

Liang Zuo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8603748/publications.pdf>

Version: 2024-02-01

211
papers

4,315
citations

87723

38
h-index

174990

52
g-index

211
all docs

211
docs citations

211
times ranked

2229
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Improvement of microstructure and fatigue performance of wire-arc additive manufactured 4043 aluminum alloy assisted by interlayer friction stir processing. <i>Journal of Materials Science and Technology</i> , 2023, 133, 183-194. | 5.6 | 36 |
| 2 | Effects of Co and Si co-doping on magnetostructural transformation and magnetocaloric effect in Ni-Mn-Sn based alloys. <i>Journal of Alloys and Compounds</i> , 2022, 892, 162190. | 2.8 | 16 |
| 3 | Observation of magnetic domain evolution in constrained epitaxial Ni ²⁺ Mn ²⁺ Ga thin films on MgO(0 0 1) substrate. <i>Journal of Materials Science and Technology</i> , 2022, 102, 56-65. | 5.6 | 5 |
| 4 | Highly sensitive elastocaloric response in a directionally solidified Ni ₅₀ Mn ₃₃ In _{15.5} Cu _{1.5} alloy with strong $\langle 001 \rangle$A preferred orientation. <i>Intermetallics</i> , 2022, 140, 107379. | 1.8 | 17 |
| 5 | Shear banding-induced ϵ -phase slip enables unprecedented strength-ductility combination of laminated metallic composites. <i>Journal of Materials Science and Technology</i> , 2022, 110, 260-268. | 5.6 | 9 |
| 6 | Neighbor-Affected Orientation Rotation in the Grain Boundary Region. <i>Materials</i> , 2022, 15, 1059. | 1.3 | 2 |
| 7 | Characterization and Calculation of the Dynamic Recrystallization Texture in Fe-3.0 Wt.% Si Alloy. <i>Materials</i> , 2022, 15, 517. | 1.3 | 1 |
| 8 | Formation mechanism of nano-sized δ - and γ -structures in δ phase in ECP treated Cu-40Zn alloy. <i>Materials and Design</i> , 2022, 214, 110410. | 3.3 | 0 |
| 9 | Secondary Recrystallization Texture and Magnetostriction in Fe-Ga Alloy Ultra-Thin Sheet. <i>IEEE Transactions on Magnetics</i> , 2022, 58, 1-6. | 1.2 | 1 |
| 10 | Unconventional twin deformation of Ni-Mn-Ga 7M martensite under tension mediated by the collective lattice reorientation from a-c twin to b-c twin. <i>Acta Materialia</i> , 2022, 227, 117729. | 3.8 | 8 |
| 11 | Texture Evolution by Strain-Induced Boundary Migration during Hot Deformation of Fe-3.0 wt.% Si Alloy: Experiment and Modeling. <i>Metals</i> , 2022, 12, 360. | 1.0 | 0 |
| 12 | Revealing essence of magnetostructural coupling of Ni-Co-Mn-Ti alloys by first-principles calculations and experimental verification. <i>Rare Metals</i> , 2022, 41, 1933-1947. | 3.6 | 18 |
| 13 | Crystallography and Microstructure of 7M Martensite in Ni-Mn-Ga Thin Films Epitaxially Grown on (1 1) Tj ETQq1 1 0,784314 JgBT /Ov | 1.3 | 0 |
| 14 | Enhanced Magnetostrain in a $\langle 001 \rangle$-Textured Ni _{44.5} Co _{4.9} Mn _{37.5} In _{13.1} Alloy through Superelastic Training. <i>Materials</i> , 2022, 15, 2072. | 1.3 | 1 |
| 15 | Enhanced elastocaloric effect and refrigeration properties in a Si-doped Ni-Mn-In shape memory alloy. <i>Journal of Materials Science and Technology</i> , 2022, 117, 167-173. | 5.6 | 8 |
| 16 | Giant Elastocaloric Effect in Ni-Mn-Ga-Based Alloys Boosted by a Large Lattice Volume Change upon the Martensitic Transformation. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 1505-1518. | 4.0 | 18 |
| 17 | Simultaneously realized large low-temperature magnetocaloric effect and good mechanical properties in Ni ₃₆ Co ₁₃ Mn ₃₅ Ti ₁₆ alloy. <i>Journal of Applied Physics</i> , 2022, 131, . | 1.1 | 3 |
| 18 | Occupation preferences and impacts of interstitial H, C, N, and O on magnetism and phase stability of Ni ₂ MnGa magnetic shape memory alloys by first-principles calculations. <i>Journal of Applied Physics</i> , 2022, 131, 205101. | 1.1 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Enhanced elastocaloric effect and specific adiabatic temperature variation in Ni-Mn-In-Si-Cu shape memory alloys. <i>Journal of Alloys and Compounds</i> , 2022, 920, 165955. | 2.8 | 5 |
| 20 | Magnetocaloric performance optimized by simple compression in directionally solidified Ni ₅₀ Mn ₁₈ Cu ₇ Ga ₂₅ alloy. <i>Journal of Alloys and Compounds</i> , 2022, , 166001. | 2.8 | 1 |
| 21 | Unraveling the Phase Stability and Physical Property of Modulated Martensite in Ni ₂ Mn _{1.5} In _{0.5} Alloys by First-Principles Calculations. <i>Materials</i> , 2022, 15, 4032. | 1.3 | 1 |
| 22 | Machine-learning-assisted discovery of empirical rule for inherent brittleness of full Heusler alloys. <i>Journal of Materials Science and Technology</i> , 2022, 131, 1-13. | 5.6 | 9 |
| 23 | Electronic origin of the main-group element dependences of elastic moduli in the Ni ₂ Mn-based magnetic shape memory alloys. <i>Journal of Physics and Chemistry of Solids</i> , 2021, 148, 109671. | 1.9 | 8 |
| 24 | First-principles investigation of B2 partial disordered structure, martensitic transformation, elastic and magnetic properties of all-d-metal Ni-Mn-Ti Heusler alloys. <i>Journal of Materials Science and Technology</i> , 2021, 68, 103-111. | 5.6 | 31 |
| 25 | Impact of B alloying on ductility and phase transition in the Ni-Mn-based magnetic shape memory alloys: Insights from first-principles calculation. <i>Journal of Materials Science and Technology</i> , 2021, 74, 27-34. | 5.6 | 25 |
| 26 | Excellent mechanical properties and large magnetocaloric effect of spark plasma sintered Ni-Mn-In-Co alloy. <i>Journal of Materials Science and Technology</i> , 2021, 74, 46-51. | 5.6 | 26 |
| 27 | Micromechanical behavior of multilayered Ti/Nb composites processed by accumulative roll bonding: An in-situ synchrotron X-ray diffraction investigation. <i>Acta Materialia</i> , 2021, 205, 116546. | 3.8 | 56 |
| 28 | Determination of strain path during martensitic transformation in materials with two possible transformation orientation relationships from variant self-organization. <i>Acta Materialia</i> , 2021, 202, 112-123. | 3.8 | 10 |
| 29 | Giant reversible magnetoresistance effect in a Ni ₄₆ Co ₃ Mn ₃₅ Cu ₂ In ₁₄ polycrystalline alloy. <i>AIP Advances</i> , 2021, 11, 015244. | 0.6 | 1 |
| 30 | Phase Formation and Microstructure Evolution of Al-5Si-0.8Mg Alloys with Different Mn Concentrations. <i>Metals</i> , 2021, 11, 308. | 1.0 | 4 |
| 31 | Formation of Phases and Microstructures in Al-8Si Alloys with Different Mg Content. <i>Materials</i> , 2021, 14, 762. | 1.3 | 3 |
| 32 | Secondary recrystallization behavior in magnetostrictive Fe-Ga thin sheets induced by nano-sized composite precipitates. <i>AIP Advances</i> , 2021, 11, . | 0.6 | 6 |
| 33 | A strategy of optimizing magnetism and hysteresis simultaneously in Ni-Mn-based metamagnetic shape memory alloys. <i>Intermetallics</i> , 2021, 130, 107063. | 1.8 | 8 |
| 34 | Large elastocaloric effect in a Heusler-type Co ₅₀ V ₃₅ Ga ₁₄ Ni ₁ polycrystalline alloy. <i>Applied Physics Letters</i> , 2021, 118, . | 1.5 | 14 |
| 35 | Enhancing the elastocaloric effect in Ni-Mn-Ga alloys through the coupling of magnetic transition and two-step structural transformation. <i>Applied Physics Letters</i> , 2021, 118, . | 1.5 | 13 |
| 36 | Thermal deformation behavior and microstructure evolution of modified IN617 alloy with different initial states. <i>Journal of Iron and Steel Research International</i> , 2021, 28, 1315-1328. | 1.4 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Rapid Secondary Recrystallization of the Goss Texture in Fe ₈₁ Ga ₁₉ Sheets Using Nanosized NbC Particles. <i>Materials</i> , 2021, 14, 3818. | 1.3 | 6 |
| 38 | Large magnetocaloric effect and excellent mechanical properties near room temperature in Ni-Co-Mn-Ti non-textured polycrystalline alloys. <i>Applied Physics Letters</i> , 2021, 119, . | 1.5 | 22 |
| 39 | Giant low-field actuated caloric effects in a textured Ni ₄₃ Mn ₄₇ Sn ₁₀ alloy. <i>Scripta Materialia</i> , 2021, 201, 113947. | 2.6 | 30 |
| 40 | Revealing the role of site occupation in phase stability, magnetic and electronic properties of Ni-Mn-In alloys by ab initio approach. <i>Journal of Materials Science and Technology</i> , 2021, 83, 90-101. | 5.6 | 8 |
| 41 | Large Low-Field Reversible Magnetocaloric Effect in Itinerant-Electron Hf _{1-x} TaxFe ₂ Alloys. <i>Materials</i> , 2021, 14, 5233. | 1.3 | 4 |
| 42 | Complete Goss Secondary Recrystallization by Control of the Grain Size and Texture of Primary Recrystallization in Grain-Oriented Silicon Steel. <i>Materials</i> , 2021, 14, 5383. | 1.3 | 7 |
| 43 | 5M and 7M martensitic stability and associated physical properties in Ni ₅₀ Mn ₃₅ In ₁₅ alloy: first-principles calculations and experimental verification. <i>Scripta Materialia</i> , 2021, 204, 114140. | 2.6 | 4 |
| 44 | Giant magnetoresistance, magnetostrain and magnetocaloric effects in a Cu-doped$\text{Ni}_{45}\text{Co}_5\text{Mn}_{36}\text{In}_{13.2}\text{Cu}_{0.8}$ polycrystalline alloy. <i>Journal of Alloys and Compounds</i> , 2021, 889, 161652. | 2.8 | 13 |
| 45 | Enhanced electromagnetic wave absorption properties of Ni ₂ MnGa microparticles due to continuous dual-absorption peaks. <i>Journal of Alloys and Compounds</i> , 2020, 816, 152588. | 2.8 | 4 |
| 46 | Giant elastocaloric effect in a Mn-rich Ni ₄₄ Mn ₄₆ Sn ₁₀ directionally solidified alloy. <i>Applied Physics Letters</i> , 2020, 116, . | 1.5 | 25 |
| 47 | Large magnetic entropy change and magnetostrain in a directionally solidified Ni _{45.7} Co _{4.2} Mn _{37.3} Sb _{12.8} alloy. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 500, 166379. | 1.0 | 8 |
| 48 | Ab-initio revelation on the origins of Ti substitution for Ga, Mn and Ni on ferromagnetism, phase stability and elastic properties in Ni ₂ MnGa. <i>Journal of Alloys and Compounds</i> , 2020, 821, 153481. | 2.8 | 27 |
| 49 | Crossing twin of Ni-Mn-Ga 7M martensite induced by thermo-mechanical treatment. <i>Acta Materialia</i> , 2020, 185, 28-37. | 3.8 | 17 |
| 50 | Phase stability, magnetic and elastic properties of Co ₂ NiGa alloy: A first-principles calculation. <i>Materials Today Communications</i> , 2020, 22, 100810. | 0.9 | 7 |
| 51 | Enhanced cyclability of elastocaloric effect in a directionally solidified Ni ₅₅ Mn ₁₈ Ga ₂₆ Ti ₁ alloy with low hysteresis. <i>Scripta Materialia</i> , 2020, 189, 78-83. | 2.6 | 28 |
| 52 | Phase transformation and magnetocaloric effect of Co-doped Mn-Ni-In melt-spun ribbons. <i>Journal of Applied Physics</i> , 2020, 128, 055110. | 1.1 | 3 |
| 53 | Unraveling the abnormal dependence of phase stability on valence electron concentration in Ni-Mn-based metamagnetic shape memory alloys. <i>Journal of Applied Physics</i> , 2020, 128, . | 1.1 | 4 |
| 54 | Large refrigeration capacity in a Ni ₄₈ Co ₁ Mn ₃₇ In ₁₄ polycrystalline alloy with low thermal hysteresis. <i>Intermetallics</i> , 2020, 125, 106888. | 1.8 | 23 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Oriented stability and its application in texture control. Philosophical Magazine, 2020, 100, 3092-3107. | 0.7 | 2 |
| 56 | Ab initio-based investigation of phase transition path and magnetism of Ni _{1-x} Mn _x In alloys with excess Ni or Mn. Acta Materialia, 2020, 195, 109-122. | 3.8 | 20 |
| 57 | Investigation on vibrational, electronic excitation entropy and magnetic moment contributions to phase stability of off-stoichiometric Ni ₅₀ Mn _x In _{50-x} alloys at finite temperatures by first-principle calculations. Journal Physics D: Applied Physics, 2020, 53, 405003. | 1.3 | 0 |
| 58 | First-principles investigation of Mg substitution for Ga on martensitic transformation, magnetism and electronic structures in Ni ₂ MnGa. Journal of Alloys and Compounds, 2020, 843, 156049. | 2.8 | 10 |
| 59 | Investigation of martensitic transformation behavior in Ni-Mn-In Heusler alloy from a first-principles study. Journal of Materials Science and Technology, 2020, 58, 100-106. | 5.6 | 5 |
| 60 | Simultaneously achieved good mechanical properties and large magnetocaloric effect in spark plasma sintered Ni-Mn-In alloys. Intermetallics, 2020, 124, 106868. | 1.8 | 7 |
| 61 | Investigation on the preference of the martensitic structure in off-stoichiometric Ni-Mn-In alloys by first-principle calculations. Journal of Magnetism and Magnetic Materials, 2020, 514, 167194. | 1.0 | 2 |
| 62 | Over 2% magnetic-field-induced strain in a polycrystalline Ni ₅₀ Mn _{28.5} Ga _{21.5} alloy prepared by directional solidification. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 780, 139170. | 2.6 | 21 |
| 63 | Probing martensitic transformation, kinetics, elastic and magnetic properties of Ni ₂ -Mn _{1.5} In _{0.5} Co alloys. Journal of Materials Science and Technology, 2020, 44, 31-41. | 5.6 | 21 |
| 64 | The calculation of magnetic domain and magnetostriction in stressed grain-oriented silicon steel. Journal of Applied Physics, 2020, 127, . | 1.1 | 2 |
| 65 | Achieving a broad refrigeration temperature region through the combination of successive caloric effects in a multiferroic Ni ₅₀ Mn ₃₅ In ₁₅ alloy. Acta Materialia, 2020, 192, 52-59. | 3.8 | 75 |
| 66 | Large magnetocaloric effects in Co-doped Mn _{1-x} Ni _x GeSi alloys. Journal of Alloys and Compounds, 2020, 835, 155313. | 2.8 | 12 |
| 67 | Recrystallization texture development in rare-earth (RE)-doped non-oriented silicon steel. Journal of Iron and Steel Research International, 2020, 27, 1339-1346. | 1.4 | 12 |
| 68 | A multielement alloying strategy to improve elastocaloric and mechanical properties in Ni _{1-x} Mn _x -based alloys via copper and boron. Scripta Materialia, 2020, 185, 94-99. | 2.6 | 36 |
| 69 | Understanding the magneto-structural coupling of Ni ₅₀ Mn _{35.4} In _{14.6} alloy from first-principles calculations. Journal of Magnetism and Magnetic Materials, 2019, 488, 165339. | 1.0 | 9 |
| 70 | Prediction of the Work-Hardening Exponent for 3104 Aluminum Sheets with Different Grain Sizes. Materials, 2019, 12, 2368. | 1.3 | 6 |
| 71 | Effect of Co doping on martensitic transformation and magnetic properties of Ni ₅₀ Mn _{35.4} In _{14.6} alloy by first-principles calculations. Journal of Alloys and Compounds, 2019, 804, 111-118. | 2.8 | 9 |
| 72 | Influence of austenite ferromagnetism on the elastocaloric effect in a Ni _{44.9} Co _{4.9} Mn _{36.9} In _{13.3} metamagnetic shape memory alloy. Applied Physics Letters, 2019, 115, . | 1.5 | 28 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Correlation between microstructure and martensitic transformation, mechanical properties and elastocaloric effect in Ni-Mn-based alloys. <i>Intermetallics</i> , 2019, 113, 106579. | 1.8 | 52 |
| 74 | Secondary recrystallization induced by composite precipitates in magnetostrictive Fe-Ga alloy thin sheet. <i>Journal of Physics: Conference Series</i> , 2019, 1270, 012004. | 0.3 | 1 |
| 75 | Giant elastocaloric effect and exceptional mechanical properties in an all-d-metal Ni-Mn-Ti alloy: Experimental and ab-initio studies. <i>Materials and Design</i> , 2019, 184, 108180. | 3.3 | 74 |
| 76 | Correlative effect of critical parameters for $\hat{\Gamma}$ recrystallization texture development in rolled Fe ₈₁ Ga ₁₉ sheet: Modeling and experiment. <i>Acta Materialia</i> , 2019, 167, 167-180. | 3.8 | 23 |
| 77 | Tuning the Reversible Magnetocaloric Effect in Ni-Mn-In-Based Alloys through Co and Cu Co-Doping. <i>Advanced Electronic Materials</i> , 2019, 5, 1800845. | 2.6 | 60 |
| 78 | Deformation of Ni-Mn-Ga 7M modulated martensite through detwinning/twinning and forward/reverse intermartensitic transformation studied by in-situ neutron diffraction and interrupted in-situ EBSD. <i>Acta Materialia</i> , 2019, 174, 319-331. | 3.8 | 15 |
| 79 | Development of Through-Thickness Cube Recrystallization Texture in Non-oriented Electrical Steels by Optimizing Nucleation Environment. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2019, 50, 2486-2494. | 1.1 | 10 |
| 80 | Sharp secondary recrystallization and large magnetostriction in Fe ₈₁ Ga ₁₉ sheet induced by composite nanometer-sized inhibitors. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 478, 109-115. | 1.0 | 18 |
| 81 | Secondary Recrystallization Goss Texture Development in a Binary Fe ₈₁ Ga ₁₉ Sheet Induced by Inherent Grain Boundary Mobility. <i>Metals</i> , 2019, 9, 1254. | 1.0 | 5 |
| 82 | Complete martensitic transformation sequence and magnetic properties of non-stoichiometric Ni ₂ Mn _{1.2} Ga _{0.8} alloy by first-principles calculations. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 473, 360-364. | 1.0 | 22 |
| 83 | Large elastocaloric effect driven by stress-induced two-step structural transformation in a directionally solidified Ni ₅₅ Mn ₁₈ Ga ₂₇ alloy. <i>Scripta Materialia</i> , 2019, 163, 116-120. | 2.6 | 64 |
| 84 | Microstructural and textural evolutions in multilayered Ti/Cu composites processed by accumulative roll bonding. <i>Journal of Materials Science and Technology</i> , 2019, 35, 1165-1174. | 5.6 | 42 |
| 85 | Large elastocaloric effect in a polycrystalline Ni _{45.7} Co _{4.2} Mn _{37.3} Sb _{12.8} alloy with low transformation strain. <i>Scripta Materialia</i> , 2019, 162, 486-491. | 2.6 | 61 |
| 86 | Giant low-field magnetocaloric effect in Si alloyed Ni-Co-Mn-In alloys. <i>Scripta Materialia</i> , 2019, 159, 113-118. | 2.6 | 72 |
| 87 | Crystallographic insights into diamond-shaped 7M martensite in Ni-Mn-Ga ferromagnetic shape-memory alloys. <i>IUCrj</i> , 2019, 6, 909-920. | 1.0 | 16 |
| 88 | Crystal defect associated selection of phase transformation orientation relationships (ORs). <i>Acta Materialia</i> , 2018, 152, 315-326. | 3.8 | 12 |
| 89 | Large magnetoresistance in a directionally solidified Ni _{44.5} Co _{5.1} Mn _{37.1} In _{13.3} magnetic shape memory alloy. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 452, 249-252. | 1.0 | 30 |
| 90 | Crystallography of Martensitic Transformation in Epitaxial Ni ₅₀ Mn ₃₀ Ga ₂₀ Thin Film. <i>Advanced Engineering Materials</i> , 2018, 20, 1700171. | 1.6 | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 91 | Microstructural and Crystallographic Insights in a Martensite/Austenite Dual Phase Ni-Mn-Sb Alloy. <i>Advanced Engineering Materials</i> , 2018, 20, 1700221. | 1.6 | 0 |
| 92 | Plastic deformation of Ni-Mn-Ga 7M modulated martensite by twinning & detwinning and intermartensitic transformation. <i>International Journal of Plasticity</i> , 2018, 100, 1-13. | 4.1 | 19 |
| 93 | Heat-treatment induced defect formation in \pm -Al matrix in Sr-modified eutectic Al-Si alloy. <i>Journal of Alloys and Compounds</i> , 2018, 730, 208-218. | 2.8 | 34 |
| 94 | Characterization of the kinetic arrest of martensitic transformation in Ni ₄₅ Co ₅ Mn _{36.8} In _{13.2} melt-spun ribbons. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 446, 253-259. | 1.0 | 6 |
| 95 | Large low-field magnetocaloric effect in directionally solidified Ni ₅₅ Mn _{18+x} Ga _{27-x} (x = 0, 1, 2) alloys. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 445, 71-76. | 1.0 | 14 |
| 96 | Influence of Ultrafine-Grained Layer on Gaseous Nitriding of Large-Sized Titanium Plate. <i>Advanced Engineering Materials</i> , 2018, 20, 1700455. | 1.6 | 2 |
| 97 | Microstructure evolution of Al-15% Si alloy during hot rolling. <i>Philosophical Magazine Letters</i> , 2018, 98, 456-463. | 0.5 | 0 |
| 98 | Phase transition and magnetocaloric properties of Mn ₅₀ Ni _{42-x} Co _x Sn ₈ (0 ≤ x ≤ 10) melt-spun ribbons. <i>IUCr</i> , 2018, 5, 54-66. | 1.0 | 78 |
| 99 | Microstructure and properties of nitrided layer of titanium plate, produced by simultaneous laser quenching and liquid-nitrogen cryogenics. <i>Science China Technological Sciences</i> , 2018, 61, 1901-1906. | 2.0 | 2 |
| 100 | Study of the Portevin-Le Chatelier (PLC) Characteristics of a 5083 Aluminum Alloy Sheet in Two Heat Treatment States. <i>Materials</i> , 2018, 11, 1533. | 1.3 | 17 |
| 101 | Significant high-frequency electromagnetic wave absorption performance of Ni _{2+x} Mn _{1-x} Ga alloys. <i>Journal of Materials Science</i> , 2018, 53, 11779-11790. | 1.7 | 17 |
| 102 | Correlation between crystallographic and microstructural features and low hysteresis behavior in Ni _{50.0} Mn _{35.25} In _{14.75} melt-spun ribbons. <i>Journal of Alloys and Compounds</i> , 2018, 767, 544-551. | 2.8 | 11 |
| 103 | Giant low-field magnetocaloric effect in a textured Ni _{45.3} Co _{5.1} Mn _{36.1} In _{13.5} alloy. <i>Scripta Materialia</i> , 2018, 151, 61-65. | 2.6 | 47 |
| 104 | Large room temperature adiabatic temperature variation in a Ni ₄₀ Co ₈ Mn ₄₂ Sn ₁₀ polycrystalline alloy. <i>Intermetallics</i> , 2018, 100, 57-62. | 1.8 | 35 |
| 105 | Transformation process dependent magnetocaloric properties of annealed Ni ₅₀ Mn ₁₈ Cu ₇ Ga ₂₅ ribbons. <i>Journal of Alloys and Compounds</i> , 2017, 698, 731-738. | 2.8 | 8 |
| 106 | Magnetostructural transformation and magnetocaloric effect in Mn-Ni-Sn melt-spun ribbons. <i>European Physical Journal Plus</i> , 2017, 132, 1. | 1.2 | 8 |
| 107 | Large low-field magnetocaloric effect in a directionally solidified Ni ₅₀ Mn ₁₈ Cu ₇ Ga ₂₅ alloy. <i>Intermetallics</i> , 2017, 88, 31-35. | 1.8 | 14 |
| 108 | Combined caloric effects in a multiferroic Ni-Mn-Ga alloy with broad refrigeration temperature region. <i>APL Materials</i> , 2017, 5, . | 2.2 | 53 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | Large-scale Synthesis of Nanostructured Nitride Layer on Ti Plate Using Mechanical Shot Peening and Low-temperature Nitriding. <i>Advanced Engineering Materials</i> , 2017, 19, 1700157. | 1.6 | 9 |
| 110 | Crystallographic features of the martensitic transformation and their impact on variant organization in the intermetallic compound Ni ₅₀ Mn ₃₈ Sb ₁₂ studied by SEM/EBSD. <i>IUCr</i> , 2017, 4, 700-709. | 1.0 | 13 |
| 111 | Crystallographic Characterization on Polycrystalline Ni-Mn-Ga Alloys with Strong Preferred Orientation. <i>Materials</i> , 2017, 10, 463. | 1.3 | 20 |
| 112 | Microstructural Feature and Magnetocaloric Effect of Mn ₅₀ Ni _{40.5} In _{9.5} Melt-Spun Ribbons. <i>Crystals</i> , 2017, 7, 289. | 1.0 | 1 |
| 113 | Crystal structure of modulated martensite and crystallographic correlations between martensite variants of Ni ₅₀ Mn ₃₈ Sn ₁₂ alloy. <i>Journal of Applied Crystallography</i> , 2016, 49, 1276-1283. | 1.9 | 13 |
| 114 | Phosphor doping enhanced c-axis alignment and exchange decoupling of sputtered Co-Pt perpendicular thin films. <i>Journal of Applied Physics</i> , 2016, 119, 145304. | 1.1 | 2 |
| 115 | Secondary recrystallization and magnetostriction in binary Fe ₈₁ Ga ₁₉ thin sheets. <i>Journal of Applied Physics</i> , 2016, 119, . | 1.1 | 16 |
| 116 | Variant organization and mechanical detwinning of modulated martensite in Ni-Mn-In metamagnetic shape-memory alloys. <i>Acta Materialia</i> , 2016, 111, 75-84. | 3.8 | 25 |
| 117 | Texture inheritance from austenite to 7 M martensite in Ni-Mn-Ga melt-spun ribbons. <i>Results in Physics</i> , 2016, 6, 428-433. | 2.0 | 10 |
| 118 | Crystallographic insights into Ni-Co-Mn-In metamagnetic shape memory alloys. <i>Journal of Applied Crystallography</i> , 2016, 49, 1585-1592. | 1.9 | 18 |
| 119 | Sharp Goss texture and magnetostriction in binary Fe ₈₁ Ga ₁₉ sheets. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 417, 321-326. | 1.0 | 15 |
| 120 | Crystallographic correlation between 5M and 7M martensite in an Ni-Mn-Ga alloy. <i>Journal of Applied Crystallography</i> , 2016, 49, 507-512. | 1.9 | 0 |
| 121 | Crystal structure and crystallographic characteristics of martensite in Ni ₅₀ Mn ₃₈ Sb ₁₂ alloys. <i>Journal of Applied Crystallography</i> , 2016, 49, 513-519. | 1.9 | 6 |
| 122 | Recrystallization Texture Transition in Fe-2.1Wt%Pct Si Steel by Different Cold Rolling Reduction. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2016, 47, 5777-5782. | 1.1 | 5 |
| 123 | Effect of compressive load on the martensitic transformation from austenite to 5M martensite in a polycrystalline Ni-Mn-Ga alloy studied by in-situ neutron diffraction. <i>Journal of Alloys and Compounds</i> , 2016, 666, 1-9. | 2.8 | 11 |
| 124 | Texture and Microstructure for Magnetic Properties of Two-Stage Cold-Rolled Fe-6.5 Wt Pct Si Thin Sheets. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2016, 47, 5771-5776. | 1.1 | 9 |
| 125 | Thermal and magnetic field-induced martensitic transformation in Ni ₅₀ Mn ₂₅ Ga ₂₅ Cu _x (0 ≤ x ≤ 1) melt-spun ribbons. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 025002. | 1.8 | 18 |
| 126 | Microstructural evolution associated with martensitic transformation in Ni-Mn-Ga alloy. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015, 82, 012087. | 0.3 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | Insight into variant selection of seven-layer modulated martensite in Ni-Mn-Ga thin films grown on MgO(0 0 1) substrate. <i>Acta Materialia</i> , 2015, 93, 205-217. | 3.8 | 15 |
| 128 | Magnetic-Field-Induced Isothermal Entropy Change Across the Magnetostructural Transition in Ni-Mn-Ga Melt-Spun Ribbons. <i>IEEE Transactions on Magnetics</i> , 2015, 51, 1-4. | 1.2 | 0 |
| 129 | Crystal structure determination of incommensurate modulated martensite in Ni-Mn-In Heusler alloys. <i>Acta Materialia</i> , 2015, 88, 375-388. | 3.8 | 83 |
| 130 | Twin-controlled growth of eutectic Si in unmodified and Sr-modified Al-12.7%Si alloys investigated by SEM/EBSD. <i>Acta Materialia</i> , 2015, 97, 338-347. | 3.8 | 94 |
| 131 | Composition-dependent structural and magnetic properties of Ni-Mn-Ga alloys studied by ab initio calculations. <i>Journal of Materials Science</i> , 2015, 50, 3825-3834. | 1.7 | 16 |
| 132 | Magnetic field-induced isothermal entropy change across the magnetostructural transition in Ni-Mn-Ga melt-spun ribbons. , 2015, , . | | 0 |
| 133 | Effects of Intercritical Annealing Temperature on Mechanical Properties of Fe-7.9Mn-0.14Si-0.05Al-0.07C Steel. <i>Materials</i> , 2014, 7, 7891-7906. | 1.3 | 54 |
| 134 | <i>in-situ</i> neutron diffraction study of martensitic variant redistribution in polycrystalline Ni-Mn-Ga alloy under cyclic thermo-mechanical treatment. <i>Applied Physics Letters</i> , 2014, 105, . | 1.5 | 9 |
| 135 | Texture and Magnetic Properties of Rolled Fe-6.5wt.%Si Thin Sheets. <i>Journal of Electronic Materials</i> , 2014, 43, 121-125. | 1.0 | 12 |
| 136 | Formation of Cube and Goss Texture After Primary Recrystallization in Electrical Steels. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2014, 45, 134-138. | 1.1 | 9 |
| 137 | Development of Strong $\hat{\Gamma}$ -Fiber Recrystallization Texture in Rolled Fe ₈₁ Ga ₁₉ Thin Sheet. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2014, 45, 129-133. | 1.1 | 10 |
| 138 | Giant magnetocaloric effect in melt-spun Ni-Mn-Ga ribbons with magneto-multistructural transformation. <i>Applied Physics Letters</i> , 2014, 104, 044101. | 1.5 | 96 |
| 139 | Effects of Post-Weld Heat Treatment on Microstructure and Mechanical Properties of Al-12.7Si-0.7Mg Alloy Welded Joints by GMAW. <i>Acta Metallurgica Sinica (English Letters)</i> , 2014, 27, 245-252. | 1.5 | 4 |
| 140 | Composition dependent phase stability of Ni-Mn-Ga alloys studied by ab initio calculations. <i>Journal of Alloys and Compounds</i> , 2014, 614, 126-130. | 2.8 | 13 |
| 141 | Goss Texture Evolution of Grain Oriented Silicon Steel by High-Energy X-ray Diffraction. <i>Acta Metallurgica Sinica (English Letters)</i> , 2014, 27, 530-533. | 1.5 | 2 |
| 142 | Heat Treatment of Centrifugally Cast High-Vanadium Alloy Steel for High-Pressure Grinding Roller. <i>Acta Metallurgica Sinica (English Letters)</i> , 2014, 27, 430-435. | 1.5 | 9 |
| 143 | Crystallographic insights into the intermartensitic transformation in Ni-Mn-Ga alloys. <i>Acta Materialia</i> , 2014, 74, 9-17. | 3.8 | 41 |
| 144 | Strong cube recrystallization texture in silicon steel by twin-roll casting process. <i>Acta Materialia</i> , 2014, 76, 106-117. | 3.8 | 145 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 145 | First-principles investigation of magnetic property and defect formation energy in Ni-Mn-Ga ferromagnetic shape memory alloy. <i>International Journal of Quantum Chemistry</i> , 2013, 113, 847-851. | 1.0 | 10 |
| 146 | Microstructural features and orientation correlations of non-modulated martensite in Ni-Mn-Ga epitaxial thin films. <i>Acta Materialia</i> , 2013, 61, 6809-6820. | 3.8 | 34 |
| 147 | Composition-dependent ground state of martensite in Ni-Mn-Ga alloys. <i>Acta Materialia</i> , 2013, 61, 3858-3865. | 3.8 | 45 |
| 148 | Defect formation energy and magnetic properties of off-stoichiometric Ni-Mn-In alloys by first-principles calculations. <i>Journal of Applied Physics</i> , 2013, 113, . | 1.1 | 12 |
| 149 | Low-temperature plasma nitriding of titanium layer on Ti/Al clad sheet. <i>Materials & Design</i> , 2013, 47, 408-415. | 5.1 | 52 |
| 150 | Oscillation of the magnetic moment in modulated martensites in Ni ₂ MnGa studied by <i>ab initio</i> calculations. <i>Applied Physics Letters</i> , 2012, 100, . | 1.5 | 26 |
| 151 | Microstructure and magnetocaloric effect of melt-spun Ni ₅₂ Mn ₂₆ Ga ₂₂ ribbon. <i>Applied Physics Letters</i> , 2012, 100, . | 1.5 | 45 |
| 152 | First-principles investigations of crystallographic, magnetic, and electronic structures in Ni ₂ XIn (X = Mn, Fe, and Co). <i>Journal of Applied Physics</i> , 2012, 112, 114901. | 1.1 | 20 |
| 153 | Evidence for a monoclinic incommensurate superstructure in modulated martensite. <i>Acta Materialia</i> , 2012, 60, 6982-6990. | 3.8 | 38 |
| 154 | Plastic Deformation in an Amorphous Ni-P Coating. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2012, 43, 1610-1620. | 1.1 | 14 |
| 155 | Development of strong {001} \sim 210 texture and magnetic properties in Fe-6.5wt.%Si thin sheet produced by rolling method. <i>Journal of Applied Physics</i> , 2011, 109, . | 1.1 | 9 |
| 156 | Effect of a High Magnetic Field on Carbon Diffusion in γ -Iron. <i>Materials Transactions</i> , 2011, 52, 139-141. | 0.4 | 15 |
| 157 | Development of {2 1 0} \sim 0 1 recrystallization texture in Fe-6.5 wt.% Si thin sheets. <i>Scripta Materialia</i> , 2011, 65, 292-295. | 2.6 | 58 |
| 158 | Microstructural and crystallographic characteristics of interpenetrating and non-interpenetrating multiply twinned nanostructure in a Ni-Mn-Ga ferromagnetic shape memory alloy. <i>Acta Materialia</i> , 2011, 59, 7070-7081. | 3.8 | 54 |
| 159 | Determination of the orientation relationship between austenite and incommensurate 7M modulated martensite in Ni-Mn-Ga alloys. <i>Acta Materialia</i> , 2011, 59, 2762-2772. | 3.8 | 61 |
| 160 | Twin relationships of 5M modulated martensite in Ni-Mn-Ga alloy. <i>Acta Materialia</i> , 2011, 59, 3390-3397. | 3.8 | 72 |
| 161 | Flexible Bamboo-Structured NiCoMnIn Microfibers with Magnetic-Field-Induced Reverse Martensite Transformation. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2011, 42, 3581-3584. | 1.1 | 2 |
| 162 | A method to identify dislocations in a known crystal structure by transmission electron microscopy. <i>Journal of Applied Crystallography</i> , 2011, 44, 1164-1168. | 1.9 | 14 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 163 | Determination of the orientation relationship between austenite and 5M modulated martensite in Ni-Mn-Ga alloys. Journal of Applied Crystallography, 2011, 44, 1222-1226. | 1.9 | 13 |
| 164 | Effect of Magnetic Field Intensity on Microstructure and Orientation of Proeutectoid Ferrite in Fe-0.76%C Alloy. Steel Research International, 2011, 82, 761-765. | 1.0 | 0 |
| 165 | Influence of a High Magnetic Field on the Solubility of Ferrite and the Amount of Pearlite. Steel Research International, 2011, 82, 836-838. | 1.0 | 6 |
| 166 | Effects of Magnetic Field Annealing on Carburizing in Pure Iron. Steel Research International, 2011, 82, 1404-1407. | 1.0 | 5 |
| 167 | Abnormal ϵ/α -dependence of TM and large inverse magnetocaloric effect in Ni ₄₉ xCu _x Mn ₃₉ Sb ₁₂ alloys. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2011, 176, 621-625. | 1.7 | 33 |
| 168 | Crystallographic, magnetic, and electronic structures of ferromagnetic shape memory alloys Ni ₂ XGa (X=Mn,Fe,Co) from first-principles calculations. Journal of Applied Physics, 2011, 109, 014908. | 1.1 | 54 |
| 169 | The effects of alloying element Co on Ni-Mn-Ga ferromagnetic shape memory alloys from first-principles calculations. Applied Physics Letters, 2011, 98, . | 1.5 | 47 |
| 170 | Texturation of Ni-Co-Mn-In Ribbons by Melt Spinning. Advanced Engineering Materials, 2010, 12, 1024-1028. | 1.6 | 13 |
| 171 | Low Temperature Deformation Detwinning—A Reverse Mode of Twinning. Advanced Engineering Materials, 2010, 12, 906-911. | 1.6 | 21 |
| 172 | New approach to twin interfaces of modulated martensite. Journal of Applied Crystallography, 2010, 43, 617-622. | 1.9 | 48 |
| 173 | A general method to determine twinning elements. Journal of Applied Crystallography, 2010, 43, 1426-1430. | 1.9 | 57 |
| 174 | Effects of Magnetic Field Direction on ϵ -fiber Texture Evolution in Cold-rolled Interstitial-free Steel Sheet during Annealing. Steel Research International, 2010, 81, 394-397. | 1.0 | 2 |
| 175 | Effect of Cooling Rate on the Microstructure of Proeutectoid Ferrite under a High Magnetic Field in Fe-0.52C. Steel Research International, 2010, 81, 1121-1124. | 1.0 | 1 |
| 176 | Strain-induced dimensionality crossover and associated pseudoelasticity in the premartensitic phase of Ni ₂ MnGa. Applied Physics Letters, 2010, 97, 171905. | 1.5 | 12 |
| 177 | Control of iron nitride formation by a high magnetic field. Journal of Materials Research, 2010, 25, 2082-2085. | 1.2 | 7 |
| 178 | Enhanced Catalytic Activity of Pt Nanomaterials: From Monodisperse Nanoparticles to Self-Organized Nanoparticle-Linked Nanowires. Journal of Physical Chemistry C, 2010, 114, 6909-6913. | 1.5 | 70 |
| 179 | STUDY ON THE STRAIN HARDENING BEHAVIOR OF Al-Mg-Si-Cu ALLOY SHEET FOR AUTOMOTIVE BODY. Jinshu Xuebao/Acta Metallurgica Sinica, 2010, 46, 613-617. | 0.3 | 3 |
| 180 | Development of high density magnetic recording media for hard disk drives: materials science issues and challenges. International Materials Reviews, 2009, 54, 157-179. | 9.4 | 32 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 181 | Solidification microstructure and temperature field during direct chill casting of Al-16Si alloy. Transactions of the Indian Institute of Metals, 2009, 62, 347-351. | 0.7 | 10 |
| 182 | Effect of phosphorus modification on the microstructure and mechanical properties of DC cast Al-17.5Si-4.5Cu-1Zn-0.7Mg-0.5Ni alloy. Transactions of the Indian Institute of Metals, 2009, 62, 367-371. | 0.7 | 12 |
| 183 | Capping Groups Induced Size and Shape Evolution of Magnetite Particles Under Hydrothermal Condition and their Magnetic Properties. Journal of the American Ceramic Society, 2009, 92, 631-635. | 1.9 | 22 |
| 184 | DETERMINATION OF CRYSTAL STRUCTURE AND CRYSTALLOGRAPHIC CHARACTERISTICS IN Ni-Mn-Ga FERROMAGNETIC SHAPE MEMORY ALLOYS. International Journal of Modern Physics B, 2009, 23, 1771-1776. | 1.0 | 0 |
| 185 | Effects of high magnetic field strength and direction on pearlite formation in Fe-0.12%C steel. Journal of Materials Science, 2008, 43, 6105-6108. | 1.7 | 17 |
| 186 | New Sequences of Phase Transition in Ni-Mn-Ga Ferromagnetic Shape Memory Nanoparticles. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2008, 39, 466-469. | 1.1 | 22 |
| 187 | In situ high-energy X-ray studies of magnetic-field-induced phase transition in a ferromagnetic shape memory Ni-Co-Mn-In alloy. Acta Materialia, 2008, 56, 913-923. | 3.8 | 42 |
| 188 | Martensitic and magnetic transformation in Ni-Mn-Ga-Co ferromagnetic shape memory alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2008, 473, 213-218. | 2.6 | 53 |
| 189 | A Facile and Template-Free Method to Prepare Mesoporous Gold Sponge and Its Pore Size Control. Journal of Physical Chemistry C, 2008, 112, 10352-10358. | 1.5 | 50 |
| 190 | Direct evidence of detwinning in polycrystalline Ni-Mn-Ga ferromagnetic shape memory alloys during deformation. Journal of Applied Physics, 2008, 104, 103519. | 1.1 | 9 |
| 191 | Experimental evidence of stress-field-induced selection of variants in Ni-Mn-Ga ferromagnetic shape-memory alloys. Physical Review B, 2007, 75, . | 1.1 | 15 |
| 192 | Direct evidence on magnetic-field-induced phase transition in a NiCoMnIn ferromagnetic shape memory alloy under a stress field. Applied Physics Letters, 2007, 90, 101917. | 1.5 | 34 |
| 193 | Experiment and theoretical prediction of martensitic transformation crystallography in a Ni-Mn-Ga ferromagnetic shape memory alloy. Acta Materialia, 2007, 55, 4731-4740. | 3.8 | 57 |
| 194 | Indirect two-trace method to determine a faceted low-energy interface between two crystallographically correlated crystals. Journal of Applied Crystallography, 2007, 40, 436-440. | 1.9 | 42 |
| 195 | Strengthening mechanism of load sharing of particulate reinforcements in a metal matrix composite. Journal of Materials Science, 2007, 42, 4215-4226. | 1.7 | 46 |
| 196 | Determination of microstructure and twinning relationship between martensitic variants in Ni ₂₅ Mn ₂₂ Ga ferromagnetic shape memory alloy. Journal of Applied Crystallography, 2006, 39, 723-727. | | 45 |
| 197 | Tracing Memory in Polycrystalline Ferromagnetic Shape-Memory Alloys. Advanced Materials, 2006, 18, 2392-2396. | 11.1 | 32 |
| 198 | Grain-to-Grain Stress Interactions in an Electrodeposited Iron Coating. Advanced Materials, 2005, 17, 1221-1226. | 11.1 | 17 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 199 | Some theoretical and computational aspects in grain boundaries and triple lines. Journal of Materials Science, 2005, 40, 841-845. | 1.7 | 1 |
| 200 | The effects of thermal processing in a magnetic field on grain boundary characters of ferrite in a medium carbon steel. Journal of Materials Science, 2005, 40, 903-908. | 1.7 | 17 |
| 201 | Crystal structures and textures of hot forged Ni ₄₈ Mn ₃₀ Ga ₂₂ alloy investigated by neutron diffraction technique. Materials Science and Technology, 2005, 21, 1412-1416. | 0.8 | 22 |
| 202 | Crystal structure and phase transformation in Ni ₅₃ Mn ₂₅ Ga ₂₂ shape memory alloy from 20K to 473K. Applied Physics Letters, 2005, 87, 111906. | 1.5 | 44 |
| 203 | Effects of a High Magnetic Field on Microstructure and Texture Evolution in a Cold-rolled Interstitial-Free (IF) Steel Sheet during Annealing. Advanced Engineering Materials, 2003, 5, 579-583. | 1.6 | 43 |
| 204 | Microstructural Characteristics by EBSD and ECC in ECAE Processed Pure Cu Samples. Advanced Engineering Materials, 2003, 5, 593-597. | 1.6 | 1 |
| 205 | Computer simulation on the tendency of intergranular fracture in textured polycrystalline materials. Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties, 2002, 82, 2499-2510. | 0.8 | 16 |
| 206 | Application of EBSD to the Crystallographic Investigation on Ni-Mn-Ga Alloys. Materials Science Forum, 0, 706-709, 1879-1884. | 0.3 | 1 |
| 207 | Preparing high purity $\text{Ti}_{3}\text{O}_{5}$ and $\text{LiTi}_{3}\text{O}_{5}$ as high-performance electromagnetic wave absorbers. Journal of Materials Chemistry C, 0, , . | 2.7 | 6 |
| 208 | Composition-Dependent of ϵ Martensite Structure and Magnetism in Cu-Alloyed Ni-Mn-In-Co by First-Principles Calculations. Acta Metallurgica Sinica (English Letters), 0, , 1. | 1.5 | 0 |
| 209 | Effects of Magnetic Field Direction on Texture Evolution in a Cold-Rolled IF Steel Sheet during High Magnetic Field Annealing. Ceramic Transactions, 0, , 435-440. | 0.1 | 1 |
| 210 | Eutectoid Point Shift and Orientation Relationships between Ferrite and Cementite in Pearlite in a High Magnetic Field. Ceramic Transactions, 0, , 380-388. | 0.1 | 0 |
| 211 | Characteristics of Recrystallization Texture of Cold-Rolled IF Steel Sheet Annealed with a Magnetic Field in the Transverse Direction. Ceramic Transactions, 0, , 389-396. | 0.1 | 0 |