Mihail Ipatov

List of Publications by Citations

262 papers	3,685 citations	31 h-index	46 g-index
290 ext. papers	4,330 ext. citations	2.8 avg, IF	5.53 L-index

#	Paper	IF	Citations
262	Thin magnetically soft wires for magnetic microsensors. *Sensors*, **2009**, 9, 9216-40	3.8	131
261	Highly sensitive magnetometer based on the off-diagonal GMI effect in Co-rich glass-coated microwire. *Physica Status Solidi (A) Applications and Materials Science*, **2014**, 211, 980-985	1.6	82
260	Low-field hysteresis in the magnetoimpedance of amorphous microwires. *Physical Review B*, **2010**, 81,	3.3	78
259	Co-based magnetic microwire and field-tunable multifunctional macro-composites. *Journal of Non-Crystalline Solids*, **2009**, 355, 1380-1386	3.9	74
258	Giant magnetoimpedance in thin amorphous wires: From manipulation of magnetic field dependence to industrial applications. *Journal of Alloys and Compounds*, **2014**, 586, S279-S286	5.7	73
257	Manipulation of domain wall dynamics in amorphous microwires through the magnetoelastic anisotropy. *Nanoscale Research Letters*, **2012**, 7, 223	5	70
256	Trends in optimization of giant magnetoimpedance effect in amorphous and nanocrystalline materials. *Journal of Alloys and Compounds*, **2017**, 727, 887-901	5.7	66
255	Magnetic properties and magnetocaloric effect in Heusler-type glass-coated NiMnGa microwires. *Journal of Alloys and Compounds*, **2013**, 575, 73-79	5.7	64
254	Effect of transverse magnetic field on domain wall propagation in magnetically bistable glass-coated amorphous microwires. *Journal of Applied Physics*, **2009**, 106, 113914	2.5	61
253	Tailoring of magnetic properties and GMI effect of Co-rich amorphous microwires by heat treatment. *Journal of Alloys and Compounds*, **2014**, 615, 610-615	5.7	60
252	Magnetostriction of Co-Fe-Based Amorphous Soft Magnetic Microwires. *Journal of Electronic Materials*, **2016**, 45, 226-234	1.9	59
251	Domain wall propagation in micrometric wires: Limits of single domain wall regime. *Journal of Applied Physics*, **2012**, 111, 07E311	2.5	59
250	Exceptional electromagnetic interference shielding properties of ferromagnetic microwires enabled polymer composites. *Journal of Applied Physics*, **2010**, 108, 044510	2.5	59
249	Fast magnetic domain wall in magnetic microwires. *Physical Review B*, **2006**, 74,	3.3	58
248	Manipulation of magnetic properties of glass-coated microwires by annealing. *Journal of Magnetism and Magnetic Materials*, **2015**, 383, 232-236	2.8	56
247	Ground state magnetization distribution and characteristic width of head to head domain wall in Fe-rich amorphous microwire. *Physica Status Solidi (A) Applications and Materials Science*, **2009**, 206, 613-617	1.6	56
246	Mechanisms of the ultrafast magnetization switching in bistable amorphous microwires. *Journal of Applied Physics*, **2009**, 106, 103902	2.5	56

245	Tailoring the High-Frequency Giant Magnetoimpedance Effect of Amorphous Co-Rich Microwires. *IEEE Magnetics Letters*, **2015**, 6, 1-4	1.6	54
244	Tailoring of magnetoimpedance effect and magnetic softness of Fe-rich glass-coated microwires by stress- annealing. *Scientific Reports*, **2018**, 8, 3202	4.9	50
243	Magnetoimpedance sensitive to dc bias current in amorphous microwires. *Applied Physics Letters*, **2010**, 97, 252507	3.4	50
242	Correlation of Crystalline Structure with Magnetic and Transport Properties of Glass-Coated Microwires. *Crystals*, **2017**, 7, 41	2.3	49
241	Engineering of magnetic softness and giant magnetoimpedance effect in Fe-rich microwires by stress-annealing. *Scripta Materialia*, **2018**, 142, 10-14	5.6	47
240	Domain wall propagation in Fe-rich amorphous microwires. *Physica B: Condensed Matter*, **2012**, 407, 1442-1445	2.8	45
239	Local nucleation fields of Fe-rich microwires and their dependence on applied stresses. *Physica B: Condensed Matter*, **2008**, 403, 379-381	2.8	44
238	Advances in Giant Magnetoimpedance of Materials. *Handbook of Magnetic Materials*, **2015**, 24, 139-236	1.3	43
237	Novel magnetic microwires-embedded composites for structural health monitoring applications. *Journal of Applied Physics*, **2010**, 107, 09A314	2.5	41
236	Magnetic field effects in artificial dielectrics with arrays of magnetic wires at microwaves. *Journal of Applied Physics*, **2011**, 109, 053901	2.5	40
235	Fe-based ferromagnetic microwires enabled meta-composites. *Applied Physics Letters*, **2013**, 103, 251902	3.4	37
234	Recent advances in studies of magnetically soft amorphous microwires. *Journal of Magnetism and Magnetic Materials*, **2009**, 321, 822-825	2.8	37
233	Effect of stress annealing on magnetic properties and GMI effect of Co- and Fe-rich microwires. *Journal of Alloys and Compounds*, **2017**, 707, 189-194	5.7	34
232	Correlation of surface domain structure and magneto-impedance in amorphous microwires. *Journal of Applied Physics*, **2011**, 109, 113924	2.5	34
231	Optimization of the giant magnetoimpedance effect of Finemet-type microwires through the nanocrystallization. *Journal of Applied Physics*, **2014**, 115, 17A313	2.5	31
230	Engineering of magnetic properties of Co-rich microwires by joule heating. *Intermetallics*, **2019**, 105, 92-98	3.5	31
229	Giant magnetoimpedance in rapidly quenched materials. *Journal of Alloys and Compounds*, **2020**, 814, 152225	5.7	31
228	Grading the magnetic anisotropy and engineering the domain wall dynamics in Fe-rich microwires by stress-annealing. *Acta Materialia*, **2018**, 155, 279-285	8.4	30

227	Fast magnetization switching in Fe-rich amorphous microwires: Effect of magnetoelastic anisotropy and role of defects. *Journal of Alloys and Compounds*, **2014**, 586, S287-S290	5.7	27
226	Tailoring of domain wall dynamics in amorphous microwires by annealing. *Journal of Applied Physics* , **2013**, 113, 17A318	2.5	27
225	Effect of tensile stresses on GMI of Co-rich amorphous microwires. *IEEE Transactions on Magnetics*, **2005**, 41, 3688-3690	2	27
224	Effect of annealing on magnetic properties and magnetostriction coefficient of Fe□Ni-based amorphous microwires. *Journal of Alloys and Compounds*, **2015**, 651, 718-723	5.7	26
223	AC-current-induced magnetization switching in amorphous microwires. *Frontiers of Physics*, **2018**, 13, 1	3.7	26
222	Engineering of magnetic properties and GMI effect in Co-rich amorphous microwires. *Journal of Alloys and Compounds*, **2016**, 664, 235-241	5.7	26
221	Development of Magnetic Microwires for Magnetic Sensor Applications. *Sensors*, **2019**, 19,	3.8	26
220	Magnetic and transport properties of granular and Heusler-type glass-coated microwires. *Journal of Magnetism and Magnetic Materials*, **2012**, 324, 3558-3562	2.8	26
219	Microwave metamaterials with ferromagnetic microwires. *Applied Physics A: Materials Science and Processing*, **2011**, 103, 653-657	2.6	26
218	Metacomposite characteristics and their influential factors of polymer composites containing orthogonal ferromagnetic microwire arrays. *Journal of Applied Physics*, **2014**, 115, 173909	2.5	25
217	Soft magnetic microwires for sensor applications. *Journal of Magnetism and Magnetic Materials*, **2020**, 498, 166180	2.8	25
216	Effects of wire properties on the field-tunable behaviour of continuous-microwire composites. *Sensors and Actuators A: Physical*, **2012**, 178, 118-125	3.9	24
215	Smart composites with embedded magnetic microwire inclusions allowing non-contact stresses and temperature monitoring. *Composites Part A: Applied Science and Manufacturing*, **2019**, 120, 12-20	8.4	23
214	Studies of Interfacial Layer and Its Effect on Magnetic Properties of Glass-Coated Microwires. *Journal of Electronic Materials*, **2016**, 45, 2381-2387	1.9	23
213	Engineering of Magnetic Softness and Domain Wall Dynamics of Fe-rich Amorphous Microwires by Stress- induced Magnetic Anisotropy. *Scientific Reports*, **2019**, 9, 12427	4.9	22
212	The defects influence on domain wall propagation in bistable glass-coated microwires. *Physica B: Condensed Matter*, **2012**, 407, 1446-1449	2.8	22
211	Manipulation of domain wall dynamics in amorphous microwires through domain wall collision. *Journal of Applied Physics*, **2013**, 114, 043910	2.5	22
210	Effect of Nanocrystallization on Magnetic Properties and GMI Effect of Fe-rich Microwires. *Journal of Electronic Materials*, **2014**, 43, 4540-4547	1.9	22

209	Off-diagonal magneto-impedance in amorphous microwires with diameter 6–10 μm and application to linear magnetic sensors. *Physica Status Solidi (A) Applications and Materials Science*, **2008**, 205, 1779-1782	1.6	22
208	Studies of magnetic properties of thin microwires with low Curie temperature. *Journal of Magnetism and Magnetic Materials*, **2006**, 300, 16-23	2.8	22
207	Fast Magnetization Switching in Thin Wires: Magnetoelastic and Defects Contributions. *Sensor Letters*, **2013**, 11, 170-176	0.9	22
206	Magnetoimpedance hysteresis in amorphous microwires induced by core–shell interaction. *Applied Physics Letters*, **2014**, 105, 122401	3.4	21
205	Tailoring of Magnetic Properties of Magnetostatically-Coupled Glass-Covered Magnetic Microwires. *Journal of Superconductivity and Novel Magnetism*, **2011**, 24, 541-547	1.5	21
204	Current controlled switching of impedance in magnetic conductor with tilted anisotropy easy axis and its applications. *Scientific Reports*, **2016**, 6, 36180	4.9	20
203	Influence of the defects on magnetic properties of glass-coated microwires. *Journal of Applied Physics*, **2014**, 115, 17A305	2.5	20
202	Development of ultra-thin glass-coated amorphous microwires for HF magnetic sensor applications. *Physica Status Solidi (A) Applications and Materials Science*, **2008**, 205, 1367-1372	1.6	19
201	Engineering of Magnetic Softness and Magnetoimpedance in Fe-Rich Microwires by Nanocrystallization. *Jom*, **2016**, 68, 1563-1571	2.1	19
200	Microwires enabled metacomposites towards microwave applications. *Journal of Magnetism and Magnetic Materials*, **2016**, 416, 299-308	2.8	19
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198	Effect of nanocrystallization on giant magnetoimpedance effect of Fe-based microwires. *Intermetallics*, **2014**, 51, 59-63	3.5	18
197	Studies of magnetic properties and giant magnetoimpedance effect in ultrathin magnetically soft amorphous microwires. *Journal of Applied Physics*, **2008**, 103, 07E714	2.5	18
196	Development of thin microwires with low Curie temperature for temperature sensors applications. *Sensors and Actuators B: Chemical*, **2007**, 126, 318-323	8.5	18
195	Magnetoelastic contribution in domain wall dynamics of amorphous microwires. *Physica B: Condensed Matter*, **2012**, 407, 1450-1454	2.8	17
194	Manipulating the magnetoimpedance by dc bias current in amorphous microwire. *Journal of Magnetism and Magnetic Materials*, **2012**, 324, 4078-4083	2.8	17
193	Stress tunable properties of ferromagnetic microwires and their multifunctional composites. *Journal of Applied Physics*, **2011**, 109, 07A310	2.5	17
192	Stress dependence of the magnetic properties of glass-coated amorphous microwires. *Journal of Alloys and Compounds*, **2019**, 789, 201-208	5.7	16

191	Optimization of magnetic properties and GMI effect of Thin Co-rich Microwires for GMI Microsensors. *Sensors*, **2020**, 20,	3.8	16
190	Magnetic and structural properties of glass-coated Heusler-type microwires exhibiting martensitic transformation. *Scientific Reports*, **2018**, 8, 621	4.9	16
189	Magnetoresistive and magnetocaloric response of manganite/insulator system. *Journal of Alloys and Compounds*, **2016**, 657, 495-505	5.7	16
188	Engineering of domain wall dynamics in amorphous microwires by annealing. *Journal of Alloys and Compounds*, **2017**, 707, 35-40	5.7	16
187	Novel Fe-based amorphous and nanocrystalline powder cores for high-frequency power conversion. *Journal of Magnetism and Magnetic Materials*, **2020**, 501, 166457	2.8	15
186	Route of magnetoimpedance and domain walls dynamics optimization in Co-based microwires. *Journal of Alloys and Compounds*, **2020**, 830, 154576	5.7	15
185	Tailoring of magnetic properties of Heusler-type glass-coated microwires by annealing. *Journal of Alloys and Compounds*, **2018**, 732, 561-566	5.7	15
184	Magnetic properties of Ni-Mn-In-Co Heusler-type glass-coated microwires. *Journal of Applied Physics*, **2014**, 115, 17A939	2.5	15
183	Tuning of Magnetic Properties and GMI Effect of Co-Based Amorphous Microwires by Annealing. *Journal of Electronic Materials*, **2014**, 43, 4532-4539	1.9	15
182	From Manipulation of Giant Magnetoimpedance in Thin Wires to Industrial Applications. *Journal of Superconductivity and Novel Magnetism*, **2013**, 26, 1045-1054	1.5	15
181	Development of Thin Microwires With Enhanced Magnetic Softness and GMI. *IEEE Transactions on Magnetics*, **2008**, 44, 3958-3961	2	15
180	Domain wall propagation in Fe-rich microwires. *Physica B: Condensed Matter*, **2008**, 403, 382-385	2.8	15
179	Engineering of magnetic properties and magnetoimpedance effect in Fe-rich microwires by reversible and irreversible stress-annealing anisotropy. *Journal of Alloys and Compounds*, **2021**, 855, 157460	5.7	15
178	Expanding the longitudinal magnetoimpedance sensor range by direct bias current. *Journal of Applied Physics*, **2013**, 113, 203902	2.5	14
177	Magnetoimpedance dependence on width in Co66.5Fe3.5Si12.0B18.0 amorphous alloy ribbons. *Journal of Applied Physics*, **2013**, 113, 053905	2.5	14
176	. *IEEE Transactions on Magnetics*, **2011**, 47, 4481-4484	2	14
175	Effect of stress-induced anisotropy on high frequency magnetoimpedance effect of Fe and Co-rich glass-coated microwires. *Journal of Alloys and Compounds*, **2018**, 735, 1818-1825	5.7	13
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173	Magnetostatic interaction of glass-coated magnetic microwires. *Journal of Applied Physics*, **2010**, 108, 016103	2.5	13
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171	Annealing effect on the crystal structure and exchange bias in Heusler Ni45.5Mn43.0In11.5 alloy ribbons. *Journal of Alloys and Compounds*, **2014**, 582, 588-593	5.7	12
170	Review of Domain Wall Dynamics Engineering in Magnetic Microwires. *Nanomaterials*, **2020**, 10,	5.4	12
169	The effect of annealing on magnetic properties of □thick□microwires. *Journal of Alloys and Compounds*, **2020**, 831, 150992	5.7	12
168	Structural and magnetic properties of amorphous and nanocrystalline Fe□Si□B□P□Nb□Cu alloys produced by gas atomization. *Journal of Alloys and Compounds*, **2019**, 810, 151754	5.7	11
167	Optimization of Magnetic Properties and Giant Magnetoimpedance Effect in Nanocrystalline Microwires. *Journal of Superconductivity and Novel Magnetism*, **2015**, 28, 813-822	1.5	11
166	Effect of cobalt doping on martensitic transformations and the magnetic properties of Ni50□CoxMn37Sn13 (x□= 1, 2, 3) Heusler ribbons. *Journal of Alloys and Compounds*, **2018**, 739, 305-310	5.7	11
165	Annealing temperature effect on magnetic and magnetocaloric properties of manganites. *Journal of Alloys and Compounds*, **2016**, 665, 394-403	5.7	11
164	Magnetic properties and domain wall propagation in FeNiSiB glass-coated microwires. *Journal of Applied Physics*, **2014**, 115, 17A309	2.5	11
163	High frequency magnetoimpedance response of stress annealed Co66.3Fe3.7Si12.0B18.0 amorphous alloy ribbons. *Journal of Applied Physics*, **2013**, 114, 023904	2.5	11
162	Effect of Interaction on Giant Magnetoimpedance Effect in a System of Few Thin Wires. *Sensor Letters*, **2007**, 5, 10-12	0.9	11
161	Effect of annealing on magnetic properties and structure of Fe-Ni based magnetic microwires. *Journal of Magnetism and Magnetic Materials*, **2017**, 433, 278-284	2.8	10
160	Effect of annealing on magnetic properties of nanocrystalline Hitperm-type glass-coated microwires. *Journal of Alloys and Compounds*, **2016**, 660, 297-303	5.7	10
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158	Tunable effective permittivity of composites based on ferromagnetic microwires with high magneto-impedance effect. *Applied Physics A: Materials Science and Processing*, **2011**, 103, 693-697	2.6	10
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156	Optimization of Soft Magnetic Properties in Nanocrystalline Fe-Rich Glass-Coated Microwires. *Jom*, **2015**, 67, 2108-2116	2.1	9

155	Routes for optimization of giant magnetoimpedance effect in magnetic microwires. *IEEE Instrumentation and Measurement Magazine*, **2020**, 23, 56-63	1.4	9
154	Optimization of high frequency magnetoimpedance effect of Fe-rich microwires by stress-annealing. *Intermetallics*, **2018**, 94, 92-98	3.5	9
153	Simultaneous Detection of Giant Magnetoimpedance and Fast Domain Wall Propagation in Co-Based Glass-Coated Microwires. *IEEE Magnetics Letters*, **2016**, 7, 1-4	1.6	9
152	Preparation and Characterization of Fe-Pt and Fe-Pt-(B, Si) Microwires. *IEEE Magnetics Letters*, **2016**, 7, 1-4	1.6	9
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150	Studies of High-Frequency Giant Magnetoimpedance Effect in Co-Rich Amorphous Microwires. *IEEE Transactions on Magnetics*, **2015**, 51, 1-4	2	9
149	Role of Defects on Domain Wall Propagation in Magnetically Bistable Glass-Covered Microwires. *Journal of Superconductivity and Novel Magnetism*, **2011**, 24, 851-854	1.5	9
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144	Grain size refinement in nanocrystalline Hitperm-type glass-coated microwires. *Journal of Magnetism and Magnetic Materials*, **2016**, 406, 15-21	2.8	8
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140	Electronic Surveillance and Security Applications of Magnetic Microwires. *Chemosensors*, **2021**, 9, 100	4	8
139	Engineering of the GMR Effect in CuCo Microwires with Granular Structure. *Journal of Electronic Materials*, **2016**, 45, 2401-2406	1.9	8
138	Magnetoimpedance Response and Field Sensitivity in Stress-Annealed Co-Based Microwires for Sensor Applications. *Sensors*, **2020**, 20,	3.8	7

137	Magnetic Properties of NdFeB Alloys Obtained by Gas Atomization Technique. *IEEE Transactions on Magnetics*, **2018**, 54, 1-5	2	7
136	Magnetoelastic Effects and Distribution of Defects in Micrometric Amorphous Wires. *IEEE Transactions on Magnetics*, **2012**, 48, 1324-1326	2	7
135	Microwave Metamaterials Containing Magnetically Soft Microwires. *Materials Research Society Symposia Proceedings*, **2011**, 1312, 1		7
134	Spectral properties of electromotive force induced by periodic magnetization reversal of arrays of coupled magnetic glass-covered microwires. *Journal of Applied Physics*, **2012**, 111, 07E735	2.5	7
133	Magnetization processes in thin magnetic wires. *Journal of Magnetism and Magnetic Materials*, **2006** , 300, e305-e310	2.8	7
132	Excellent magnetic properties of (Fe0.7Co0.3)83.7Si4B8P3.6Cu0.7 ribbons and microwires. *Intermetallics*, **2020**, 117, 106660	3.5	7
131	Surface magnetic properties and giant magnetoimpedance effect in Co-based amorphous ribbons. *Intermetallics*, **2017**, 86, 15-19	3.5	6
130	Magnetic properties, martensitic and magnetostructural transformations of ferromagnetic NiMnSnCu shape memory alloys. *Applied Physics A: Materials Science and Processing*, **2020**, 126, 1	2.6	6
129	Stress-Induced Magnetic Anisotropy Enabling Engineering of Magnetic Softness and GMI Effect of Amorphous Microwires. *Applied Sciences (Switzerland)*, **2020**, 10, 981	2.6	6
128	Controlling the domain wall dynamics in Fe-, Ni- and Co-based magnetic microwires. *Journal of Alloys and Compounds*, **2020**, 834, 155170	5.7	6
127	Giant magnetoimpedance in thin amorphous and nanocrystalline microwires. *Applied Physics A: Materials Science and Processing*, **2014**, 115, 547-553	2.6	6
126	Magnetic Properties of Heusler-Type NiMnGa Glass-Coated Microwires. *IEEE Transactions on Magnetics*, **2015**, 51, 1-4	2	6
125	Fast Magnetization Switching in Amorphous Microwires. *Acta Physica Polonica A*, **2014**, 126, 7-11	0.6	6
124	Studies of the Defects Influence on Magnetic Properties of Glass-Coated Microwires. *IEEE Transactions on Magnetics*, **2014**, 50, 1-4	2	6
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118	Optimization of GMI Effect and Magnetic Properties of Co-Rich Microwires by Joule Heating. *IEEE Transactions on Magnetics*, **2019**, 55, 1-4	2	6
117	Magnetic hardening of Fe-Pt and Fe-Pt- M (M=B, Si) microwires. *Journal of Alloys and Compounds*, **2018**, 735, 1071-1078	5.7	6
116	Processing magnetic microwires for magnetic bistability and magnetoimpedance **2015**, 225-274		5
115	Induced Giant Magnetoimpedance Effect by Current Annealing in Ultra Thin Co-Based Amorphous Ribbons. *IEEE Transactions on Magnetics*, **2013**, 49, 1009-1012	2	5
114	Left-handed metacomposites containing carbon fibers and ferromagnetic microwires. *AIP Advances*, **2017**, 7, 056110	1.5	5
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111	Microwave Metamaterials Containing Magnetically Soft Microwires. *Advances in Science and Technology*, **2010**, 75, 224-229	0.1	5
110	Nanostructure and magnetic properties of Ni-substituted finemet ribbons. *Journal of Magnetism and Magnetic Materials*, **2007**, 316, e74-e77	2.8	5
109	Magnetic behavior and microstructure of Finemet-type ribbons in both, surface and bulk. *Journal of Non-Crystalline Solids*, **2007**, 353, 777-781	3.9	5
108	Engineering of domain wall propagation in magnetic microwires with graded magnetic anisotropy. *Applied Materials Today*, **2021**, 26, 101263	6.6	5
107	Martensitic transformation, magnetic and magnetocaloric properties of Ni$_{50}$Mn$_{36.5}$Sn$_{13.5}$ Heusler ribbons. *Journal of Materials Research and Technology*, **2021**, 12, 1091-1103	5.5	5
106	Annealing Influence on the Exchange-Bias and Magnetostructural Properties in the Ni50.0Mn36.5Sn13.5 Ribbon-Shape Alloy. *Solid State Phenomena*, **2015**, 233-234, 179-182	0.4	4
105	Stress-induced magnetic anisotropy enabling engineering of magnetic softness of Fe-rich amorphous microwires. *Journal of Magnetism and Magnetic Materials*, **2020**, 510, 166939	2.8	4
104	Engineering of Magnetic Properties of Co- and Fe-Rich Microwires. *IEEE Transactions on Magnetics*, **2018**, 54, 1-7	2	4
103	Tuning of Magnetic Properties of Ni$_{50}$Mn$_{34}$In$_{16}$ Glass-Coated Microwires. *IEEE Transactions on Magnetics*, **2018**, 54, 1-4	2	4
102	Estimation of the frequency and magnetic field dependence of the skin depth in Co-rich magnetic microwires from GMI experiments. *Journal of Science: Advanced Materials and Devices*, **2016**, 1, 388-392	4.2	4

101	Heusler Alloy Ribbons: Structure, Martensitic Transformation, Magnetic Transitions, and Exchange Bias Effect. *Springer Series in Materials Science*, **2016**, 83-114	0.9	4
100	GMR effect and Kondo-like behaviour in Co-Cu microwires. *Journal of Alloys and Compounds*, **2017**, 695, 976-980	5.7	4
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98	Domain Wall Propagation in Co-Based Glass-Coated Microwires: Effect of Stress Annealing and Tensile Applied Stresses. *IEEE Transactions on Magnetics*, **2014**, 50, 1-4	2	4
97	Magnetoelastic contribution in domain wall propagation of micrometric wires. *Journal of Nanoscience and Nanotechnology*, **2012**, 12, 7582-6	1.3	4
96	Tuneable Composites Containing Magnetic Microwires **2011**,		4
95	Studies of thin microwires with enhanced magnetic softness and GMI effect. *Physica Status Solidi (A) Applications and Materials Science*, **2009**, 206, 674-678	1.6	4
94	Giant magneto-impedance effect of thin magnetic wires at elevated frequencies. *Journal of Applied Physics*, **2012**, 111, 07E512	2.5	4
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