

Khalil A Ziq

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Magnetic properties of praseodymium ions in Na ₂ O-Pr ₂ O ₃ -SiO ₂ glasses. Journal of Magnetism and Magnetic Materials, 2003, 260, 60-69. | 2.3 | 57 |
| 2 | Ferro-spin-glass domain model for disordered Ni-Mn. Physical Review B, 1987, 35, 1768-1775. | 3.2 | 55 |
| 3 | XPS and magnetization studies of cobalt sodium silicate glasses. Journal of Non-Crystalline Solids, 1997, 220, 267-279. | 3.1 | 50 |
| 4 | A comprehensive ionizing radiation shielding study of Fe _x Se _{0.5} Te _{0.5} alloys with various iron concentrations. Journal of Alloys and Compounds, 2021, 858, 157636. | 5.5 | 49 |
| 5 | Effect of fluorine on the phase formation and superconducting properties of Tl-1223 superconductors. Physica C: Superconductivity and Its Applications, 1999, 314, 125-132. | 1.2 | 42 |
| 6 | Structural and magnetic properties of sodium iron germanate glasses. Journal of Non-Crystalline Solids, 2000, 272, 179-190. | 3.1 | 31 |
| 7 | Assessment of radiation attenuation properties for novel alloys: An experimental approach. Radiation Physics and Chemistry, 2022, 200, 110152. | 2.8 | 26 |
| 8 | The effect of nano-alumina on structural and magnetic properties of MgB ₂ superconductors. Superconductor Science and Technology, 2007, 20, 827-831. | 3.5 | 24 |
| 9 | Magnetocaloric effect, electric, and dielectric properties of Nd _{0.6} Sr _{0.4} Mn _x Co _{1-x} O ₃ composites. Journal of Magnetism and Magnetic Materials, 2018, 457, 126-134. | 2.3 | 24 |
| 10 | Effect of fluorine on the critical current density of thallium based highT _c superconductors. Journal of Low Temperature Physics, 1996, 105, 1493-1498. | 1.4 | 18 |
| 11 | Magnetization vector measurements on a Ni-Mn spin-glass alloy. Journal of Applied Physics, 1987, 61, 3625-3627. | 2.5 | 15 |
| 12 | Rotational magnetic properties of Ni-Mn and Au-Fe spin-glass alloys. Physical Review B, 1990, 41, 4579-4586. | 3.2 | 15 |
| 13 | The behaviour of the flux flow resistance in YBCO/(Ag ₂ O) _x . Superconductor Science and Technology, 1994, 7, 99-102. | 3.5 | 12 |
| 14 | Magnetic properties of a SiO ₂ -Na ₂ O-Fe ₂ O ₃ glass and glass ceramic. Journal of Magnetism and Magnetic Materials, 1998, 189, 207-213. | 2.3 | 12 |
| 15 | Scaling of flux pinning with the thermodynamic critical field. Physical Review B, 1999, 60, 3603-3607. | 3.2 | 11 |
| 16 | Oxygen content and disorder effects on the critical current density in YBa ₂ Cu ₃ O _x . Superconductor Science and Technology, 2001, 14, 30-33. | 3.5 | 11 |
| 17 | The paramagnetic contribution in the magnetization behavior of Y _{1-x} Gd _x Ba ₂ Cu ₃ O ₇ . Physica B: Condensed Matter, 2002, 321, 320-323. | 2.7 | 11 |
| 18 | Effects of Ni substitutions on the critical behaviors in Nd _{0.6} Sr _{0.4} Mn _{1-x} Ni _x O ₃ manganite. Journal of Magnetism and Magnetic Materials, 2019, 491, 165609. | 2.3 | 11 |

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|----|--|-----|-----------|
| 19 | Elucidation of the helical spin structure of FeAs. Physical Review B, 2017, 95, . | 3.2 | 10 |
| 20 | Room temperature magnetocaloric effect in CrTe _{1-x} Sb _x alloys. Journal of Magnetism and Magnetic Materials, 2020, 514, 167171. | 2.3 | 10 |
| 21 | Isothermal anisotropy rotation in a Au-Fe spin-glass alloy. Journal of Applied Physics, 1988, 63, 4346-4348. | 2.5 | 8 |
| 22 | The Effect of Fluorine on the Phase Formation and Properties of Tl-Based Superconductors. Journal of Superconductivity and Novel Magnetism, 1998, 11, 95-96. | 0.5 | 8 |
| 23 | Magnetic Properties of FeAs Single Crystal. Journal of Superconductivity and Novel Magnetism, 2013, 26, 1185-1188. | 1.8 | 8 |
| 24 | Non-ohmic-Vbehaviour in granular and high- superconductors. Superconductor Science and Technology, 1996, 9, 192-196. | 3.5 | 7 |
| 25 | Critical behavior of CrTe _{1-x} Sb _x ferromagnet. AIP Advances, 2018, 8, . | 1.3 | 7 |
| 26 | Effect of cobalt doping in Nd _{1-x} Sr _x Mn _{1-y} Co _y O ₃ . Journal of Physics: Conference Series, 2017, 869, 012032. | 0.4 | 6 |
| 27 | Structural, magnetic, and critical behavior of CrTe _{1-x} Sb _x alloys. European Physical Journal Plus, 2021, 136, 1. | 2.6 | 6 |
| 28 | Assessment of Fe _x Se _{0.5} Te _{0.5} alloy properties for ionizing radiation shielding applications: an experimental study. Applied Physics A: Materials Science and Processing, 2022, 128, . | 2.3 | 6 |
| 29 | Spin-glass domains in Cu-Mn. Journal of Magnetism and Magnetic Materials, 1988, 75, 149-153. | 2.3 | 5 |
| 30 | Mixed-ligand platinum and palladium complexes based on dinitrogen chelating ligands and a pyridine bearing the nitronyl nitroxide radical. Inorganic Chemistry Communication, 2007, 10, 1355-1359. | 3.9 | 5 |
| 31 | Mechanical and magnetic properties of ZnO/Fe ₂ O ₃ ceramic varistors. Superlattices and Microstructures, 2012, 52, 99-106. | 3.1 | 5 |
| 32 | Enhancement of critical current density for nano (n)-ZnO doped MgB ₂ superconductor. Physica C: Superconductivity and Its Applications, 2013, 495, 208-212. | 1.2 | 5 |
| 33 | Effect of Nano ZnO Doping on the Nature of Pinning of MgB ₂ Superconductors. Journal of Superconductivity and Novel Magnetism, 2013, 26, 1547-1552. | 1.8 | 5 |
| 34 | Characterization of the current-induced resistive spots in superconducting YBa ₂ Cu ₃ O ₇ strips. Applied Physics A: Materials Science and Processing, 2014, 117, 2033-2036. | 2.3 | 5 |
| 35 | Effects of Iron Contents on the Vortex State in Fe _x Se _{0.5} Te _{0.5} . Journal of Superconductivity and Novel Magnetism, 2018, 31, 1727-1732. | 1.8 | 5 |
| 36 | Anisotropic stress of a (Bi,Pb) ₂ Sr ₂ Ca ₂ Cu ₃ O ₁₀ high-T _c superconductor. Superconductor Science and Technology, 1994, 7, 118-120. | 3.5 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Effect of Nickel Doping on the Magnetotransport Properties of $\text{Sm}_{0.55}\text{Sr}_{0.45}\text{MnO}_3$ Manganites. Journal of Superconductivity and Novel Magnetism, 2011, 24, 319-323. | 1.8 | 4 |
| 38 | Rotational behavior and symmetry of the induced anisotropy in a Cu-Mn spin-glass alloy. Journal of Magnetism and Magnetic Materials, 1991, 98, 245-249. | 2.3 | 3 |
| 39 | On the thermodynamic critical field in MgB_2 superconductor. Journal of Alloys and Compounds, 2005, 397, 265-268. | 5.5 | 3 |
| 40 | Anisotropic changes induced by ion irradiation on Bi-based high T_c superconductors. Solid State Communications, 1993, 87, 1129-1131. | 1.9 | 2 |
| 41 | Study of metal distributions in composites. Superconductor Science and Technology, 1998, 11, 558-562. | 3.5 | 2 |
| 42 | Scaling of the flux pinning in $\text{La}_{1.45}\text{Nd}_{0.40}\text{Sr}_{0.15}\text{CuO}_4$ stripe phase superconductor. Physica B: Condensed Matter, 2002, 321, 317-319. | 2.7 | 2 |
| 43 | Effect of Mn-Site Doping with Nickel on the Electric and Magnetic Properties of $\text{Sm}_{0.55}\text{Sr}_{0.45}\text{MnO}_3$ Manganites. Journal of Superconductivity and Novel Magnetism, 2013, 26, 1445-1450. | 1.8 | 2 |
| 44 | Magnetic Properties of Some Hydrated Transition Metal Oxide and Hydroxide Nanoparticles Synthesized in Different Media. Advanced Materials Research, 2010, 123-125, 727-730. | 0.3 | 1 |
| 45 | Effects of Cu-Doping on the Magnetic State of $\text{Zn}_{0.9}\text{Fe}_{0.1}\text{Cu}_x\text{O}$. Journal of Nanoscience and Nanotechnology, 2011, 11, 2579-2582. | 0.9 | 1 |
| 46 | Coexistence of Weak and Strong Coupling Mechanism, in an Iron-Based Superconductor $\text{FeSe}_{0.5}\text{Te}_{0.5}$: Possible Signature of BCS-BEC Crossover. Journal of Superconductivity and Novel Magnetism, 2017, 30, 3183-3188. | 1.8 | 1 |
| 47 | Thermally activated flux flow in $\text{FeSe}_{0.5}\text{Te}_{0.5}$ superconducting single crystal. Journal of Physics: Conference Series, 2017, 869, 012034. | 0.4 | 1 |
| 48 | Non-ohmic-I-V behavior in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}/\text{Ag}_2\text{O}$ high T_c superconductors composite. Journal of Low Temperature Physics, 1996, 105, 1141-1146. | 1.4 | 0 |
| 49 | Residual surface stress measurements in $\text{YBa}_2\text{Cu}_3\text{O}_x$ superconductors. Applied Surface Science, 2005, 252, 916-920. | 6.1 | 0 |
| 50 | Gamma radiation effects on $\text{GdBa}_2\text{Cu}_3\text{O}_7$ high temperature superconductor. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 2975-2977. | 0.8 | 0 |
| 51 | Hydrogen effects on vortex pinning in $\text{GdBa}_2\text{Cu}_3\text{O}_7$ high temperature superconductor. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 2999-3001. | 0.8 | 0 |
| 52 | Effects of Al_2O_3 Nano-Particles on the Irreversible Properties of MgB_2 Superconductor. AIP Conference Proceedings, 2007, . . | 0.4 | 0 |
| 53 | Spin glass behavior in complexes of iron doped coordinated polymers. Journal of Non-Crystalline Solids, 2008, 354, 1386-1388. | 3.1 | 0 |
| 54 | MAGNETIC PROPERTIES Cu DOPED ZnO:Fe SEMICONDUCTORS. International Journal of Nanoscience, 2010, 09, 591-594. | 0.7 | 0 |

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|----|---|-----|-----------|
| 55 | Effect of Cr-Doping on the Magnetic State of $\text{Er}_{0.55}\text{Sr}_{0.45}\text{Mn}_{1-x}\text{Cr}_x\text{O}_3$. Journal of Superconductivity and Novel Magnetism, 2011, 24, 299-302. | 1.8 | 0 |
| 56 | On the phase diagram of $\text{CrAs}_{1-x}\text{Sb}_x$. Journal of Physics: Conference Series, 2017, 869, 012044. | 0.4 | 0 |
| 57 | The study of normalized pinning force behavior in $\text{Mg}_{1-x}\text{Ti}_x\text{B}_2$ superconductor. Indian Journal of Physics, 2020, 94, 485-491. | 1.8 | 0 |
| 58 | Fluorination of the Overdoped Tl-1223 Superconductor. , 1998, , 383-386. | | 0 |
| 59 | Evaluation of Kinetic Parameters and Thermal Stability of Melt-Quenched $\text{Bi}_x\text{Se}_{100-x}$ Alloys ($x \approx 7.5$ at%) by Non-Isothermal Thermogravimetric Analysis. Applied Microscopy, 2017, 47, 110-120. | 1.4 | 0 |