## Bekir Ã-zçelik

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Drastic microstructural modification of Bi2Ca2Co2O ceramics by Na doping and laser texturing. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2022, 61, 634-640.	1.9	1
2	Low temperature thermoelectric properties of Na-substituted Bi2Ca2Co2Oy ceramics fabricated via LFZ technique. Materials Chemistry and Physics, 2022, 278, 125673.	4.0	0
3	Role of Y substitution for Ca-site on magneto-resistivity properties of Bi-2212 superconductor rods prepared by LFZ. Materials Chemistry and Physics, 2022, 282, 125995.	4.0	0
4	Investigation of nano-crystaline strontium hexaferrite magnet powder from mill scale waste by the mechanochemical synthesis: Effect of the annealing temperature. Materials Chemistry and Physics, 2022, 290, 126513.	4.0	6
5	BaTiO3/(Co0.8Ni0.1Mn0.1Fe1.9Ce0.1O4) composites: Analysis of the effect of Co0.8Ni0.1Mn0.1Fe1.9Ce0.1O4 doping at different concentrations on the structural, morphological, optical, magnetic, and magnetoelectric coupling properties of BaTiO3. Ceramics International, 2022, 48, 30499-30509.	4.8	18
6	Impact of silver addition on the superconducting performances of Bi2Sr2Ca0.925Na0.075Cu2Oy:Ag composite fibers. Journal of the European Ceramic Society, 2022, , .	5.7	0
7	Structural, optical, magnetic, photocatalytic activity and related biological effects of CoFe2O4 ferrite nanoparticles. Journal of Materials Science: Materials in Electronics, 2021, 32, 13068-13080.	2.2	26
8	Significant enhancement of superconducting performances of Bi-2212 fibers through combined sodium substitution and LFZ process. Journal of Materials Science: Materials in Electronics, 2021, 32, 17686-17699.	2.2	3
9	(BaTiO <sub>3</sub> ) <sub>1â€x</sub> + (Co <sub>0.5</sub> Ni <sub>0.5</sub> Nb <sub>0.06</sub> Fe <sub>1.94</sub> O <sub>4</sub> ) <sub>x</sub> nanocomposites: Structure, morphology, magnetic and dielectric properties. Journal of the American Ceramic Society. 2021, 104, 5648-5658.	3.8	39
10	Tuning thermoelectric properties of Bi2Ca2Co2Oy through K doping and laser floating zone processing. Solid State Sciences, 2021, 120, 106732.	3.2	2
11	Detail investigation of thermoelectric performance and magnetic properties of Cs-doped Bi2Sr2Co2Oy ceramic materials. SN Applied Sciences, 2021, 3, 1.	2.9	4
12	Effect of annealing and potassium substitution on the thermoelectric and magnetic properties of directionally grown Bi2Sr2Co2O ceramics. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2020, 59, 121-128.	1.9	3
13	Effect of Rubidium Substitution on the Physical and Superconducting Properties of Textured High-Tc BSCCO Samples. Journal of Superconductivity and Novel Magnetism, 2020, 33, 1285-1292.	1.8	6
14	A study on thermoelectric performance and magnetic properties of Ti-doped Bi2Sr2Co1.8Oy ceramic materials. Materials Chemistry and Physics, 2020, 256, 123701.	4.0	3
15	Drastic modification of low temperature thermoelectric properties of Na-doped Bi2Sr2Co2Oy ceramics prepared via laser floating zone technique. Journal of Materials Science: Materials in Electronics, 2020, 31, 15558-15564.	2.2	2
16	Impact of Tm3+ and Tb3+ Rare Earth Cations Substitution on the Structure and Magnetic Parameters of Co-Ni Nanospinel Ferrite. Nanomaterials, 2020, 10, 2384.	4.1	42
17	Processing of Superconducting and Thermoelectric Bulk Materials Via Laser Technologies. NATO Science for Peace and Security Series C: Environmental Security, 2020, , 297-312.	0.2	0
18	Structural, optical and magnetic properties of Tb3+ substituted Co nanoferrites prepared via sonochemical approach. Ceramics International, 2019, 45, 22538-22546.	4.8	45

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19	Sonochemical Synthesis of CoFe2-xNdxO4 Nanoparticles: Structural, Optical, and Magnetic Investigation. Journal of Superconductivity and Novel Magnetism, 2019, 32, 3837-3844.	1.8	25
20	Structural, superconducting and vortex pinning properties of Nb-substituted Bi-2212 ceramic superconductor. Journal of Materials Science: Materials in Electronics, 2019, 30, 12783-12789.	2.2	1
21	Effect of Cesium Substitution on the Superconducting Properties of Bi-2212 Samples Prepared Via Solid-State Reaction and Laser Floating Zone Technique. Journal of Superconductivity and Novel Magnetism, 2019, 32, 3439-3448.	1.8	4
22	Sonochemical synthesis of Eu3+ substituted CoFe2O4 nanoparticles and their structural, optical and magnetic properties. Ultrasonics Sonochemistry, 2019, 58, 104621.	8.2	77
23	Low temperature thermoelectric properties of K-substituted Bi2Sr2Co2Oy ceramics prepared via laser floating zone technique. Journal of the European Ceramic Society, 2019, 39, 3082-3087.	5.7	12
24	Structural, magnetic, optical properties and cation distribution of nanosized Ni0.3Cu0.3Zn0.4TmxFe2â^'xO4 (0.0 â‰≇€¯x â‰≇€¯0.10) spinel ferrites synthesized by ultrasound irradiatic Ultrasonics Sonochemistry, 2019, 57, 203-211.	on8.2	81
25	Effect of Nb3+ Substitution on the Structural, Magnetic, and Optical Properties of Co0.5Ni0.5Fe2O4 Nanoparticles. Nanomaterials, 2019, 9, 430.	4.1	86
26	Effect of Carbon Nanotube Addition on the Superconducting Properties of BSCCO Samples Textured via Laser Floating Zone Technique. Journal of Superconductivity and Novel Magnetism, 2019, 32, 3135-3141.	1.8	5
27	Structural and physical properties of Na-substituted K0.8Fe2-ySe2 single crystal. Journal of Alloys and Compounds, 2019, 777, 1074-1079.	5.5	2
28	Magnetic and structural characterization of Nb3+-substituted CoFe2O4 nanoparticles. Ceramics International, 2019, 45, 8222-8232.	4.8	98
29	The effect of Nb substitution on magnetic properties of BaFe12O19 nanohexaferrites. Ceramics International, 2019, 45, 1691-1697.	4.8	84
30	The cooling rate effect on structure and flux pinning force of FeTeSe single crystal deposited by self-flux method. Journal of Materials Science: Materials in Electronics, 2018, 29, 6477-6483.	2.2	7
31	Improvement of Bi2Sr2Co2Oy thermoelectric performances by Na doping. Journal of Electroceramics, 2018, 40, 11-15.	2.0	21
32	Effect of Na-doping on thermoelectric and magnetic performances of textured Bi2Sr2Co2Oy ceramics. Journal of the European Ceramic Society, 2018, 38, 515-520.	5.7	15
33	Effect of Na-substitution on magnetoresistance and flux pinning energy of Bi-2212 ceramics prepared via hot-forging process. Journal of Materials Science: Materials in Electronics, 2018, 29, 19147-19154.	2.2	5
34	Continuous processing of Bi2Sr2CaCu2O8+l̂´ precursor powders. Ceramics International, 2018, 44, 14865-14872.	4.8	3
35	Effect of Na substitution and Ag addition on the superconducting properties of Bi-2212 textured materials. Journal of Materials Science: Materials in Electronics, 2017, 28, 6278-6283.	2.2	7
36	Effects of K substitution on thermoelectric and magnetic properties of Bi2Sr2Co2Oy ceramic. Journal of Materials Science: Materials in Electronics, 2017, 28, 12652-12659.	2.2	8

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37	Physical, electrical and magnetic properties of Cr doped Bi2Sr2Ca1Cu2â^'xCrxOy (Bi-2212) superconductors prepared by laser floating zone technique. Journal of Materials Science: Materials in Electronics, 2017, 28, 13120-13125.	2.2	0
38	Effect of Na substitution on superconducting properties of Bi-2212 ceramics prepared by Sinter-Forged process. Journal of the European Ceramic Society, 2017, 37, 1007-1012.	5.7	24
39	Thermal Conductivity and Thermoelectric Power of Yb-Substituted Bi-2212 Superconductor. Journal of Physics: Conference Series, 2016, 667, 012001.	0.4	1
40	Enhanced physical properties of single crystal Fe0.99Te0.63Se0.37 prepared by self-flux synthesis method. Journal of Alloys and Compounds, 2016, 683, 164-170.	5.5	13
41	Improvement of structural and superconducting properties of Bi-2212 textured rods by substituting sodium. Ceramics International, 2016, 42, 8473-8477.	4.8	16
42	Effect of Sodium Substitution on Structural and Magnetic Properties of KFe2â^'y Se2. Journal of Superconductivity and Novel Magnetism, 2016, 29, 2401-2406.	1.8	1
43	Effect of V substitution on vortex pinning and superconducting properties of Bi-2212 superconductor. Journal of Materials Science: Materials in Electronics, 2016, 27, 7633-7639.	2.2	4
44	The synthesis and magnetic structure of the iron selenide Ba <sub>0.8</sub> Fe <sub>2</sub> Se <sub>2</sub> . Journal of Physics: Conference Series, 2016, 667, 012003.	0.4	0
45	The physical and magnetic properties of FeSe-11 superconductor. Journal of Physics: Conference Series, 2016, 667, 012002.	0.4	2
46	The effects of the post-annealing time on the growth mechanism of Bi2Sr2Ca1Cu2O8+â, thin films produced on MgO (100) single crystal substrates by pulsed laser deposition (PLD). Ceramics International, 2016, 42, 5778-5784.	4.8	16
47	Effect of Yttrium substitution on superconductivity in Bi-2212 textured rods prepared by a LFZ technique. Ceramics International, 2016, 42, 3418-3423.	4.8	18
48	Effect of Cooling Rate on Structure, Composition, and Superconducting Properties of FeTe0.6Se0.4 Prepared by Self-Flux Technique. Journal of Superconductivity and Novel Magnetism, 2016, 29, 1187-1192.	1.8	2
49	Thermal Conductivity and Thermoelectric Power of Potassium and Sodium-Substituted Bi-2212 Superconductor Prepared by PEI Technique. Journal of Superconductivity and Novel Magnetism, 2015, 28, 2641-2647.	1.8	Ο
50	Improvement of superconducting properties in Na-doped BSCCO superconductor. Journal of Materials Science: Materials in Electronics, 2015, 26, 441-447.	2.2	33
51	Sintering Effects in Na-Substituted Bi-(2212) Superconductor Prepared by a Polymer Method. Journal of Superconductivity and Novel Magnetism, 2015, 28, 1913-1924.	1.8	15
52	Improvement of the intergranular pinning energy in the Na-doped Bi-2212 superconductors. Journal of Materials Science: Materials in Electronics, 2015, 26, 2830-2837.	2.2	13
53	The Effect of K Substitution on Magnetoresistivity and Activation Energy of Bi-2212 System. Journal of Superconductivity and Novel Magnetism, 2015, 28, 553-559.	1.8	7
54	Magnetocaloric Properties of La0.85Ag0.15MnO3 and (La0.80Pr0.20)0.85Ag0.15MnO3 Compounds. Journal of Superconductivity and Novel Magnetism, 2015, 28, 1649-1658.	1.8	11

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55	Structure and physical properties of iron-selenide KxFe2â^'ySe2. Materials Chemistry and Physics, 2015, 164, 157-162.	4.0	3
56	Fabrication and evolution of nanoprecursors to produce Bi(Pb)-2212/Ag textured superconducting composites. Ceramics International, 2015, 41, 14276-14284.	4.8	12
57	Effect of Yb substitution in Bi-2212 ceramics prepared by laser floating zone technique. Journal of Materials Science: Materials in Electronics, 2015, 26, 5761-5766.	2.2	1
58	Structural, Electrical, and Magnetic Properties of the Co-Substituted Bi-2212 System Textured by Laser Floating Zone Technique. Journal of Superconductivity and Novel Magnetism, 2014, 27, 53-59.	1.8	23
59	Effect of Ce Substitution on the Magnetoresistivity and Flux Pinning Energy of the Bi2Sr2Ca1â^'x Ce x Cu2O8+l´Superconductors. Journal of Low Temperature Physics, 2014, 174, 136-147.	1.4	24
60	Effect of Tungsten (W) Substitution on the Physical Properties of Bi-(2223) Superconductors. Journal of Superconductivity and Novel Magnetism, 2014, 27, 711-716.	1.8	25
61	The Annealing Effects in the Iron-Based Superconductor FeTe0.8Se0.2 Prepared by the Self-Flux Method. Journal of Superconductivity and Novel Magnetism, 2014, 27, 2691-2697.	1.8	13
62	Effect of K substitution on Structural, Electrical and Magnetic Properties of Bi-2212 system. Journal of Materials Science: Materials in Electronics, 2014, 25, 4476-4482.	2.2	13
63	Effect of (Ta/Nb) co-doping on the magnetoresistivity and flux pinning energy of the BPSCCO superconductors. Journal of Materials Science: Materials in Electronics, 2014, 25, 2456-2462.	2.2	14
64	Mechanical Properties of BSCCO Superconductor by Oliver–Pharr Method and Work of Indentation Approach. Journal of Superconductivity and Novel Magnetism, 2013, 26, 3215-3219.	1.8	6
65	Structural and Magnetic Properties of Cobalt(II) Complexes of Triphenylphosphine. Journal of Superconductivity and Novel Magnetism, 2013, 26, 1599-1605.	1.8	6
66	Relationship Between Annealing Time and Magnetic Properties in Bi-2212 Textured Composites. Journal of Superconductivity and Novel Magnetism, 2013, 26, 873-878.	1.8	30
67	Microstructure and Transport Properties of Bi-2212 Prepared by CO2 Laser Line Scanning. Journal of Superconductivity and Novel Magnetism, 2013, 26, 947-952.	1.8	37
68	Relationship Between Growth Speed and Magnetic Properties in Bi-2212/Ag Textured Composites. Journal of Superconductivity and Novel Magnetism, 2013, 26, 1093-1098.	1.8	17
69	Effect of Yb-substitution on thermally activated flux creep in the Bi2Sr2Ca1Cu2â^'xYbxOy superconductors. Journal of Materials Science: Materials in Electronics, 2013, 24, 2568-2575.	2.2	22
70	Effect of Ce substitution on structural and superconducting properties of Bi-2212 system. Journal of Materials Science: Materials in Electronics, 2013, 24, 1580-1586.	2.2	21
71	Physical, Mechanical and Magnetic Properties of the Yb-Substituted Bi2Sr2Ca1Cu2O y Textured Superconductor. Journal of Superconductivity and Novel Magnetism, 2013, 26, 111-115.	1.8	22
72	The effects of the post-annealing temperature on the growth mechanism of Bi2Sr2Ca1Cu2O8+â^, thin films produced on MgO (100) single crystal substrates by pulsed laser deposition (PLD). Journal of Alloys and Compounds, 2013, 566, 175-179.	5.5	9

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73	Improvement of the Intergranular Pinning Energy in the (BiPb)2Sr2Ca2Cu3O10+δ Superconductors Doped with High Valancy Cations. Journal of Superconductivity and Novel Magnetism, 2012, 25, 725-729.	1.8	22
74	Relationship Between Growth Speed, Microstructure, Mechanical and Electrical Properties in Bi-2212/Ag Textured Composites. Journal of Superconductivity and Novel Magnetism, 2012, 25, 799-804.	1.8	49
75	Effect of high valency cations on the (BiPb)2Sr2Ca3Cu4O12+Î′ compounds. Journal of Superconductivity and Novel Magnetism, 2012, 25, 293-297.	1.8	10
76	Magnetic Properties of Sm1â^'x Tb x Ni4B compounds. Journal of Superconductivity and Novel Magnetism, 2012, 25, 1065-1070.	1.8	1
77	Effect of High Valancy Cations on the Intergranular Pinning Energies of (Bi-Pb)2Sr2Ca2Cu3O10+δ Samples. Journal of Superconductivity and Novel Magnetism, 2012, 25, 1811-1816.	1.8	8
78	Improvement of High T c Phase Formation in BPSCCO Superconductor by Adding Vanadium and Substituting Titanium. Journal of Low Temperature Physics, 2011, 163, 370-379.	1.4	27
79	Effect of Vanadium-Titanium Co-doping on the BPSCCO Superconductor. Journal of Superconductivity and Novel Magnetism, 2011, 24, 217-222.	1.8	7
80	Physical Properties of Sm1â^'x Gd x Ni4B compounds. Journal of Superconductivity and Novel Magnetism, 2011, 24, 793-799.	1.8	3
81	Physical and Magnetic Properties of Nd1â^'x Gd x Ni4B Compounds. Journal of Superconductivity and Novel Magnetism, 2011, 24, 763-768.	1.8	3
82	Magnetocaloric effect in re-entrant ferrimagnet compound. Solid State Communications, 2011, 151, 408-410.	1.9	2
83	Study of phase transition in a [CdHgI <sub>4</sub> : 0.2AgI] mixed conducting composite system doped with KI and K <sub>2</sub> SO <sub>4</sub> . Phase Transitions, 2011, 84, 960-971.	1.3	1
84	Observation of magnetocaloric effect in the LaMn1.9Fe0.1Si2compound at low fields in the vicinity of phase transition around room temperature. Journal of Physics: Conference Series, 2009, 153, 012063.	0.4	1
85	Effect of Nd-Substitution on Thermally Activated Flux Creep in the Bi1.7Pb0.3â^'x Nd x Sr2Ca3Cu4O12+y Superconductors. Journal of Low Temperature Physics, 2009, 156, 22-29.	1.4	23
86	Thermoelectric power and thermal conduction studies on the Nd substituted BPSCCO (2234) superconductors. Physica C: Superconductivity and Its Applications, 2007, 467, 112-119.	1.2	13
87	Thermoelectric Power and Thermal Conduction Studies on the Gd Substituted BPSCCO (2234) Superconductors. Journal of Low Temperature Physics, 2007, 147, 31-48.	1.4	16
88	Structural and Physical Properties of Nd Substituted Bismuth Cuprates Bi1.7 Pb0.3â^'x Nd x Sr2Ca3Cu4O12+y. Journal of Low Temperature Physics, 2007, 149, 105-118.	1.4	28
89	The Effect of Gd Concentration on the Physical and Magnetic Properties of Bi1.7Pb0.3-xGdxSr2Ca3Cu4O12+y Superconductors. Journal of Low Temperature Physics, 2005, 140, 105-117.	1.4	19
90	THE MAGNETIC AND ELECTRICAL PROPERTIES OF RARE-EARTH Sm3+ SUBSTITUTED Bi1.7Pb0.3Sr2Ca2-xSmxCu3O12 SYSTEM. Modern Physics Letters B, 2005, 19, 331-340.	1.9	8

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91	Field Dependence of Magnetization and dM / dH for Sm- and Gd-Doped Bi 1.7 Pb 0.3 Sr 2 Ca 2Â x RE x Cu. Chinese Physics Letters, 2004, 21, 2041-2044.	3.3	15
92	CRITICAL CURRENT DENSITIES IN Bi1.7Pb0.3-xGdxSr2Ca3Cu4O12+y (x=0.01, 0.1) SUPERCONDUCTORS PREPARED BY MELT-QUENCHING METHOD AND ANNEALED IN DIFFERENT TIME INTERVALS. Modern Physics Letters B, 2004, 18, 1467-1478.	1.9	4
93	A SIMPLE CHAOTIC NEURON MODEL: STOCHASTIC BEHAVIOR OF NEURAL NETWORKS. International Journal of Neuroscience, 2003, 113, 607-619.	1.6	1
94	Superconductivity of Bi 1.6 Pb 0.4 Sr 2 Ca 3 Cu 4 O 12. Chinese Physics Letters, 2002, 19, 1863-1865.	3.3	9
95	Harmonic susceptibilities of an alloy of. Journal of Physics Condensed Matter, 1998, 10, 191-203.	1.8	15
96	Suppression of the non-linear susceptibilities of ferromagnetic PdFe and PdMn. Journal of Physics Condensed Matter, 1994, 6, 8309-8321.	1.8	13
97	Semi-spin-glass and spin-glass behaviour in EuxSr1-xSe with x=0.5 and 0.7. Journal of Physics Condensed Matter, 1993, 5, 5667-5674.	1.8	9
98	Non-linear AC susceptibility of a spin glass Pd-5.5 at.% Mn. Journal of Physics Condensed Matter, 1992, 4, 5801-5810.	1.8	17
99	Linear and non-linear AC susceptibilities of the spin glass Eu0.4Sr0.6S. Journal of Physics Condensed Matter, 1992, 4, 6639-6650.	1.8	16
100	Physical and Magnetic Properties of Sm <sub>0.2</sub> Gd <sub>0.8</sub> Ni <sub>4</sub> B Compound. Solid State Phenomena, 0, 190, 208-212.	0.3	1