

# Teresa Puig

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

387  
papers

7,791  
citations

39  
h-index

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396  
ext. papers

8,523  
ext. citations

4.4  
avg, IF

5.81  
L-index

#	Paper	IF	Citations
387	Strong isotropic flux pinning in solution-derived YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> nanocomposite superconductor films. <i>Nature Materials</i> , <b>2007</b> , 6, 367-73	27	509
386	Nanoscale strain-induced pair suppression as a vortex-pinning mechanism in high-temperature superconductors. <i>Nature Materials</i> , <b>2012</b> , 11, 329-36	27	262
385	Coated conductors for power applications: materials challenges. <i>Superconductor Science and Technology</i> , <b>2014</b> , 27, 044003	3.1	255
384	Progress towards all-chemical superconducting YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> -coated conductors. <i>Superconductor Science and Technology</i> , <b>2006</b> , 19, S13-S26	3.1	199
383	Growth, nanostructure and vortex pinning in superconducting YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> thin films based on trifluoroacetate solutions. <i>Superconductor Science and Technology</i> , <b>2012</b> , 25, 123001	3.1	139
382	Chemical solution deposition: a path towards low cost coated conductors. <i>Superconductor Science and Technology</i> , <b>2004</b> , 17, 1055-1064	3.1	117
381	Vortex pinning in chemical solution nanostructured YBCO films. <i>Superconductor Science and Technology</i> , <b>2008</b> , 21, 034008	3.1	111
380	The influence of growth conditions on the microstructure and critical currents of TFA-MOD YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> films. <i>Superconductor Science and Technology</i> , <b>2005</b> , 18, 1141-1150	3.1	95
379	Fatty acid metabolism in breast cancer cells: differential inhibitory effects of epigallocatechin gallate (EGCG) and C75. <i>Breast Cancer Research and Treatment</i> , <b>2008</b> , 109, 471-9	4.4	86
378	AC susceptibility of grains and matrix for high-T <sub>c</sub> superconductors. <i>Physica C: Superconductivity and Its Applications</i> , <b>1990</b> , 168, 652-667	1.3	79
377	Chemical solution route to self-assembled epitaxial oxide nanostructures. <i>Chemical Society Reviews</i> , <b>2014</b> , 43, 2200-25	58.5	78
376	Novel Inhibitors of Fatty Acid Synthase with Anticancer Activity. <i>Clinical Cancer Research</i> , <b>2009</b> , 15, 7608-7615	7.5	75
375	Acid anhydrides: a simple route to highly pure organometallic solutions for superconducting films. <i>Superconductor Science and Technology</i> , <b>2006</b> , 19, 521-527	3.1	75
374	3D-Printed PCL/PLA Composite Stents: Towards a New Solution to Cardiovascular Problems. <i>Materials</i> , <b>2018</b> , 11,	3.5	72
373	Evolution of Metal-Trifluoroacetate Precursors in the Thermal Decomposition toward High-Performance YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> Superconducting Films. <i>Chemistry of Materials</i> , <b>2010</b> , 22, 1686-1694	9.6	70
372	Simultaneous inductive determination of grain and intergrain critical current densities of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> coated conductors. <i>Applied Physics Letters</i> , <b>2004</b> , 84, 230-232	3.4	67
371	Targeting Breast Cancer Stem Cells to Overcome Treatment Resistance. <i>Molecules</i> , <b>2018</b> , 23,	4.8	67

370	Microstructural influence on critical currents and irreversibility line in melt-textured YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> reannealed at high oxygen pressure. <i>Physical Review B</i> , <b>2002</b> , 65,	3.3	65
369	All chemical YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> superconducting multilayers: Critical role of CeO <sub>2</sub> cap layer flatness. <i>Journal of Materials Research</i> , <b>2009</b> , 24, 1446-1455	2.5	64
368	Growth Mechanism, Microstructure, and Surface Modification of Nanostructured CeO <sub>2</sub> Films by Chemical Solution Deposition. <i>Advanced Functional Materials</i> , <b>2006</b> , 16, 1363-1372	15.6	64
367	Smooth Stress Relief of Trifluoroacetate Metal-Organic Solutions for YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> Film Growth. <i>Chemistry of Materials</i> , <b>2006</b> , 18, 5897-5906	9.6	64
366	Facile and efficient one-pot solvothermal and microwave-assisted synthesis of stable colloidal solutions of MF <sub>2</sub> O <sub>4</sub> spinel magnetic nanoparticles. <i>Journal of Nanoparticle Research</i> , <b>2012</b> , 14, 1	2.3	62
365	A novel inhibitor of fatty acid synthase shows activity against HER2+ breast cancer xenografts and is active in anti-HER2 drug-resistant cell lines. <i>Breast Cancer Research</i> , <b>2011</b> , 13, R131	8.3	61
364	Giant vortex state in perforated aluminum microsquares. <i>Physical Review B</i> , <b>1999</b> , 60, 4285-4292	3.3	61
363	Different fatty acid metabolism effects of (-)-epigallocatechin-3-gallate and C75 in adenocarcinoma lung cancer. <i>BMC Cancer</i> , <b>2012</b> , 12, 280	4.8	60
362	Formation of stripelike flux patterns obtained by freezing kinematic vortices in a superconducting Pb film. <i>Physical Review Letters</i> , <b>2010</b> , 104, 017001	7.4	57
361	Self-Organization of Heteroepitaxial CeO <sub>2</sub> Nanodots Grown from Chemical Solutions. <i>Advanced Materials</i> , <b>2007</b> , 19, 3937-3942	24	55
360	Precursor Evolution and Nucleation Mechanism of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>x</sub> Films by TFA Metal-Organic Decomposition. <i>Chemistry of Materials</i> , <b>2006</b> , 18, 6211-6219	9.6	55
359	Directional solidification of (Re = Y, Nd): microstructure and superconducting properties. <i>Superconductor Science and Technology</i> , <b>1997</b> , 10, 884-890	3.1	54
358	High quality YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> thin films grown by trifluoroacetates metalorganic deposition. <i>Superconductor Science and Technology</i> , <b>2003</b> , 16, 45-53	3.1	54
357	Critical current enhancement in YBCO <sub>x</sub> /Ag melt-textured composites: influence of microcrack density. <i>Physica C: Superconductivity and Its Applications</i> , <b>2000</b> , 334, 7-14	1.3	53
356	Anisotropy and strength of vortex pinning centers in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> coated conductors. <i>Applied Physics Letters</i> , <b>2007</b> , 90, 162514	3.4	51
355	Hybrid sol-gel layers containing CeO <sub>2</sub> nanoparticles as UV-protection of plastic lenses for concentrated photovoltaics. <i>Solar Energy Materials and Solar Cells</i> , <b>2014</b> , 120, 175-182	6.4	46
354	Epitaxial YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> nanocomposite thin films from colloidal solutions. <i>Superconductor Science and Technology</i> , <b>2015</b> , 28, 124007	3.1	43
353	Superconducting YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> Nanocomposites Using Preformed ZrO <sub>2</sub> Nanocrystals: Growth Mechanisms and Vortex Pinning Properties. <i>Advanced Electronic Materials</i> , <b>2016</b> , 2, 1600161	6.4	43

352	Intermediate phase evolution in YBCO thin films grown by the TFA process. <i>Superconductor Science and Technology</i> , <b>2010</b> , 23, 014012	3.1	41
351	Crossover between channeling and pinning at twin boundaries in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> thin films. <i>Physical Review Letters</i> , <b>2006</b> , 97, 257002	7.4	41
350	The loss of vortex line tension sets an upper limit to the irreversibility line in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> . <i>Nature Physics</i> , <b>2006</b> , 2, 402-407	16.2	41
349	Natural Polyphenols and their Synthetic Analogs as Emerging Anticancer Agents. <i>Current Drug Targets</i> , <b>2017</b> , 18, 147-159	3	41
348	Nanostructural control in solution-derived epitaxial Ce(1-x)Gd(x)O(2-y) films. <i>Nanotechnology</i> , <b>2008</b> , 19, 395601	3.4	39
347	Diminish electrostatic in piezoresponse force microscopy through longer or ultra-stiff tips. <i>Applied Surface Science</i> , <b>2018</b> , 439, 577-582	6.7	38
346	Electrospinning PCL Scaffolds Manufacture for Three-Dimensional Breast Cancer Cell Culture. <i>Polymers</i> , <b>2017</b> , 9,	4.5	38
345	Thermal Analysis for Low Temperature Synthesis of Oxide Thin Films from Chemical Solutions. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 20133-20138	3.8	37
344	Nucleation and mesostrain influence on percolating critical currents of solution derived YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> superconducting thin films. <i>Physica C: Superconductivity and Its Applications</i> , <b>2012</b> , 482, 58-67	1.3	37
343	Evolution of yttrium trifluoroacetate during thermal decomposition. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2012</b> , 108, 589-596	4.1	37
342	Influence of porosity on the critical currents of trifluoroacetate-MOD YBa <sub>2</sub> /Cu <sub>3</sub> /O <sub>7</sub> films. <i>IEEE Transactions on Applied Superconductivity</i> , <b>2003</b> , 13, 2504-2507	1.8	37
341	Vortex configurations in a Pb/Cu microdot with a 2 $\times$ 2 antidot cluster. <i>Physical Review B</i> , <b>1998</b> , 58, 5744-5756	3.5	37
340	Dual fatty acid synthase and HER2 signaling blockade shows marked antitumor activity against breast cancer models resistant to anti-HER2 drugs. <i>PLoS ONE</i> , <b>2015</b> , 10, e0131241	3.7	37
339	Preclinical Evaluation of Fatty Acid Synthase and EGFR Inhibition in Triple-Negative Breast Cancer. <i>Clinical Cancer Research</i> , <b>2016</b> , 22, 4687-97	12.9	36
338	Neutron and X-ray diffraction study of ferrite nanocrystals obtained by microwave-assisted growth. A structural comparison with the thermal synthetic route. <i>Journal of Applied Crystallography</i> , <b>2014</b> , 47, 414-420	3.8	36
337	Low Temperature Stabilization of Nanoscale Epitaxial Spinel Ferrite Thin Films by Atomic Layer Deposition. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 5368-5374	15.6	36
336	Size-controlled spontaneously segregated Ba <sub>2</sub> YTaO <sub>6</sub> nanoparticles in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> nanocomposites obtained by chemical solution deposition. <i>Superconductor Science and Technology</i> , <b>2014</b> , 27, 044008	3.1	36
335	Low Temperature Epitaxial Oxide Ultrathin Films and Nanostructures by Atomic Layer Deposition. <i>Chemistry of Materials</i> , <b>2012</b> , 24, 3732-3737	9.6	36

334	Single-Crystalline La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> Nanowires by Polymer-Template-Directed Chemical Solution Synthesis. <i>Advanced Materials</i> , <b>2008</b> , 20, 3672-3677	24	36
333	Critical state in finite type-II superconducting rings. <i>Physical Review B</i> , <b>2005</b> , 71,	3.3	36
332	High pinning performance of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> films added with Y <sub>2</sub> O <sub>3</sub> nanoparticulate defects. <i>Superconductor Science and Technology</i> , <b>2015</b> , 28, 024002	3.1	35
331	Guided vortex motion in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> thin films with collective ratchet pinning potentials. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	35
330	Solution-derived YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> nanocomposite films with a Ba <sub>2</sub> YTaO <sub>6</sub> secondary phase for improved superconducting properties. <i>Superconductor Science and Technology</i> , <b>2013</b> , 26, 015001	3.1	35
329	Solution design for low-fluorine trifluoroacetate route to YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> films. <i>Superconductor Science and Technology</i> , <b>2016</b> , 29, 024002	3.1	34
328	Mechanisms of nanostructural and morphological evolution of CeO <sub>2</sub> functional films by chemical solution deposition. <i>Nanotechnology</i> , <b>2005</b> , 16, 1809-1813	3.4	34
327	Anisotropic vortex plasticity in the liquid state of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> : evidence for quenched c-axis vortex correlation length. <i>Physical Review Letters</i> , <b>2000</b> , 84, 1571-4	7.4	34
326	Emerging Diluted Ferromagnetism in High- Superconductors Driven by Point Defect Clusters. <i>Advanced Science</i> , <b>2016</b> , 3, 1500295	13.6	34
325	Band Gap Tuning of Solution-Processed Ferroelectric Perovskite BiFe Co O Thin Films. <i>Chemistry of Materials</i> , <b>2019</b> , 31, 947-954	9.6	34
324	One-pot synthesis of stable colloidal solutions of MFe <sub>2</sub> O <sub>4</sub> nanoparticles using oleylamine as solvent and stabilizer. <i>Materials Research Bulletin</i> , <b>2013</b> , 48, 966-972	5.1	33
323	Strain-driven broken twin boundary coherence in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> nanocomposite thin films. <i>Applied Physics Letters</i> , <b>2013</b> , 102, 081906	3.4	33
322	Stable vortex configurations in superconducting 2D antidot clusters. <i>Applied Physics Letters</i> , <b>1997</b> , 70, 3155-3157	3.4	33
321	Stress-induced spontaneous dewetting of heteroepitaxial YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> thin films. <i>Physical Review B</i> , <b>2006</b> , 73,	3.3	33
320	Vortex liquid entanglement in twinned YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> /Y <sub>2</sub> BaCuO <sub>5</sub> composite superconductors. <i>Physical Review B</i> , <b>1999</b> , 60, 13099-13106	3.3	33
319	Piezo-generated charge mapping revealed through direct piezoelectric force microscopy. <i>Nature Communications</i> , <b>2017</b> , 8, 1113	17.4	32
318	The thermal decomposition of barium trifluoroacetate. <i>Thermochimica Acta</i> , <b>2012</b> , 544, 77-83	2.9	32
317	Spontaneous Outcropping of Self-Assembled Insulating Nanodots in Solution-Derived Metallic Ferromagnetic La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> Films. <i>Advanced Functional Materials</i> , <b>2009</b> , 19, 2139-2146	15.6	32

316	Green tea catechin inhibits fatty acid synthase without stimulating carnitine palmitoyltransferase-1 or inducing weight loss in experimental animals. <i>Anticancer Research</i> , <b>2008</b> , 28, 3671-6	2.3	31
315	Disentangling vortex pinning landscape in chemical solution deposited superconducting YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> films and nanocomposites. <i>Superconductor Science and Technology</i> , <b>2018</b> , 31, 034004	3.1	30
314	Isotropic and anisotropic pinning in TFA-grown YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> films with BaZrO <sub>3</sub> nanoparticles. <i>Superconductor Science and Technology</i> , <b>2011</b> , 24, 125010	3.1	30
313	Atomically Flat Surface: The Key Issue for Solution-Derived Epitaxial Multilayers. <i>Applied Physics Express</i> , <b>2008</b> , 1, 121701	2.4	30
312	Simultaneous determination of grain and grain-boundary critical currents in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> -coated conductors by magnetic measurements. <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	30
311	Interaction between solution derived BaZrO <sub>3</sub> nanodot interfacial templates and YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> films leading to enhanced critical currents. <i>Acta Materialia</i> , <b>2011</b> , 59, 2075-2082	8.4	29
310	Self-seeded YBCO welding induced by Ag additives. <i>Physica C: Superconductivity and Its Applications</i> , <b>2001</b> , 363, 75-79	1.3	29
309	High oxygen pressure generation of flux-pinning centers in melt-textured YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> . <i>Applied Physics Letters</i> , <b>1999</b> , 75, 1952-1954	3.4	29
308	Breast Cancer Stem Cell Culture and Enrichment Using Poly( $\epsilon$ -Caprolactone) Scaffolds. <i>Molecules</i> , <b>2016</b> , 21, 537	4.8	29
307	Thermal analysis of metal organic precursors for functional oxide preparation: Thin films versus powders. <i>Thermochimica Acta</i> , <b>2015</b> , 601, 1-8	2.9	28
306	Critical state in superconducting single-crystalline YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> foams: Local versus long-range currents. <i>Physical Review B</i> , <b>2004</b> , 70,	3.3	28
305	Quench in bulk HTS materials - application to the fault current limiter. <i>Superconductor Science and Technology</i> , <b>2000</b> , 13, 493-497	3.1	28
304	Synthesis of nanocrystalline ceria thin films by low-temperature thermal decomposition of Ce-propionate. <i>Thin Solid Films</i> , <b>2012</b> , 520, 1949-1953	2.2	27
303	Flexible manufacturing of functional ceramic coatings by inkjet printing. <i>Thin Solid Films</i> , <b>2013</b> , 548, 489-497		27
302	Nanoscale magnetic structure and properties of solution-derived self-assembled La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> islands. <i>Journal of Applied Physics</i> , <b>2012</b> , 111, 024307	2.5	27
301	Anisotropic c-axis pinning in interfacial self-assembled nanostructured trifluoroacetate-YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> films. <i>Applied Physics Letters</i> , <b>2009</b> , 94, 172513	3.4	26
300	(-)-Epigallocatechin 3-Gallate Synthetic Analogues Inhibit Fatty Acid Synthase and Show Anticancer Activity in Triple Negative Breast Cancer. <i>Molecules</i> , <b>2018</b> , 23,	4.8	25
299	Decomposition processes and structural transformations of cerium propionate into nanocrystalline ceria at different oxygen partial pressures. <i>Journal of Nanoparticle Research</i> , <b>2011</b> , 13, 4085-4096	2.3	25

298	Disentangling Epitaxial Growth Mechanisms of Solution Derived Functional Oxide Thin Films. <i>Advanced Materials Interfaces</i> , <b>2016</b> , 3, 1600392	4.6	24
297	Obesity paradox and risk of sudden death in heart failure results from the MUerte Subita en Insuficiencia cardiaca (MUSIC) study. <i>American Heart Journal</i> , <b>2011</b> , 161, 158-64	4.9	24
296	Orientation and shape selection of self-assembled epitaxial Ce <sub>1-x</sub> GdxO <sub>2</sub> nanostructures grown by chemical solution deposition. <i>CrystEngComm</i> , <b>2011</b> , 13, 6719	3.3	24
295	Thermoanalytical study of the formation mechanism of yttria from yttrium acetate. <i>Thermochemica Acta</i> , <b>2011</b> , 521, 84-89	2.9	24
294	Fatty acid synthase expression and its association with clinico-histopathological features in triple-negative breast cancer. <i>Oncotarget</i> , <b>2017</b> , 8, 74391-74405	3.3	24
293	Epitaxial superconducting GdBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> /Gd <sub>2</sub> O <sub>3</sub> nanocomposite thin films from advanced low-fluorine solutions. <i>Superconductor Science and Technology</i> , <b>2017</b> , 30, 125010	3.1	23
292	Control of nanostructure and pinning properties in solution deposited YBaCuO nanocomposites with preformed perovskite nanoparticles. <i>Scientific Reports</i> , <b>2019</b> , 9, 5828	4.9	23
291	Resistive switching in CeO <sub>2</sub> /La <sub>0.8</sub> Sr <sub>0.2</sub> MnO <sub>3</sub> bilayer for non-volatile memory applications. <i>Microelectronic Engineering</i> , <b>2015</b> , 147, 37-40	2.5	23
290	Biaxial texture analysis of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> -coated conductors by micro-Raman spectroscopy. <i>Physical Review B</i> , <b>2004</b> , 70,	3.3	23
289	Ultra-fast microwave-assisted reverse microemulsion synthesis of Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> core-shell nanoparticles as a highly recyclable silver nanoparticle catalytic platform in the reduction of 4-nitroaniline. <i>RSC Advances</i> , <b>2016</b> , 6, 88762-88769	3.7	22
288	Pinning regimes of grain boundary vortices in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> -x coated conductors. <i>Physical Review B</i> , <b>2006</b> , 73,	3.3	22
287	High critical current YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> artificial joints using Ag foils as welding agent. <i>Superconductor Science and Technology</i> , <b>2004</b> , 17, 182-185	3.1	22
286	In-field Hall probe mapping system for characterization of YBCO welds. <i>IEEE Transactions on Applied Superconductivity</i> , <b>2003</b> , 13, 3136-3139	1.8	22
285	Characterization of superconducting rings using an in-field Hall probe magnetic mapping system. <i>IEEE Transactions on Applied Superconductivity</i> , <b>2003</b> , 13, 3667-3670	1.8	22
284	Enhanced critical currents in melt textured YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> by cold isostatic pressing. <i>Applied Physics Letters</i> , <b>1999</b> , 74, 73-75	3.4	22
283	ABS 3D printed solutions for cryogenic applications. <i>Cryogenics</i> , <b>2017</b> , 82, 30-37	1.8	21
282	Role of twin boundaries on vortex pinning of CSD YBCO nanocomposites. <i>Superconductor Science and Technology</i> , <b>2014</b> , 27, 125009	3.1	21
281	Growth of ferroelectric Ba <sub>0.8</sub> Sr <sub>0.2</sub> TiO <sub>3</sub> epitaxial films by ultraviolet pulsed laser irradiation of chemical solution derived precursor layers. <i>Applied Physics Letters</i> , <b>2015</b> , 106, 262903	3.4	21

280	Structural defects in trifluoroacetate derived YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> thin films. <i>Superconductor Science and Technology</i> , <b>2012</b> , 25, 065009	3.1	21
279	Low-power superconducting motors. <i>Superconductor Science and Technology</i> , <b>2008</b> , 21, 034010	3.1	21
278	Atomically flat MOD La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> buffer layers for high critical current YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> TFA films. <i>Superconductor Science and Technology</i> , <b>2007</b> , 20, S230-S238	3.1	21
277	All-chemical YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> coated conductors on IBAD-YSZ stainless steel substrates. <i>Superconductor Science and Technology</i> , <b>2006</b> , 19, L1-L4	3.1	21
276	Ultrafast Epitaxial Growth Kinetics in Functional Oxide Thin Films Grown by Pulsed Laser Annealing of Chemical Solutions. <i>Chemistry of Materials</i> , <b>2016</b> , 28, 6136-6145	9.6	21
275	PLA Electrospun Scaffolds for Three-Dimensional Triple-Negative Breast Cancer Cell Culture. <i>Polymers</i> , <b>2019</b> , 11,	4.5	20
274	Nanocrystalline Ferroelectric BiFeO <sub>3</sub> Thin Films by Low-Temperature Atomic Layer Deposition. <i>Chemistry of Materials</i> , <b>2015</b> , 27, 6322-6328	9.6	20
273	Epigenetic silencing of TGFBI confers resistance to trastuzumab in human breast cancer. <i>Breast Cancer Research</i> , <b>2019</b> , 21, 79	8.3	20
272	Single crystalline La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> molecular sieve nanowires with high temperature ferromagnetism. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 4053-61	16.4	20
271	Self-organized Ce(1-x)Gd(x)O(2-y) nanowire networks with very fast coarsening driven by attractive elastic interactions. <i>Small</i> , <b>2010</b> , 6, 2716-24	11	20
270	Growth of strain-induced self-assembled BaZrO <sub>3</sub> nanodots from chemical solutions. <i>Surface Science</i> , <b>2007</b> , 601, 2680-2683	1.8	20
269	In-plane Mg doping in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> : influence on the superconducting anisotropy. <i>Superconductor Science and Technology</i> , <b>2000</b> , 13, 1067-1073	3.1	20
268	DUSP4 is associated with increased resistance against anti-HER2 therapy in breast cancer. <i>Oncotarget</i> , <b>2017</b> , 8, 77207-77218	3.3	20
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255	Nanostructured Superconductors with Efficient Vortex Pinning <b>2011</b> , 303-349		18
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126	Combinatorial Screening of Cuprate Superconductors by Drop-On-Demand Inkjet Printing. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 9101-9112	9.5	6
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