

Keyword Index

- Actuators, 1395, 1425, 1485, 2011
- Al₂O₃, 1993, 2031, 2081
- Alkaline earth oxides, 1723
- Aluminium nitride, 2075
- Ba(Mg_{1/3}Ta_{2/3})O₃, 1705
- Base metal electrodes multilayer capacitors, 1681
- BaTiO₃, 1327
- BaTiO₃ and titanates, 1333, 1479, 1547, 1633, 1637, 1643, 1649, 1653, 1657, 1673, 1689, 1739, 1893, 1899, 1977, 1981, 2019, 2131
- BIMEVOX, 1821, 1825
- Bipolar pulse, 1391
- Calcination, 1669, 1951
- Capacitors, 1597, 1637, 1643, 1649, 1681, 1685
- Carbon, 2095
- CeO₂, 1525, 1763, 1967
- Ceramics, 1561
- Chemical properties, 1961, 2103
- Chemical solution deposition, 1597
- Citrate-gel process, 1887
- Co-doping, 1931
- Co-firing, 1937
- Composites, 1387, 1455, 1459, 1463, 1503, 1535, 1821, 1825, 1971, 2025
- Copper sulfides, 2113
- Crystal structure, 1779
- Decomposition mechanism, 2145
- Defects, 1425, 1637, 1673, 1793, 1817, 1893, 1967, 2141
- Degradation, 1437
- Densification behavior, 1367
- Dielectric properties, 1279, 1295, 1303, 1307, 1313, 1319, 1323, 1327, 1333, 1341, 1343, 1353, 1357, 1479, 1535, 1561, 1565, 1581, 1589, 1605, 1643, 1653, 1661, 1665, 1669, 1681, 1685, 1689, 1699, 1711, 1715, 1719, 1723, 1731, 1735, 1739, 2019, 2123, 2135
- Dielectric properties, electrical properties, 1547
- Dielectrical properties, 1693
- Diffusion, 1743, 2015
- Domain switching, 1417
- Domain switching (–), 1349
- D.ZrO₂, 2057
- EBIC, 2127
- Electrical conductivity, 1473, 1525, 1633, 1673, 1749, 1759, 1769, 1783, 1787, 1793, 1817, 1831, 1837, 1883, 1961, 1967, 2037, 2089, 2145
- Electrical properties, 1279, 1327, 1499, 1547, 1597, 1633, 1649, 1673, 1743, 1753, 1783, 1805, 1813, 1871, 1875, 1879, 1887, 1941, 1977, 1989, 1997, 2001, 2099, 2109, 2127
- Electrocaloric effect, 1343
- Electron microscopy, 1371, 1403, 1451, 1543, 1557, 1597, 1723, 1769, 1787, 1905, 1925, 1951, 2099, 2117, 2123, 2127, 2145, 2149
- Electronics ceramic, 2085
- Failure analysis, 1429
- Fatigue, 1421, 1589
- Ferrites, 1479, 1925, 1931, 1937, 1945, 1951
- Ferroelectric, 1433
- Ferroelectric properties, 1307, 1313, 1319, 1323, 1337, 1343, 1349, 1353, 1377, 1391, 1421, 1429, 1495, 1509, 1513, 1517, 1553, 1565, 1569, 1577, 1593, 1601, 1615, 1619, 1625, 1665, 1905, 2131, 2135
- Fibres, 1455, 1459
- Films, 1279, 1441, 1445, 1513, 1517, 1521, 1525, 1529, 1535, 1539, 1543, 1553, 1557, 1565, 1569, 1573, 1577, 1585, 1593, 1601, 1605, 1609, 1615, 1619, 1711, 1843, 1861, 1925, 1957, 1985, 1989, 1997, 2001, 2005, 2015, 2057, 2095, 2099, 2109, 2113
- Filters, 1997
- Fracture, 1417, 1421, 1425, 1433
- FTIR, 1711
- Fuel cells, 1775, 1779, 1805, 1813, 1817, 1843, 1847, 1855, 1861, 1867
- Functional applications, 1279, 1337, 1383, 1469, 1593, 1601, 2005
- Functionally graded materials, 1653, 2025
- Glass ceramics, 1693, 1993, 1997, 2015
- Glass crystallization, 1941
- Grain boundaries, 1749, 1753, 1837, 1847, 1899, 2031, 2127
- Grain growth, 1753, 1893, 1909, 2031, 2099, 2109, 2117, 2141
- Grain size, 1377, 1441, 1495, 1875, 2019
- Halides, 1759
- Hard magnets, 1951
- Hot pressing, 1327, 1399, 1403, 1851
- Hot-pressing, 1491
- Hydrothermal, 1539
- Hydrothermal processing, 2061
- Hysteresis, 1357
- Image processing, 2149
- Impedance, 1361, 1445, 1749, 1759, 1821, 1825, 1851, 1861, 1981, 2081
- Impedance spectroscopy, 1813
- Impurities, 1383, 1883
- Inclusions, 1909
- Insulators, 2025
- Interfaces, 1279, 1759, 1805, 1977,

- 2141
 Ion exchange, 2015
 Ionic conductivity, 1763, 1797, 1821, 1825, 1831, 1847, 1851, 1867, 1971, 2057
 Joining, 1993, 2025
 Lamination, 1993
 Langasite, 1473
 Lanthanum titanate, 1715
 Laser interferometry, 1387
 Layered perovskites, 1403
 Lead-free piezoelectric materials, 1299
 Lifetime, 1637
 LSCO oxide electrodes, 1543
 LTCC, 1693, 1735
 Magnetic properties, 1479, 1775, 1925, 1941, 1957
 Mechanical properties, 1821, 1825
 Mechanochemical synthesis, 1689
 Membranes, 1763, 1971
 MgO, 1699
 Microelectrodes, 1749
 Microstructure-final, 1399, 1403, 1491, 1499, 1521, 1649, 1851, 1875, 1879, 1887, 1909, 2031, 2051, 2103, 2149
 Microwave ceramics, 1605, 1711
 Microwave dielectrics, 1705, 1719
 Microwave processing, 1693, 1905, 1919, 1937, 1997
 Microwave resonators, 1715, 1727
 Microwave sintering, 2085
 Milling, 1399, 1649, 2071
 Mn additive, 1299
 Modelling, 1455
 Morphology, 1673
 Multilayers, 2011
 Nanocomposites, 1479, 2057, 2095
 Niobate, 2041
 Niobates, 1399, 1521, 1569, 1689, 1719, 2015, 2123
 Nitrate solution, 2041
 Nitrides, 1573
 Non-destructive evaluation, 1429
 Octahedral tilting, 1775
 Optical properties, 1521, 1573, 1585, 1625, 1629, 1957
 Oxidation resistance, 1573
 Oxide superconductor, 1919
 Oxide superconductors, 1909, 1913, 2103
 Oxygen coulometry, 1893
 Oxygen permeation, 1763
 Perovskite, 1383, 1665, 1669, 1775, 2037, 2103
 Perovskites, 1299, 1303, 1307, 1341, 1353, 1469, 1503, 1513, 1525, 1529, 1543, 1553, 1565, 1597, 1609, 1615, 1625, 1629, 1661, 1677, 1685, 1723, 1743, 1753, 1763, 1769, 1779, 1797, 1805, 1817, 1831, 1855, 1905, 1941, 1971, 1981, 2041, 2047, 2117, 2141
 Phase equilibria, 1451
 Phase shifter, 2019
 Phase transition, 1295
 Piezoelectric properties, 1299, 1357, 1361, 1367, 1371, 1383, 1391, 1395, 1399, 1409, 1413, 1437, 1441, 1445, 1455, 1459, 1463, 1469, 1473, 1485, 1499, 1609
 Plasma spraying, 1685
 PLZT, 1307, 1313, 1319, 1421, 1429, 1491, 1495, 1557, 1625
 PMN, 1323
 Porosity, 1685, 1945, 2019
 Powder processing routes, 1495
 Powder: chemical preparation, 1739, 2041
 Powder: solid state reaction, 1699
 Powder: solid state reactions, 1731
 Powders: chemical preparation, 1499, 1847, 1855, 1945, 2061, 2075
 Powders: hydrothermal synthesis, 2057
 Powders: solid state reaction, 1451, 1469, 1661, 1913, 2051, 2071
 Powders: solid state reactions, 1341
 Precursors: organic, 1491
 Pressing, 2005
 Processing, 1727
 PT, 1441
 PTC devices, 1905
 Pulse switching, 1619
 Pulsed laser deposition, 1585
 Pyrochlores, 2123
 Pyroelectric coefficient, 1589
 Pyroelectric effect, 1343
 Pyroelectric properties, 1529, 1577
 PZT, 1349, 1353, 1357, 1361, 1367, 1371, 1377, 1387, 1391, 1395, 1413, 1417, 1425, 1437, 1441, 1445, 1451, 1459, 1463, 1469, 1499, 1513, 1535, 1539, 1557, 1577, 1585, 1589, 1619, 2005, 2011, 2131
 Rapid prototyping, 1485
 Rare-earth, 1643
 Relaxation, 1333, 1341
 Relaxor, 1313, 1319, 1665
 Relaxor ferroelectrics, 1303
 Relaxors, 2041
 RF sputtering, 1609
 SAW filter, 1409
 SbSI, 1337
 Scanning nonlinear dielectric microscopy, 1581, 2131, 2135
 Screen printing (-), 1855
 Sensors, 1463, 1473, 1485, 1577, 1677, 1743, 1797, 1867, 1961, 1967, 1971, 1977, 1981, 1985, 1989, 2001, 2051, 2061, 2095
 Sensors and actuators, 1371
 Shaping, 1485, 2005
 SiC, 2089
 Sintering, 1353, 1367, 1377, 1383, 1657, 1719, 1727, 1797, 1851, 1883, 1945, 2067, 2071, 2089
 SiO₂, 1657, 1985
 SnO₂, 1961
 SnO₂ ceramics, 1801
 SnO₂ doping, 1879
 Soft magnets, 1945
 Sol–gel method, 1535
 Sol–gel process, 1593, 2031, 2103
 Sol–gel processes, 1377, 1503, 1509, 1517, 1525, 1529, 1619, 1985, 2047, 2109
 Solidification, 2081
 Spectroscopy, 1307, 1337, 1573, 1615, 1629, 1797
 Spinels, 1783, 1787, 1793, 2051, 2067, 2071, 2145
 SrBi₂Ta₂O₉ (SBT), 2047
 SrTiO₃ and titanates, 1749
 Strontium titanate ferrites, 1831
 Substrates, 1739, 2075
 Superconductivity, 1909, 1913
 Surfaces, 1585, 1743, 1961
 Surfaces, 1677
 Suspensions, 1539, 2075, 2081
 Tantalates, 1295, 1517, 1601, 1719, 2047, 2135
 Tape casting, 1855, 1993, 2011
 TEM microstructure, 1705

- Temperature, 1601
 Texture, 1503
 Thermal conductivity, 2089
 Thermal expansion, 1769, 1831, 2037
 Thermal properties, 1343, 1625, 1951
 Thermistors, 1783, 1787, 1793, 1899, 2067, 2145
 Thick film resistors, 1989, 2001
 Thin films, 1547, 1561
 TiO₂, 1735
 Titanates, 1327
 Toughness and toughening, 1417
 Transducers, 1361, 1445
 Transition metal oxides, 1957
 Varistor, 1879
 Varistors, 1871, 1875, 1887, 2127, 2141
 X-ray method, 1665, 1699
 X-ray methods, 1349, 1403, 1409, 1417, 1451, 1459, 1547, 1557, 1565, 1593, 1609, 1615, 1643, 1669, 1723, 1731, 1779, 1817, 1913, 1925, 2113, 2123
 X-ray studies, 1661
 Y₂O₃, 1861
 Yttria-stabilised zirconia (YSZ), 1843
 Yttrium manganite, 2037
 ZnO, 1581, 1871, 1875, 1879, 1883, 1887, 1913, 1977, 2085, 2109
 ZrO₂, 1837, 1847, 1861
 (1–x)Pb(Sc_{1/2}Nb_{1/2})O₃–xPbTiO₃, 1509
 (1–x)Pb(Yb_{1/2}Nb_{1/2})O₃–xPbTiO₃, 1553