Khalil A Ziq

List of Publications by Year
in descending order

59	611	759233	642732
papers	citations	12 h-index	23 g-index

59	59	59	595
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Assessment of radiation attenuation properties for novel alloys: An experimental approach. Radiation Physics and Chemistry, 2022, 200, 110152.	2.8	26
2	Assessment of FexSe0.5Te0.5 alloy properties for ionizing radiation shielding applications: an experimental study. Applied Physics A: Materials Science and Processing, 2022, 128, .	2.3	6
3	A comprehensive ionizing radiation shielding study of FexSe0.5Te0.5 alloys with various iron concentrations. Journal of Alloys and Compounds, 2021, 858, 157636.	5.5	49
4	Structural, magnetic, and critical behavior of CrTe1-xSbx alloys. European Physical Journal Plus, 2021, 136, 1.	2.6	6
5	The study of normalized pinning force behavior in Mg1â^'xTixB2 superconductor. Indian Journal of Physics, 2020, 94, 485-491.	1.8	0
6	Room temperature magnetocaloric effect in CrTe1-xSbx alloys. Journal of Magnetism and Magnetic Materials, 2020, 514, 167171.	2.3	10
7	Effects of Ni substitutions on the critical behaviors in Nd0.6Sr0.4Mn1â^'xNixO3 manganite. Journal of Magnetism and Magnetic Materials, 2019, 491, 165609.	2.3	11
8	Magnetocaloric effect, electric, and dielectric properties of Nd0.6Sr0.4MnxCo1â^'xO3 composites. Journal of Magnetism and Magnetic Materials, 2018, 457, 126-134.	2.3	24
9	Effects of Iron Contents on the Vortex State in Fe x Se0.5Te0.5. Journal of Superconductivity and Novel Magnetism, 2018, 31, 1727-1732.	1.8	5
10	Critical behavior of CrTe1-xSbx ferromagnet. AIP Advances, 2018, 8, .	1.3	7
11	Elucidation of the helical spin structure of FeAs. Physical Review B, 2017, 95, .	3.2	10
12	Coexistence of Weak and Strong Coupling Mechanism, in an Iron-Based Superconductor FeSe 0.5 Te 0.5: Possible Signature of BCS-BEC Crossover. Journal of Superconductivity and Novel Magnetism, 2017, 30, 3183-3188.	1.8	1
13	Thermally activated flux flow in FeSe_{0.5}Te_{0.5}superconducting single crystal. Journal of Physics: Conference Series, 2017, 869, 012034.	0.4	1
14	On the phase diagram of CrAs_{1-x}Sb_x. Journal of Physics: Conference Series, 2017, 869, 012044.	0.4	0
15	Effect of cobalt doping in Nd_{1-x}Sr_xMn_{1-y}Co_yO₃. Journal of Physics: Conference Series, 2017, 869, 012032.	0.4	6
16	Evaluation of Kinetic Parameters and Thermal Stability of Melt-Quenched Bi_xSe_{100-x}Alloys (x â‰7.5 at%) by Non-Isothermal Thermogravimetric Analysis. Applied Microscopy, 2017, 47, 110-120.	1.4	0
17	Characterization of the current-induced resistive spots in superconducting $$hbox {YBa}_{2} hbox {Cu}_{3} hbox {O}_{7}$$ YBa 2 Cu 3 O 7 strips. Applied Physics A: Materials Science and Processing, 2014, 117, 2033-2036.	2.3	5
18	Effect of Mn-Site Doping with Nickel on the Electric and Magnetic Properties of Sm0.55Sr0.45MnO3 Manganites. Journal of Superconductivity and Novel Magnetism, 2013, 26, 1445-1450.	1.8	2

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19	Magnetic Properties of FeAs Single Crystal. Journal of Superconductivity and Novel Magnetism, 2013, 26, 1185-1188.	1.8	8
20	Enhancement of critical current density for nano (n)-ZnO doped MgB2 superconductor. Physica C: Superconductivity and Its Applications, 2013, 495, 208-212.	1.2	5
21	Effect of Nano ZnO Doping on the Nature of Pinning of MgB2 Superconductors. Journal of Superconductivity and Novel Magnetism, 2013, 26, 1547-1552.	1.8	5
22	Mechanical and magnetic properties of ZnO/Fe2O3 ceramic varistors. Superlattices and Microstructures, 2012, 52, 99-106.	3.1	5
23	Effects of Cu-Doping on the Magnetic State of Zn_{0.9â^'<I>x</I>}Fe_{0.1}Cu_{<I>x</I>}O. Journal of Nanoscience and Nanotechnology, 2011, 11, 2579-2582.	0.9	1
24	Effect of Cr-Doping on the Magnetic State ofÂEr0.55Sr0.45Mn1â^'x Cr x O3. Journal of Superconductivity and Novel Magnetism, 2011, 24, 299-302.	1.8	0
25	Effect of Nickel Doping on the Magnetotransport Properties ofÂSm0.55Sr0.45MnO3 Manganites. Journal of Superconductivity and Novel Magnetism, 2011, 24, 319-323.	1.8	4
26	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
27	MAGNETIC PROPERTIES Cu DOPED ZnO:Fe SEMICONDUCTORS. International Journal of Nanoscience, 2010, 09, 591-594.	0.7	0
28	Spin glass behavior in complexes of iron doped coordinated polymers. Journal of Non-Crystalline Solids, 2008, 354, 1386-1388.	3.1	0
29	Effects of Al2O3 Nano-Particles on the Irreversible Properties of MgB2 Superconductor. AIP Conference Proceedings, 2007, , .	0.4	0
30	The effect of nano-alumina on structural and magnetic properties of MgB₂superconductors. Superconductor Science and Technology, 2007, 20, 827-831.	3.5	24
31	Mixed-ligand platinum and palladium complexes based on dinitrogen chelating ligands and a pyridine bearing the nitronylnitroxide radical. Inorganic Chemistry Communication, 2007, 10, 1355-1359.	3.9	5
32	Gamma radiation effects on GdBa2Cu3O7 high temperature superconductor. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 2975-2977.	0.8	0
33	Hydrogen effects on vortex pinning in GdBa2Cu3O7 high temperature superconductor. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 2999-3001.	0.8	0
34	Residual surface stress measurements in YBa2Cu3Ox superconductors. Applied Surface Science, 2005, 252, 916-920.	6.1	0
35	On the thermodynamic critical field in MgB2 superconductor. Journal of Alloys and Compounds, 2005, 397, 265-268.	5.5	3
36	Magnetic properties of praseodymium ions in Na2Oâ€“Pr2O3â€“SiO2 glasses. Journal of Magnetism and Magnetic Materials, 2003, 260, 60-69.	2.3	57

#	ARTICLE	IF	CITATIONS
37	Scaling of the flux pinning in La1.45Nd0.40Sr0.15CuO4 stripe phase superconductor. Physica B: Condensed Matter, 2002, 321, 317-319.	2.7	2
38	The paramagnetic contribution in the magnetization behavior of Y1â˜'xGdxBa2Cu3O7. Physica B: Condensed Matter, 2002, 321, 320-323.	2.7	11
39	Oxygen content and disorder effects on the critical current density in YBa2Cu3Ox. Superconductor Science and Technology, 2001, 14, 30-33.	3.5	11
40	Structural and magnetic properties of sodium iron germanate glasses. Journal of Non-Crystalline Solids, 2000, 272, 179-190.	3.1	31
41	Scaling of flux pinning with the thermodynamic critical field. Physical Review B, 1999, 60, 3603-3607.	3.2	11
42	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
43	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
44	Magnetic properties of a SiO2â€"Na2Oâ€"Fe2O3 glass and glass ceramic. Journal of Magnetism and Magnetic Materials, 1998, 189, 207-213.	2.3	12
45	Study of metal distributions in composites. Superconductor Science and Technology, 1998, 11, 558-562.	3.5	2
46	Fluorination of the Overdoped Tl-1223 Superconductor. , 1998, , 383-386.		0
47	XPS and magnetization studies of cobalt sodium silicate glasses. Journal of Non-Crystalline Solids, 1997, 220, 267-279.	3.1	50
48	Non-ohmicI-V behavior inYBa 2Cu3O7??/Ag2O highT c superconductors composite. Journal of Low Temperature Physics, 1996, 105, 1141-1146.	1.4	0
49	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
50	Non-ohmicI-Vbehaviour in granular and high- superconductors. Superconductor Science and Technology, 1996, 9, 192-196.	3.5	7
51	Anisotropic stress of a (Bi,Pb)2Sr2Ca2Cu3O10high-Tcsuperconductor. Superconductor Science and Technology, 1994, 7, 118-120.	3.5	4
52	The behaviour of the flux flow resistance in YBCO/(Ag2O)x. Superconductor Science and Technology, 1994, 7, 99-102.	3.5	12
53	Anisotropic changes induced by ion irradiation on Bi-based high Tc superconductors. Solid State Communications, 1993, 87, 1129-1131.	1.9	2
54	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

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55	Rotational magnetic properties of Ni-Mn and Au-Fe spin-glass alloys. Physical Review B, 1990, 41, 4579-4586.	3.2	15
56	Spin-glass domains in Cu-Mn. Journal of Magnetism and Magnetic Materials, 1988, 75, 149-153.	2.3	5
57	Isothermal anisotropy rotation in a Auâ€Fe spinâ€glass alloy. Journal of Applied Physics, 1988, 63, 4346-4348.	2.5	8
58	Ferro-spin-glass domain model for disordered Ni-Mn. Physical Review B, 1987, 35, 1768-1775.	3.2	55
59	Magnetizationâ€vector measurements on a Niâ€Mn spinâ€glass alloy. Journal of Applied Physics, 1987, 61, 3625-3627.	2.5	15