2015</b> , 26, 2090-2094   | 2.1 | 3 |
| 25 | The Role of Wheel Surface Quality on Structural and Hard Magnetic Properties of NdFeB Permanent Magnet Powders. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2018</b> , 31, 3025-3041  | 1.5 | 3 |
| 24 | Use of triethylene glycol monobutyl ether in synthesis of iron oxide nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2014</b> , 361, 249-254  | 2.8 | 3 |
| 23 | Determination of Texture Orientation Related Magnetic Properties of Nickel-Cobalt Films. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , <b>2010</b> , 65, 342-346  | 1.4 | 3 |



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|----|--|-----|---|
| 22 | Evaluation of properties of sputtered Ni/Cu films with different thicknesses of the Cu layer. <i>Thin Solid Films</i> , <b>2021</b> , 727, 138661  | 2.2 | 3 |
| 21 | Optimization of Fe content in Electrodeposited FeCoCu/Cu magnetic multilayer. <i>Thin Solid Films</i> , <b>2019</b> , 673, 7-13  | 2.2 | 2 |
| 20 | A study on total thickness dependency: microstructural, magnetoresistance and magnetic properties of electrochemically deposited permalloy based multilayers. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2015</b> , 26, 5009-5013                          | 2.1 | 2 |
| 19 | Change in planar hall effect ratio of Ni <sub>80</sub> films produced by electrodeposition. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2015</b> , 373, 115-119  | 2.8 | 2 |
| 18 | Effect of l-ascorbic acid on electrochemically deposited FeCoCu/Cu magnetic multilayer granular films: structural, magnetic and magnetoresistance properties. <i>Thin Solid Films</i> , <b>2020</b> , 709, 138180  | 2.2 | 2 |
| 17 | Reduction and characterizations of iron particles: influence of reduction parameters. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2013</b> , 24, 2602-2609  | 2.1 | 2 |
| 16 | Dependence of Magnetoresistance in Electrodeposited CoNiCu/Cu Multilayers on Ni Composition. <i>ECS Transactions</i> , <b>2009</b> , 25, 87-95   | 1   | 2 |
| 15 | Contribution of electrolyte pH and deposition potentials to the magnetic anisotropy of electrodeposited nickel films. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2010</b> , 322, 1088-1091  | 2.8 | 2 |
| 14 | The influence of deposition parameters on production of soft Fe <sub>81</sub> Co <sub>13.5</sub> Si <sub>3.5</sub> C <sub>2</sub> and Fe <sub>67</sub> Co <sub>18</sub> Si <sub>1</sub> B <sub>14</sub> films. <i>European Physical Journal B</i> , <b>2004</b> , 39, 453-457      | 1.2 | 2 |
| 13 | Electrodeposition and Characterization of Co/Cu Multilayers. <i>Acta Physica Polonica A</i> , <b>2016</b> , 129, 773-775.6   | 2.6 | 2 |
| 12 | Ternary FeCrNi martensitic thin films sputtered on a flexible substrate from a single AISI 304 austenitic stainless steel source: Effect of deposition rate on structural and magnetic properties. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2019</b> , 476, 597-603 | 2.8 | 2 |
| 11 | 2D Magnetic Texture Analysis of Co <sub>80</sub> Ti <sub>20</sub> Films. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , <b>2017</b> , 72, 449-455  | 1.4 | 1 |
| 10 | Microstructure dependence of magnetic properties on electrochemically produced ternary CuCoNi alloys. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2014</b> , 25, 4483-4488  | 2.1 | 1 |
| 9  | Improvement of the saturation magnetization of PEG coated superparamagnetic iron oxide nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2022</b> , 551, 169140   | 2.8 | 1 |
| 8  | Parametric Characterizations of Sputtered Fe/Al Multilayer Thin Films. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2020</b> , 33, 463-472   | 1.5 | 1 |
| 7  | Novel debittering process of green table olives: application of Eglucosidase bound onto superparamagnetic nanoparticles. <i>CYTA - Journal of Food</i> , <b>2018</b> , 16, 840-847   | 2.3 | 1 |
| 6  | Single crystal martensitic phase of structural properties-related magnetic behaviour of FeCrNi thin films: in-plane magnetic anisotropy under different substrate rotation speeds. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2020</b> , 31, 12823-12829   | 2.1 | 0 |
| 5  | Easy Controlled Properties of Quaternary FeNiCrCd Thin Films Deposited from a Single dc Magnetron Sputtering Under the Influence of Deposition Rate. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2019</b> , 32, 3535-3540   | 1.5 | 0 |

- 4 Improvement of the saturation magnetisation using Plackett-Burman design and response surface methodology: superparamagnetic iron oxide nanoparticles synthesised by co-precipitation under nitrogen atmosphere. *Journal of Materials Science: Materials in Electronics*, **2021**, 32, 13673-13684 2.1 ○
- 3 Investigation of soft magnetic properties of Ni/Cu multilayer films: Definitive screening design and response surface methodology. *Journal of Materials Science: Materials in Electronics*, **2021**, 32, 20955-20964 2.1 ○
- 2 Parametric characterizations in superparamagnetic latex. *Bulletin of Materials Science*, **2014**, 37, 389-396 1.7
- 1 Magnetic properties affected by structural properties of sputtered Ni/Cu multilayer films with different thicknesses of Ni layers. *Korean Journal of Chemical Engineering*, 1 2.8