

Michael Koblischka

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336
papers

4,346
citations

32
h-index

52
g-index

352
ext. papers

4,581
ext. citations

2.1
avg, IF

5.29
L-index

#	Paper	IF	Citations
336	Magneto-optical investigations of superconductors. <i>Superconductor Science and Technology</i> , 1995 , 8, 199-213	3.1	235
335	Analysis of pinning in NdBa ₂ Cu ₃ O _{7-δ} superconductors. <i>Physical Review B</i> , 1998 , 58, 2863-2867	3.3	186
334	Observation of current-discontinuity lines in type-II superconductors. <i>Physical Review B</i> , 1994 , 49, 3443-3452	3.3	125
333	Microstructure and pinning in high- and large- (Nd, Eu, Gd)-123 superconductors prepared by OCMG process. <i>Superconductor Science and Technology</i> , 1998 , 11, 1349-1358	3.1	115
332	Fishtail shape in the magnetic hysteresis loop for superconductors: Interplay between different pinning mechanisms. <i>Physical Review B</i> , 1997 , 55, 3276-3284	3.3	111
331	Pinning mechanisms in bulk high-T _c superconductors. <i>Superconductor Science and Technology</i> , 2000 , 13, 738-744	3.1	105
330	Flux motion in thin superconductors with inhomogeneous pinning. <i>Physical Review B</i> , 1994 , 50, 16684-16707	3.3	81
329	Perovskite manganites: potential materials for magnetic cooling at or near room temperature. <i>Crystal Engineering</i> , 2002 , 5, 383-389		79
328	Flux pinning in ternary (Nd _{0.33} Eu _{0.33} Gd _{0.33})Ba ₂ Cu ₃ O _y melt-processed superconductors. <i>Applied Physics Letters</i> , 1998 , 73, 2351-2353	3.4	73
327	EuSe as magneto-optical active coating for use with the high resolution Faraday effect. <i>Cryogenics</i> , 1991 , 31, 811-816	1.8	67
326	Recent advances in magnetic force microscopy. <i>Ultramicroscopy</i> , 2003 , 97, 103-12	3.1	66
325	Determination of flux-density gradients in YBa ₂ Cu ₃ O _{7-δ} superconductors using the high-resolution Faraday effect. <i>Physica C: Superconductivity and Its Applications</i> , 1990 , 166, 36-48	1.3	62
324	Enhancement of J _c by 211 particles in ternary (Nd _{0.33} Eu _{0.33} Gd _{0.33})Ba ₂ Cu ₃ O _y melt-processed superconductors. <i>Applied Physics Letters</i> , 2000 , 76, 91-93	3.4	54
323	Effect of oxygen disorder on superconductivity-induced self-energy effects in impurity-free YBa ₂ Cu ₃ O ₇ . <i>Solid State Communications</i> , 1991 , 80, 643-647	1.6	51
322	Observation of multiple peaks in the magnetization curves of NdBa ₂ Cu ₃ O ₇ single crystals. <i>Physical Review B</i> , 1996 , 54, R6893-R6896	3.3	49
321	Observation of flux penetration in YBa ₂ Cu ₃ O _{7-δ} superconductors by means of the magneto-optical Faraday effect. <i>Physica C: Superconductivity and Its Applications</i> , 1989 , 159, 117-123	1.3	48
320	Study of flux distributions in high-T _c single crystals and thin films using magneto-optic techniques. <i>Physica C: Superconductivity and Its Applications</i> , 1993 , 209, 259-262	1.3	44

319	Central Peak Position in Magnetization Loops of High- Tc Superconductors. <i>Physical Review Letters</i> , 1999 , 82, 2947-2950	7.4	42
318	Optimization of processing conditions towards high trapped fields in MgB2 bulks. <i>Journal of Alloys and Compounds</i> , 2014 , 608, 102-109	5.7	41
317	Detailed investigation of the superconducting transition of niobium disks exhibiting the paramagnetic Meissner effect. <i>Physical Review B</i> , 1998 , 58, 14191-14194	3.3	38
316	Nanosopic netted structure of compositional modulation in (Sm _{0.33} Eu _{0.33} Gd _{0.33})Ba ₂ Cu ₃ O ₇ superconductors. <i>Applied Physics Letters</i> , 2005 , 86, 092505	3.4	35
315	Influence of Irradiation-Induced Latent Tracks on Local Flux Pinning in Bi-2212 Crystals. <i>Europhysics Letters</i> , 1992 , 19, 323-328	1.6	35
314	Low magnetic relaxation in a single crystal and a melt processed sample. <i>Superconductor Science and Technology</i> , 1996 , 9, 659-664	3.1	34
313	Refinement of secondary phase particles for high critical current densities in (Nd,Eu,Gd)BaCuO superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1999 , 313, 232-240	1.3	34
312	Optimization of sintering conditions in bulk MgB2 material for improvement of critical current density. <i>Journal of Alloys and Compounds</i> , 2015 , 649, 833-842	5.7	33
311	Improving the lateral resolution of the MFM technique to the range. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, 2138-2140	2.8	33
310	Enhancement of critical current densities by heavy-ion irradiation in YBa ₂ Cu ₃ O _{7-δ} observed using the high-resolution Faraday effect. <i>Physical Review B</i> , 1993 , 47, 373-383	3.3	33
309	Observation of flux penetration in Bi ₂ Sr ₂ CaCu ₂ O _{8+δ} crystals with irradiation-induced columnar defects. <i>Physical Review B</i> , 1992 , 46, 8496-8504	3.3	33
308	Improvements of the lateral resolution of the MFM technique. <i>Thin Solid Films</i> , 2003 , 428, 93-97	2.2	32
307	Interactions of Y ₂ BaCuO ₅ particles and the YBCO matrix within melt-textured YBCO samples studied by means of electron backscatter diffraction. <i>Superconductor Science and Technology</i> , 2005 , 18, S158-S163	3.1	32
306	Flux penetration in granular YBa ₂ Cu ₃ O ₇ samples. <i>Physica C: Superconductivity and Its Applications</i> , 1994 , 219, 205-212	1.3	32
305	Flux-lines of inversed sign in YBa ₂ Cu ₃ O ₇ thin films. <i>Physica C: Superconductivity and Its Applications</i> , 1992 , 196, 373-382	1.3	32
304	Anomalous position of the maximum in magnetic hysteresis loops measured on (Bi,Pb) ₂ Sr ₂ Ca ₂ Cu ₃ O ₁₀ /Ag tapes. <i>Applied Physics Letters</i> , 1997 , 70, 514-516	3.4	31
303	Magneto-optical study of flux penetration in heavy-ion irradiated high-Tc single crystals. <i>Physica C: Superconductivity and Its Applications</i> , 1992 , 203, 203-222	1.3	31
302	High Frequency Magnetic Force Microscopy-Imaging of Harddisk Write Heads. <i>Japanese Journal of Applied Physics</i> , 2006 , 45, 2238-2241	1.4	29

- 301 Application of electron backscatter diffraction to bulk high-Tc superconductors. *Superconductor Science and Technology*, **2002**, 15, 796-802 3.1 29
- 300 Evidence of strong flux pinning in melt-processed ternary (Nd_{1-x}Bu_x)Ba₂Cu₃O_y superconductors. *Applied Physics Letters*, **1999**, 75, 253-255 3.4 29
- 299 Critical-state model with a secondary high-field peak in J_c(B). *Physical Review B*, **1997**, 56, 11273-11278 3.3 28
- 298 Flux turbulence in NdBa₂Cu₃O_{6+x} and underdoped YBa₂Cu₃O_{6+x} single crystals. *Physical Review B*, **1999**, 59, R6639-R6642 3.3 28
- 297 Microstructure and flux distribution in both pure and carbon-nanotube-embedded Bi₂Sr₂CaCu₂O_{8+δ} superconductors. *Physica C: Superconductivity and Its Applications*, **1999**, 311, 172-186 1.3 28
- 296 Observation of inverse domains in high T_c superconductors. *Journal of Applied Physics*, **1992**, 72, 1478-1485 2.8
- 295 Bending of silver-sheathed (Bi,Pb)-2223 tapes investigated by magneto-optical flux visualization. *Superconductor Science and Technology*, **1997**, 10, 693-701 3.1 27
- 294 Crystallographic Orientation of Y₂Ba₄CuMO_x (M=Nb, Zr, Ag) Nanoparticles Embedded in Bulk, Melt-Textured YBCO Studied by EBSD. *Journal of the American Ceramic Society*, **2007**, 90, 2582-2588 3.8 27
- 293 Comparison of different approaches to modelling the fishtail shape in RE-123 bulk superconductors. *Physica C: Superconductivity and Its Applications*, **2000**, 338, 235-245 1.3 27
- 292 Effect of twin planes in the magnetization hysteresis loops of NdBa₂Cu₃O₇ single crystals. *Physical Review B*, **1998**, 58, R14771-R14774 3.3 27
- 291 Levitation force from high-Tc superconducting thin-film disks. *Physical Review B*, **1999**, 60, 9855-9861 3.3 27
- 290 Sample size dependence of the AC-susceptibility of sintered YBa₂Cu₃O₇ superconductors. *Physica C: Superconductivity and Its Applications*, **1991**, 184, 332-340 1.3 27
- 289 Flux penetration of melt-processed YBa₂Cu₃O₇: Direct observation of anisotropy. *Journal of Applied Physics*, **1993**, 74, 3307-3311 2.5 26
- 288 Turbulent relaxation in the vortex lattice. *Europhysics Letters*, **1998**, 41, 419-424 1.6 25
- 287 Effects of Silver Addition on Critical Current Densities and Mechanical Properties in Bulk MgB₂. *Advanced Engineering Materials*, **2015**, 17, 831-838 3.5 24
- 286 Observation of nucleation and annihilation of flux-lines with opposite sign in high-Tc superconductors. *Physica C: Superconductivity and Its Applications*, **1991**, 179, 269-278 1.3 24
- 285 Microstructural Analysis of Electrochemical Coated Open-Cell Metal Foams by EBSD and Nanoindentation. *Advanced Engineering Materials*, **2014**, 16, 15-20 3.5 23
- 284 Pinning forces and scaling in high-Tc superconductors. *Physica C: Superconductivity and Its Applications*, **1997**, 282-287, 2193-2194 1.3 23

283	Characterization of bulk superconductors through EBSD methods. <i>Physica C: Superconductivity and Its Applications</i> , 2003 , 392-396, 545-556	1.3	23
282	Study of flux behavior in Bi2Sr2CaCu2O8 single crystal in external magnetic fields up to 1 T. <i>Physica C: Superconductivity and Its Applications</i> , 1995 , 249, 339-349	1.3	23
281	Fishtails in 123-superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1994 , 235-240, 2833-2834	1.3	23
280	Preparation of granular Bi-2212 nanowires by electrospinning. <i>Superconductor Science and Technology</i> , 2017 , 30, 035014	3.1	22
279	Applications of the electron backscatter diffraction technique to ceramic materials. <i>Phase Transitions</i> , 2013 , 86, 651-660	1.3	22
278	Temperature-dependent scaling of pinning force data in Bi-based high-Tc superconductors. <i>European Physical Journal B</i> , 2005 , 44, 277-280	1.2	22
277	Flux penetration into an artificially granular high-Tc superconductor. <i>Physical Review B</i> , 1999 , 59, 12114-12120	3.1	22
276	Superconducting transitions of Nd-based 123 superconductors in fields up to 7 T. <i>Superconductor Science and Technology</i> , 1999 , 12, 288-292	3.1	21
275	Direct observation of flux-creep in high-Tc superconductors using the high-resolution Faraday effect. <i>Physica C: Superconductivity and Its Applications</i> , 1992 , 190, 557-562	1.3	21
274	Fabrication of bulk YBaCuO superconductors with high critical current densities through the infiltration-growth process. <i>Cryogenics</i> , 2014 , 63, 129-132	1.8	20
273	Analysis of flux distributions of superconductors in the presence of structural defects. <i>Superconductor Science and Technology</i> , 1996 , 9, 271-278	3.1	20
272	Resolving magnetic nanostructures in the 10-nm range using MFM at ambient conditions. <i>Materials Science and Engineering C</i> , 2003 , 23, 747-751	8.3	20
271	Scaling of pinning forces in NdBa2Cu3O7-x superconductors. <i>Journal of Applied Physics</i> , 1999 , 85, 3241-3246	1.3	20
270	Dynamic contribution to the fishtail effect in a twin-free DyBa2Cu3O7-x single crystal. <i>Physica C: Superconductivity and Its Applications</i> , 1995 , 250, 265-274	1.3	20
269	Pinning force scaling analysis of Fe-based high-Tc superconductors. <i>International Journal of Modern Physics B</i> , 2016 , 30, 1630017	1.1	18
268	Orientation imaging microscopy analysis of bulk, melt-textured YBCO superconductors. <i>Crystal Engineering</i> , 2002 , 5, 265-272		18
267	Influence of additions and radiation damage on the superconducting properties of sintered YBa2Cu3O7-x. <i>Physica C: Superconductivity and Its Applications</i> , 1993 , 211, 263-278	1.3	18
266	High Magnetic Field Generated by Bulk MgB2 Prepared by Spark Plasma Sintering. <i>IEEE Transactions on Applied Superconductivity</i> , 2016 , 26, 1-5	1.8	17

265	An electron backscatter diffraction investigation of crystallographic orientations of embedded nanoparticles within melt-textured YBCO high temperature superconductors. <i>Superconductor Science and Technology</i> , 2006 , 19, S562-S566	3.1	17
264	Embedding of 211 particles in NEG-123 superconductors. <i>Superconductor Science and Technology</i> , 1999 , 12, 555-562	3.1	17
263	Influence of low magnetic fields on the transport properties of sintered YBa ₂ Cu ₃ O _{7-δ} with different grain sizes. <i>Superconductor Science and Technology</i> , 1992 , 5, 614-620	3.1	17
262	Magnetic properties of electrospun non-woven superconducting fabrics. <i>AIP Advances</i> , 2016 , 6, 035115	1.5	17
261	High critical current densities in bulk MgB ₂ fabricated using amorphous boron. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2015 , 212, 2141-2145	1.6	16
260	. <i>IEEE Transactions on Magnetics</i> , 2014 , 50, 1-4	2	16
259	Electrodeposition of Nanocrystalline Metals on Open Cell Metal Foams: Improved Mechanical Properties. <i>ECS Transactions</i> , 2009 , 25, 165-172	1	16
258	Effect of platinum addition on the microstructure and critical current density in (Nd, Eu, Gd)-Ba-Cu-O. <i>Superconductor Science and Technology</i> , 1999 , 12, 105-109	3.1	16
257	Equivalence of dynamical and conventional magnetic relaxation in high-T _c superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1996 , 259, 157-167	1.3	16
256	Flux penetration into YBa ₂ Cu ₃ O _x thin films covering substrate step edges. <i>Applied Physics Letters</i> , 1993 , 62, 768-770	3.4	16
255	Synthesis and characterization of electrospun superconducting (La,Sr)CuO ₄ nanowires and nanoribbons. <i>Materials Research Express</i> , 2015 , 2, 095022	1.7	15
254	Evidence for pinning by (Sr,Ca) ₂ CuO _y particles in partial-melting processed bulk Bi ₂ Sr ₂ CaCu ₂ O _{8+δ} ceramics. <i>Physica C: Superconductivity and Its Applications</i> , 1998 , 300, 207-211	1.3	15
253	Electron backscatter diffraction study of polycrystalline YBa ₂ Cu ₃ O _{7-δ} ceramics. <i>Physica C: Superconductivity and Its Applications</i> , 2002 , 382, 311-322	1.3	15
252	Flux pinning sites in melt-processed (Nd _{0.33} Eu _{0.33} Gd _{0.33})Ba ₂ Cu ₃ O _y superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2000 , 337, 31-38	1.3	15
251	(Nd, Eu, Gd)-Ba-Cu-O superconductors with combined addition of CeO ₂ and Pt. <i>Superconductor Science and Technology</i> , 2000 , 13, 693-697	3.1	15
250	Quantum creep and fast thermally activated vortex dynamics in a Bi ₂ Sr ₂ CaCu ₂ O ₈ single crystal. <i>Physica C: Superconductivity and Its Applications</i> , 1996 , 257, 271-283	1.3	15
249	Study of pinning behaviour in YBaCuO using the high-resolution faraday effect. <i>Journal of the Less Common Metals</i> , 1990 , 164-165, 1308-1315		15
248	EBSA analysis of MgB ₂ bulk superconductors. <i>Superconductor Science and Technology</i> , 2016 , 29, 044007	3.1	14

247	Porous high-Tc superconductors and their applications. <i>AIMS Materials Science</i> , 2018 , 5, 1199-1213	1.9	14
246	Transport and Magnetic Measurements on Bi2Sr2CaCu2O8 Nanowire Networks Prepared Via Electrospinning. <i>IEEE Transactions on Applied Superconductivity</i> , 2016 , 26, 1-5	1.8	14
245	Improvement of the Magnetization of a Superconducting Bulk using an Iron Core. <i>IEEE Transactions on Applied Superconductivity</i> , 2015 , 25, 1-4	1.8	13
244	Microstructure and Fluctuation-Induced Conductivity Analysis of Bi2Sr2CaCu2O8+(Bi-2212) Nanowire Fabrics. <i>Crystals</i> , 2020 , 10, 986	2.3	13
243	Giant Enhancement of Magnetostrictive Response in Directionally-Solidified FeGaEr Compounds. <i>Materials</i> , 2018 , 11,	3.5	13
242	Analysis of the microstructure of superconducting YBCO foams by means of AFM and EBSD. <i>Journal of Advanced Ceramics</i> , 2014 , 3, 317-325	10.7	13
241	Observation of Stray Fields From Hard-Disk Writer Poles up to 2 GHz. <i>IEEE Transactions on Magnetics</i> , 2007 , 43, 2205-2207	2	13
240	Stripe and Criss-Cross Patterns in High-Tc Superconductors Revealed by Atomic Force Microscopy and Scanning Tunnelling Microscopy. <i>Japanese Journal of Applied Physics</i> , 2006 , 45, 2259-2263	1.4	13
239	Record critical current densities in IG processed bulk YBa2Cu3Oy fabricated using ball-milled Y2Ba1Cu1O5 phase. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2016 , 213, 443-449	1.6	13
238	Microstructure, critical current density and trapped field experiments in IG-processed Y-123. <i>Superconductor Science and Technology</i> , 2016 , 29, 054003	3.1	13
237	Relaxation and pinning in spark-plasma sintered MgB2 superconductor. <i>Superconductor Science and Technology</i> , 2016 , 29, 025006	3.1	12
236	Topochemical growth of textured polycrystalline barium hexaferrite from oriented antiferromagnetic alpha-FeOOH nanorods. <i>Nanotechnology</i> , 2009 , 20, 445606	3.4	12
235	Crystallographic Orientation Analyses of Magnetite Thin Films Using Electron Backscatter Diffraction (EBSD). <i>IEEE Transactions on Magnetics</i> , 2006 , 42, 2873-2875	2	12
234	Field-Cooled Flux Distributions as Tool to Analyze Pinning Properties. <i>Japanese Journal of Applied Physics</i> , 1998 , 37, L1227-L1230	1.4	12
233	Engineering of pinning sites in melt-processed (Nd0.33Eu0.33Gd0.33)Ba2Cu3Oy superconductors. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 1999 , 65, 58-65	3.1	12
232	Angular scaling of critical current measurements on laser-ablated YBa2Cu3O7 thin films. <i>Physica C: Superconductivity and Its Applications</i> , 1994 , 235-240, 3053-3054	1.3	12
231	Analysis of magnetization loops of electrospun nonwoven superconducting fabrics. <i>Physical Review Materials</i> , 2017 , 1,	3.2	12
230	Superconducting YBCO Foams as Trapped Field Magnets. <i>Materials</i> , 2019 , 12,	3.5	11

229	Human dental enamel: A natural nanotechnology masterpiece investigated by TEM and t-EBSD. <i>Nano Research</i> , 2018 , 11, 3911-3921	10	11
228	Comparative study of grain orientation in melt-textured HTSC with different additions. <i>Physica C: Superconductivity and Its Applications</i> , 2005 , 426-431, 618-624	1.3	11
227	Interplay of YBCO and Embedded 211 Particles in Melt-Textured YBCO Superconductors. <i>Journal of Superconductivity and Novel Magnetism</i> , 2005 , 18, 469-474		11
226	Flux patterns of monofilamentary tapes at various temperatures. <i>Superconductor Science and Technology</i> , 1999 , 12, 113-119	3.1	11
225	Surface pinning in niobium and a high-T _c superconductor. <i>Physica C: Superconductivity and Its Applications</i> , 1996 , 269, 71-75	1.3	11
224	Magnetic force microscopy applied in magnetic data storage technology. <i>Applied Physics A: Materials Science and Processing</i> , 2003 , 76, 879-884	2.6	10
223	Study of flux entry and exit into Bi-2223 multifilamentary tapes. <i>Superconductor Science and Technology</i> , 1998 , 11, 479-484	3.1	10
222	Dimensionality and superconducting parameters of YBa ₂ Cu ₃ O _{7-δ} /(WO ₃ NPs) _x composites deduced from excess conductivity analysis. <i>Materials Chemistry and Physics</i> , 2020 , 243, 122665	4.4	10
221	Critical current densities in Ag-added bulk MgB ₂ . <i>Physica C: Superconductivity and Its Applications</i> , 2015 , 518, 36-39	1.3	9
220	Improved critical current densities in bulk FeSe superconductor using ball milled powders and high temperature sintering. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2016 , 213, 3214-3220	1.6	9
219	High-frequency properties of stray fields emanating from hard disk writer poles up to 2 GHz. <i>Journal of Magnetism and Magnetic Materials</i> , 2010 , 322, 1694-1696	2.8	9
218	Preparation of ferrite-coated MFM cantilevers. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 316, e666-e669	2.8	9
217	Analysis of twin boundaries using the electron backscatter diffraction (EBSD) technique. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2008 , 151, 60-64	3.1	9
216	Embedded Y ₂ Ba ₄ CuNbO _x nanoparticles in melt-textured YBCO studied by means of EBSD. <i>Physica C: Superconductivity and Its Applications</i> , 2006 , 445-448, 379-381	1.3	9
215	Characterization of pinning in (Y, Nd)Ba ₂ Cu ₃ O _{7-δ} melt-textured superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2004 , 415, 40-50	1.3	9
214	Nanoscale flux pinning sites in high-T _c superconductors. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2005 , 2, 1720-1725		9
213	Magneto-optical and microstructural investigations on KClO ₃ -doped YBCO HTSC. <i>Physica C: Superconductivity and Its Applications</i> , 2001 , 357-360, 201-204	1.3	9
212	Study of superconducting properties of OCMG processed (Nd, Eu, Gd)Ba _{1-x} Tl _x O _{7-δ} with Pr doping. <i>Physica C: Superconductivity and Its Applications</i> , 1999 , 314, 277-284	1.3	9

211	Current-induced domain movement in high-Tc single crystals. <i>Physica Status Solidi A</i> , 1992 , 130, 429-447		9
210	Novel method of tuning the size of Y2BaCuO5 particles and their influence on the physical properties of bulk YBa2Cu3O7- δ superconductor. <i>Applied Physics Express</i> , 2019 , 12, 063002	2.4	8
209	On the dynamics of vortices in BSCCO(2223)/Ag tape. <i>Physica C: Superconductivity and Its Applications</i> , 1998 , 308, 21-24	1.3	8
208	Texture analysis of monofilamentary, Ag-sheathed (Pb,Bi)2Sr2Ca2Cu3Ox tapes by electron backscatter diffraction (EBSD). <i>Physica C: Superconductivity and Its Applications</i> , 2008 , 468, 174-182	1.3	8
207	Nanostripe structures in SmBa2Cu3Oxsuperconductors. <i>Superconductor Science and Technology</i> , 2007 , 20, 681-686	3.1	8
206	Misorientations in [001] magnetite thin films studied by electron backscatter diffraction and magnetic force microscopy. <i>Journal of Applied Physics</i> , 2007 , 101, 09M507	2.5	8
205	Optimization of the HF-MFM technique. <i>Journal of Physics: Conference Series</i> , 2007 , 61, 591-595	0.3	8
204	Flux distributions in jointed tapes. <i>Superconductor Science and Technology</i> , 1998 , 11, 573-576	3.1	8
203	Formation of the low-field peak in magnetization loops of high-Tc superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1999 , 320, 101-114	1.3	8
202	Variation of grain sizes in sintered YBa2Cu3O7- δ by different sintering conditions. <i>Materials Letters</i> , 1992 , 14, 189-192	3.3	8
201	Relation between Crystal Structure and Transition Temperature of Superconducting Metals and Alloys. <i>Metals</i> , 2020 , 10, 158	2.3	8
200	Submicron size Gd2BaCuO5particles as source for large critical current densities in (Nd0.33Eu0.33Gd0.33)Ba2Cu3Oy. <i>EPJ Applied Physics</i> , 1999 , 7, 99-102	1.1	8
199	Magnetic phases in superconducting, polycrystalline bulk FeSe samples. <i>AIP Advances</i> , 2021 , 11, 015230	1.5	8
198	TEM and electron backscatter diffraction analysis (EBSD) on superconducting nanowires. <i>Journal of Physics: Conference Series</i> , 2018 , 1054, 012005	0.3	8
197	Advanced microstructural analysis of ferrite materials by means of electron backscatter diffraction (EBSD). <i>Journal of Magnetism and Magnetic Materials</i> , 2010 , 322, 1178-1181	2.8	7
196	Excitation of a bosonic mode by electron tunneling into a cuprate superconductor NdBa2Cu3O7- δ <i>Physical Review B</i> , 2008 , 78,	3.3	7
195	Recent progress on compositional nanostripes of REBa2Cu3O7- δ (RE = Sm,Eu,Gd) superconductors. <i>Superconductor Science and Technology</i> , 2006 , 19, S580-S584	3.1	7
194	Nanostripes in (Nd0.33Eu0.28Gd0.38)Ba2Cu3Ox superconductors. <i>Applied Physics Letters</i> , 2007 , 91, 082508	3.4	7

193	Effects of subgrains on critical current properties in melt-processed REBaCu bulk superconductors. <i>Superconductor Science and Technology</i> , 2004 , 17, S61-S65	3.1	7
192	Subgrain structures and superconductivity in REBaCu bulk superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2003 , 386, 225-230	1.3	7
191	. <i>IEEE Transactions on Applied Superconductivity</i> , 2001 , 11, 3242-3245	1.8	7
190	Flux pinning in melt-processed ternary (NdEuGd)Ba ₂ Cu ₃ O _y superconductors with Gd ₂ BaCuO ₅ addition. <i>Journal of Applied Physics</i> , 1999 , 86, 5705-5711	2.5	7
189	Highly Porous Superconductors: Synthesis, Research, and Prospects. <i>Physics of Metals and Metallography</i> , 2020 , 121, 936-948	1.2	7
188	Excess Conductivity Analysis of Polycrystalline FeSe Samples with the Addition of Ag. <i>Materials</i> , 2020 , 13,	3.5	7
187	Microstructural and magnetic analysis of a superconducting foam and comparison with IG-processed bulk samples. <i>Journal of Physics: Conference Series</i> , 2016 , 695, 012002	0.3	7
186	. <i>IEEE Transactions on Applied Superconductivity</i> , 2019 , 29, 1-5	1.8	6
185	Analysis of the microstructure of bulk MgB using TEM, EBSD and t-EBSD. <i>Journal of Microscopy</i> , 2019 , 274, 123-131	1.9	6
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