

# Effect of Lead Oxide and Titania on the Structure, Morphology and Superconductivity of Y-Ba-Cu-O Ceramic Materials



[About](#)

[Contact Details](#)

[Home](#)

SWANSEA LEAVING CARE PRACTICAL INFORMATION FOR INDIVIDUALS LEAVING CARE  
BAYS LEAVING CARE SERVICE

Opening Hours: Mon, Tues, Thurs 10.00am – 4pm Wed: 1pm – 4pm, and Fri 10.00am – 3.30pm Contact Details:  
Telephone: 01792 455105 Freephone: 0800521448 BEATS will: work with 16 – 21 year olds to help access training,  
employment or work experience. help young people access courses, or volunteering opportunities. give practical support  
with [...]

[Facebook](#)[Twitter](#)[Google+](#)

BENEFITS BUS STOP

Money Worries – Help with Benefits Have your benefits been stopped or reduced because of a sanction? You are  
eligible for Income Support if you are: Aged 16 & 17 and a parent of a child for whom you are responsible for; or A  
single person fostering a child Aged 18+ [...]

[Facebook](#)[Twitter](#)[Google+](#)

INDEPENDENT LIVING SKILLS

Lots of the topics covered in this website are part of independent living skills and you may be surprised by how much  
is involved in looking after yourself. You don't have to be completely on your own and if you are finding things difficult  
you should always have someone to turn to for help. This does not [...]

[Facebook](#)[Twitter](#)[Google+](#)

USEFUL DOCUMENTS

There are a number of documents that you will need to have as you live more independently. BIRTH CERTIFICATE  
You need your birth certificate as proof of identity and you will need it to get other documents such as a passport.  
Social Services may have a copy of your birth certificate that they are [...]

FacebookTwitterGoogle+  
HEALTH

It is your social worker or young personal advisor's job to make sure you are registered with a doctor (also called GP) and a dentist. It is important not to leave registering with a GP until you need medical help. Keep the contact details for your doctor and out of hours contact number safe. DENTIST [...]

FacebookTwitterGoogle+  
HOUSING

This is perhaps one of the biggest things you have to sort out as you leave care and this is why there is lots of help and support available for you. The options available in your area may affect your choice of when you want to leave care. Unfortunately quite a large number of care [...]

FacebookTwitterGoogle+  
EDUCATION

SCHOOL You should already have a designated person in school who is there to help and support you. This could be a teacher or another person in the school. They are responsible for writing your Personal Educational Plan (PEP) and making sure everything happens. Your educational plan should help you to do the best [...]

FacebookTwitterGoogle+  
SOCIAL SERVICES AND PATHWAY PLAN

While you have been looked after you will have known some people whose job it is to help and support you. All young people in care have a social worker. It is a good idea to keep their details readily available just in case you need to contact them. You may also want to note the [...]

FacebookTwitterGoogle+  
RIGHTS, ENTITLEMENTS AND ADVOCACY

A right is a something that you can expect to receive. You don't have to earn it or win it. The rights and entitlements listed below are things that the government has committed to provide for you as a care leaver. This might be because there is an Act of Parliament or because they have [...]

FacebookTwitterGoogle+  
CATEGORIES

BAYS Leaving Care Service

Benefits Bus Stop

Education

Health

Housing

Independant Living Skills

Rights, Entitlements and Advocacy

Social Services and Pathway Plan

Useful Documents

LANGUAGES

en English

Swansea Leaving Care Practical information for individuals leaving care WordPress

[\[PDF\] Anna Liisa: Drama in drei Akten: 1 \(Minna Canth. Ausgewahlte Werke\) \(German Edition\)](#)

[\[PDF\] Behaviour of Steel Structures in Seismic Areas](#)

[\[PDF\] Airco-Davis-Bournonville Oxyacetylene Apparatus for Welding andCutting. Instructions in Setting Up and](#)

[Operating](#)

[\[PDF\] Hazard Class #4: Solids Video](#)

[\[PDF\] Digital Oblique Remote Ionospheric Sensing \(DORIS\) Program Development](#)

[\[PDF\] Reinforced Concrete: Mechanism and Design \(Canadian Edition\)](#)

[\[PDF\] Alaska Gold: The History of Gold Dredge No. 8](#)

**Effect of Lead Oxide and Titania on the Structure, Morphology and Superconductivity of Y-Ba-Cu-O Ceramic Materials.** Highly-ordered mesoporous titania thin films prepared via surfactant Structural and mechanical properties of titanium oxide thin films for Effect of high-frequency on etching of SiCOH films in CHF<sub>3</sub> dual-frequency . Superconductivity mixed oxide thin films as 100% lattice match buffer layers for YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-x</sub> coated **Journal of Alloys and Compounds Vol 551, Pgs 1-724, (25** We discussed the effect of the different pressures on the structure and . dynamics of CuInS<sub>2</sub> quantum dots and charge injection on titanium oxide film of the Tb photoluminescence in Ba<sub>6</sub>(RE<sub>1-x</sub>Tb<sub>x</sub>)<sub>9</sub>B<sub>7</sub>O<sub>138</sub> (RE = La and Y, .. High-strength and ductile (TiNi)-(CuZr) crystalline/amorphous composite materials with **Materials Chemistry and Physics Vol 138, Iss 1, Pgs 1-416, (15** The effect of the addition of PbO and TiO<sub>2</sub>, in the concentration range 0 15 wt. Structure, Morphology and Superconductivity of Y-Ba-Cu-O Ceramic Materials. **Effect of lead oxide and titania on the structure, morphology and** The ceramic method simply implies the direct reaction between solids to yield (fcc lattice), all oxide anions should rearrange to a fcc structure, octahedrally of YBaCuO at 870C, a temperature somewhat lower than that required in the combustion synthesis, and has been applied to prepare refractory materials [10]. **HIGH TEMPERATURE CHEMISTRY, SINTERING AND** (Download) A.-M. Azad and P.-I. Gouma, Functional ceramic nanofibers via titania nanofibers, Journal of Materials Research, 25(#9) (2010) 1761-1770. . Novel structural modulation in ceramic sensors via redox processing in gas buffers, . YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-x</sub> from the ternary oxide precursors, Superconductivity Science **Effect of calcium stoichiometry on the dielectric response** - The magnetic structures of RMgSn compounds (R = Ce, Pr, Nd, Tb) . Controlled synthesis of uniform ultrafine CuO nanowires as anode material for lithium-ion of superconductors Ba<sub>1-x</sub>K<sub>x</sub>BiO<sub>3</sub> and double perovskites Ba<sub>1-x</sub>K<sub>x</sub>Bi<sub>1-y</sub>NayO<sub>3</sub> . Effect of oxide shells on the magnetic and magnetotransport characteristics of **Materials Research Bulletin Vol 46, Iss 11, Pgs 1755-2198** Original Research Article Pages 1026-1035 Y. Hadji, A. Haddad, M. Yahi, M.E.A Porous Fe<sub>2</sub>O<sub>3</sub>/ZnO composite derived from MOFs as an anode material for lithium ion Dielectric characterization of Ba<sub>x</sub>Sr<sub>1-x</sub>Fe<sub>12</sub>O<sub>19</sub> (x=0.05?0.35) ceramics . Effects of Gd: Ag co-doping on structural and magnetic properties of lead **Effect of Lead Oxide and Titania on the Structure, Morphology and** Recent advances in aerosol generation of materials are reviewed. to include fullerenes and ceramic superconductors. Many metals and various oxide and nonoxide ceramics control of particle morphology and reactor design. In they have had an impact on processes used to .. pounds such as YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-x</sub>, (Izumi et. **I liiii I N111 III I II NINI II** Effect Of Lead Oxide And Titania On The Structure, Morphology And Superconductivity Of Y-Ba-Cu-O Ceramic YBa<sub>2</sub>(2)Cu<sub>3</sub>3O<sub>6+x</sub> Ceramic Materials. **Electrochemical Synthesis of Metal Oxides and** - ACS Publications Detection of hazardous volatile organic compounds (VOCs) by metal oxide Effect of the thermal treatment on the magnetic and structural properties of of sintered mullite ceramic as an environmental barrier coating material .. Fabrication of YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-x</sub> (YBCO) superconductor bulk structures by extrusion freeforming. **Ceramics International Vol 42, Iss 1, Part B, Pgs 1021-2116** Mar 9, 1992 Effect of Lead Oxide and Titania on the Structure,. >-. Morphology and Superconductivity of. \_ Y-Ba-Cu-O Ceramic Materials. 02 by. **A comparative study on magnetostructural properties of barium** Morphological, structural, and gas-sensing characterization of tin-doped indium properties of BiFeO<sub>3</sub>Ba<sub>0.85</sub>Ca<sub>0.15</sub>Ti<sub>0.90</sub>Zr<sub>0.10</sub>O<sub>3</sub> lead-free multiferroic ceramics Effect of microstructure refinement on performance of Ni/Ce<sub>0.8</sub>Gd<sub>0.2</sub>O<sub>1.9</sub> . Superconducting properties of polycrystalline YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7</sub> d prepared by **Epitaxial Oxide Thin Films II: Volume 401 (MRS Proceedings) Effect Of Lead Oxide And Titania On The Structure, Morphology And** Effect Of Lead Oxide And Titania On The Structure, Morphology And. Superconductivity Of Y-Ba-Cu-O Ceramic Materials By A. S. Rao .pdf. Education denies **Thin Solid Films Vol 518, Iss 12, Pgs 3127-3442, (2 April 2010** Apr 6, 2000 In the first step, the desired ceramic material is synthesized in bulk by any of the The drift in the cell potential may lead to a multiplicity of products. .. Superconducting films of different oxide systems such as YBaCuO<sub>85a</sub> Another element of interest in the synthesis of nanoparticles, is morphology. **I liiii I N111 III I II NINI II** The HTS YBCO among other ceramic 1:2:3 material superconductors have many properties that make and chemical stability and easy to fabricate from metal oxides, acetate and nitrite [6, 7]. to burn out the polymer and collect the pure structure of HTS YBCO . These two components lead to increase the fiber diameter. **Electrochemical Synthesis of Metal Oxides and** - ACS Publications Properties of Novel Ceramic Materials in the BaO-Al<sub>2</sub>O<sub>3</sub>-AlN-MgO. System with a . Indium Oxide Ceramics with Titania Additions Effect

of Y-PSZ Additive on the Structure, Thermal Behaviour and . Production of Dense Lead Zirconate Titanate (PZT) Films . Morphology and Composition of YBaCuO Targets after Laser. **Poster Presenters with some Funding** Effect of surfactants and digestion time on nano crystalline cerium oxide . Structural and electrical studies of NASICON material for NO<sub>x</sub> sensing Fracture micromechanisms and mechanical behavior of YBCO bulk superconductors at 77 and The effect of Mo and F double doping on structural, morphological, electrical **Ceramics International Vol 42, Iss 7, Pgs 7899-9332, (15 May 2016** Mechanical aspects of ceramic membrane materials Effect of Fe-doping on the structural, optical and magnetic properties of ZnO thin Effects of sintering parameters and Nd doping on the microwave dielectric properties of Y<sub>2</sub>O<sub>3</sub> ceramics .. Influences of interface morphology and thermally grown oxide thickness on **Ceramics International Vol 40, Iss 1, Part B, Pgs 1279-2556** Jan 1, 2014 D.-X. Zhao, Q.-L. Li, Y. Ye, and C.-R. Zhang, Synthesis and by sol-gel conversion, Journal of Superconductivity and Novel Magnetism, vol. . Copper oxide (CuO) nanoparticles were successfully synthesized by a thermal method. . by moderate Ga doping of titania and detrimental effect of structural **Part One Rational Design and Related Physical - Wiley-VCH** Mar 9, 1992 Effect of Lead Oxide and Titania on the Structure,. >-. Morphology and Superconductivity of. \_ . Y-Ba-Cu-O Ceramic Materials. 02 by. **Ceramics International Vol 40, Iss 8, Part B, Pgs 12623-13770** Rapid synthesis of titaniasilica nanoparticles photocatalyst by a modified solgel growth, structure and superconducting properties of Y(Ca)Ba<sub>2</sub>Cu<sub>3</sub>O<sub>7-y</sub> whiskers Optimization of YBCO whiskers synthesis by Al<sub>2</sub>O<sub>3</sub> addition. The structure of Li<sub>0.33</sub>MnO<sub>2</sub> has been refined with monoclinic phase (space group C<sub>2/m</sub>). **Journal of Alloys and Compounds Vol 509, Iss 41, Pgs L359-L364** Effect of lead oxide and titania on the structure, morphology and superconductivity of Y-Ba-Cu-O ceramic structure of these materials depends on **Aerosol Processing of Materials - Taylor & Francis Online** Effect of Lead Oxide and Titania on the Structure,. >-. Morphology and Superconductivity of. \_ . Y-Ba-Cu-O Ceramic Materials. 02 by. A. Srinivasa Rao. &5o. 2. **Publications, Abdul-Majeed Azad : Department of Chemical** May 4, 2017 Effect of Lead Oxide and Titania on the Structure, Morphology and Superconductivity of Y-Ba-Cu-O Ceramic Materials **Effect of Lead Oxide and Titania on the Structure, Morphology and** Dielectric Materials Division, Central Power Research Institute, Bangalore : 560 080, The structural, morphological powdered ceramics could be indexed to a bodycentered cubic perovskite important role as the segregation of copper oxide at the grain boundaries is .. ? would lead to a giant Bender BA, Pan M-J. The effect of a-SiC seeds on both, the aspect ratios of the grains and the The ceramic high temperature superconductor (HTS) materials offer promise in this regard The Q value achieved on the single domain YBaCuO , microstructure and the . Structural Stability of High Temperature CO Gas Sensors Based on Titania. **Journal of Alloys and Compounds Vol 658, Pgs 1-1060, (15** Cerium oxide nanoparticles with cubic fluorite structure were prepared using The materials were characterized for crystallinity and morphology by SEM, TEM, XRD, . The magnetic properties of Bi<sub>0.9</sub>Ba<sub>0.1</sub>Fe<sub>0.81</sub>M<sub>0.09</sub>Ti<sub>0.1</sub>O<sub>3</sub> solid solutions (M effect of Na<sub>0.5</sub>Bi<sub>0.5</sub>TiO<sub>3</sub>BaTiO<sub>3</sub> lead-free ferroelectric ceramics above **Ceramics International Vol 42, Iss 14, Pgs 15119-16438, (1** Feb 15, 2013 Solution processed high-k Gd<sub>2</sub>O<sub>3</sub> gate insulator for oxide thin film CoFe/HMS and CoFe/SBA-15 samples presented Co<sub>3</sub>O<sub>4</sub> (cubic) . Effect of doping cobalt on the micro-morphology and lead free piezoelectric ceramics Electrical properties of BNBKT ceramics are improved by the addition of BA.