# BoÅ¼ena Hilczer

List of Publications by Year
in descending order



| 61 | 616 | 758635 12 | 676716 22 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 66 | 66 | 66 | 740 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Structure, dielectric and electric properties of diisobutylammonium hydrogen sulfate crystal. Journal of Solid State Chemistry, 2018, 258, 753-761. | 1.4 | 2 |
| 2 | Influence of Preparation Conditions on Final Dielectric Properties of Pure and Ca-Doped BaTiO3 Ceramics. Lecture Notes in Mechanical Engineering, 2018, , 941-950. | 0.3 | 0 |
| 3 | Impedance spectroscopy studies of proton conductivity in imidazolium malonate. Solid State Ionics, 2017, 306, 25-30. | 1.3 | 8 |
| 4 | Dielectric and magnetic properties of (Bi1-xLaxFeO3)0.5(PbTiO3)0.5 ceramics prepared by high energy mechanochemical technique. Journal of Electroceramics, 2015, 35, 33-44. | 0.8 | 9 |
| 5 | Guest editors' note. Phase Transitions, 2014, 87, 907-908. | 0.6 | 0 |
| 6 | XRD and Raman spectroscopy studies of (Bi<sub>1â€“x</sub>La<sub>x</sub>FeO<sub>3</sub>)<sub>0.5</sub>(PbTiO<sub>3</sub>)<sub>0.5</sub> solid solution. Phase Transitions, 2014, 87, 909-921. | 0.6 | 5 |
| 7 | Proton Conducting Compound of Benzimidazole with Sebacic Acid: Structure, Molecular Dynamics, and Proton Conductivity. Crystal Growth and Design, 2014, 14, 1211-1220. | 1.4 | 23 |
| 8 | Magnetization enhancement in magnetite nanoparticles capped with alginic acid. Composites Part B: Engineering, 2014, 64, 147-154. | 5.9 | 39 |
| 9 | Dielectric response and specific heat studies of Cd2Nb2O7 ceramics obtained from mechano-synthesized nanopowders. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2013, 60, 1603-1611. | 1.7 | 1 |
| 10 | Structure, hydrogen bond network and proton conductivity of new benzimidazole compounds with dicarboxylic acids. CrystEngComm, 2013, 15, 1950. | 1.3 | 30 |
| 11 | BiFeO<sub>3</sub>single crystal as resistive switching element for application in microelectronic devices. Phase Transitions, 2013, 86, 284-289. | 0.6 | 7 |
| 12 | Magnetic properties of BiFeO<sub>3</sub>micro-cubes synthesized by microwave agitation. Phase Transitions, 2013, 86, 748-757. | 0.6 | 8 |
| 13 | Guest editorsâ€™ preface. Phase Transitions, 2013, 86, 111-112. | 0.6 | 0 |
| 14 | Segmental dynamics in poly(vinylidene fluoride) studied by dielectric, mechanical and nuclear magnetic resonance spectroscopies. Polymer Bulletin, 2012, 68, 1121-1134. | 1.7 | 10 |
| 15 | Structure and molecular dynamics of bis-1H-1,2,4-triazole succinic acid complex crystals. CrystEngComm, 2011, 13, 3698. | 1.3 | 13 |
| 16 | Dielectric Relaxation in Confined Ferroelectric Polymer. Ferroelectrics, 2011, 417, 124-135. | 0.3 | 4 |
| 17 | Effect of Processing Conditions on the Dielectric and Raman Response of Electroactive Polymers. Ferroelectrics, 2010, 405, 138-145. | 0.3 | 3 |
| 18 | Ferroelectric perovskite nanopowders obtained by mechanochemical synthesis. Processing and Application of Ceramics, 2010, 4, 99-106. | 0.4 | 11 |

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|---|---|---|---|
| 19 | Mechanochemical reaction in the K2CO3â€“Nb2O5 system. Journal of the European Ceramic Society, 2009, 29, 2999-3006. | 2.8 | 29 |
| 20 | Pyroelectric Thermowave Probing and Polarization Reversal in TGS/PEO Composites. Molecular Crystals and Liquid Crystals, 2008, 497, 109/[441]-120/[452]. | 0.4 | 2 |
| 21 | Raman Scattering Studies of Lead Free (1-x)K<sub>0.5</sub>Na<sub>0.5</sub>NbO<sub>3</sub>-xSrTiO<sub>3</sub> Relaxors. Ferroelectrics, 2008, 369, 149-156. | 0.3 | 28 |
| 22 | Guest Editorial Tribute to Professor Jan Fousek and Professor VÃ¡clav Janovec. Ferroelectrics, 2008, 376, vii-viii. | 0.3 | 0 |
| 23 | Dielectric Properties of (NH4)3H(SO4)2Crystals in Room- and High-Temperature Phases. Ferroelectrics, 2007, 348, 75-81. | 0.3 | 3 |
| 24 | Superionic phase transition in Rb3D(SeO4)2 single crystals. Journal of Power Sources, 2007, 173, 781-787. | 4.0 | 9 |
| 25 | Dielectric Relaxation in K0.5Na0.5NbO3-PVDF Composites. Ferroelectrics, 2006, 338, 159-170. | 0.3 | 11 |
| 26 | Dielectric response of polymer relaxors. Journal of Materials Science, 2006, 41, 117-127. | 1.7 | 24 |
| 27 | Dielectric response of polymer relaxors. , 2006, , 117-127. | | 2 |
| 28 | Raman Scattering Studies of Polymer: Li(N2H5)SO4/Î²-LiNH4SO4Composites. Ferroelectrics, 2004, 303, 181-184. | 0.3 | 0 |
| 29 | Dielectric and Acoustic Response of Biocellulose. Ferroelectrics, 2004, 304, 39-42. | 0.3 | 7 |
| 30 | Dielectric Response and Conformational Disorder in Polymer Relaxors. Ferroelectrics, 2004, 298, 113-121. | 0.3 | 3 |
| 31 | The Space Group Symmetry of PSN, PST and PSNT Ferroelectric Relaxors in the Superparaelectric Phase. Ferroelectrics, 2004, 298, 235-241. | 0.3 | 20 |
| 32 | Dielectric and Pyroelectric Response of PLZT-P(VDF/TrFE) Nanocomposites. Ferroelectrics, 2003, 293, 253-265. | 0.3 | 6 |
| 33 | Dielectric Relaxation and Conformational Disorder in P(VDF/TrFE)(50/50) Copolymer Films Irradiated with Fast Electrons. Ferroelectrics, 2003, 294, 191-201. | 0.3 | 6 |
| 34 | Pyroelectric Response of PZT-PVDF Nanocomposites of (0-3) Connectivity. Ferroelectrics, 2002, 267, 277-284. | 0.3 | 8 |
| 35 | Microcrystals of Calcite in the Pineal Gland of the Human Brain. Ferroelectrics, 2002, 273, 345-350. | 0.3 | 0 |
| 36 | Ferroelastic-Superionic Phase Transition in (NH 4 ) 3 H(SO 4 ) 2 Single Crystals: FT NIR Raman, DSC and Ferroelastic Domain Studies. Ferroelectrics, 2002, 272, 81-86. | 0.3 | 5 |

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|---|---|---|---|
| 37 | Dielectric relaxation in ferroelectric PZTâ€“PVDF nanocomposites. Journal of Non-Crystalline Solids, 2002, 305, 167-173. | 1.5 | 94 |
| 38 | Calcite microcrystals in the pineal gland of the human brain: First physical and chemical studies. Bioelectromagnetics, 2002, 23, 488-495. | 0.9 | 32 |
| 39 | Dielectric behaviour and conformational disorder in polymer relaxors. Ferroelectrics, 2001, 261, 139-148. | 0.3 | 8 |
| 40 | Effect of thermal treatment on dielectric and acoustic properties of P(VDF/TRFE) film. Ferroelectrics, 2001, 258, 241-250. | 0.3 | 3 |
| 41 | Relaxor-like behaviour of P(VDF/TrFE) film irradiated with 1MeV electrons. Ferroelectrics, 2001, 258, 291-296. | 0.3 | 8 |
| 42 | Influence of inter-chain correlations on proton ordering in MeHXO4 protonic conductors. Solid State Ionics, 2001, 145, 211-216. | 1.3 | 8 |
| 43 | Dielectric dispersion in [N(C2H5)4]2ZnCl4single crystal. Ferroelectrics, Letters Section, 2001, 28, 55-65. | 0.4 | 8 |
| 44 | Order-disorder transitions and structural relaxation phenomena in crystals with hydrogen bonds. Ferroelectrics, 2000, 239, 149-156. | 0.3 | 2 |
| 45 | The nature of different behaviour of PSN and PST relaxors. Ferroelectrics, 2000, 240, 1507-1514. | 0.3 | 12 |
| 46 | Structural relaxation in superprotonic tetraammonium dihydrogen triselenate single crystals. Solid State Ionics, 1999, 125, 163-169. | 1.3 | 12 |
| 47 | Domain structure and conductivity in pure and PO4-doped CsDSO4 crystals. Solid State Ionics, 1999, 125, 171-175. | 1.3 | 2 |
| 48 | Pyroelectric response of dye-doped PVDF. Ferroelectrics, 1999, 225, 33-40. | 0.3 | 5 |
| 49 | Pyroelectric response of TGS-PEO composites. Ferroelectrics, 1997, 201, 201-210. | 0.3 | 2 |
| 50 | Pyroelectric homogeneity of corona-charged P(VDF/TrFE) films. Ferroelectrics, 1997, 202, 275-284. | 0.3 | 4 |
| 51 | Relation between the pyroelectric response and the dielectric heterogeneity of PVDF foil. Ferroelectrics, 1996, 184, 131-140. | 0.3 | 9 |
| 52 | Superionic phase transition in CsHSeO<sub>4</sub>and CsDSeO<sub>4</sub>single crystal. Ferroelectrics, 1988, 81, 193-196. | 0.3 | 13 |
| 53 | Effect of the poling temperature on the dielectric properties of oriented PVDF film. Ferroelectrics, 1988, 81, 365-368. | 0.3 | 5 |
| 54 | Protonic Conductivity in Li(N<sub>2</sub>H<sub>5</sub>)SO<sub>4</sub> Single Crystals. Japanese Journal of Applied Physics, 1985, 24, 668. | 0.8 | 5 |

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|---|---|---|---|
| 55 | Spiral patterns on GASH. Ferroelectrics, 1985, 63, 69-76. | 0.3 | 12 |
| 56 | Relationship Between the Growth Temperature and Domain Structure of GASH. Japanese Journal of Applied Physics, 1985, 24, 632. | 0.8 | 2 |
| 57 | Spiral Patterns on Cleavage Surfaces of Ferroelectric Guanidinium Aluminum Sulfate Hexahydrate. Journal of the Physical Society of Japan, 1984, 53, 2778-2783. | 0.7 | 7 |
| 58 | Dielectric and TSC study of semicompatible PVDF/PMMA blends. Polymer Bulletin, 1984, 11, 429-431. | 1.7 | 4 |
| 59 | Study of ferroelectric domain structure of gash single crystals by scanning electron microscope. Ferroelectrics, 1984, 55, 189-192. | 0.3 | 11 |
| 60 | Study of ferroelectric domain structure of lithium ammonium sulphate by scanning electron microscopy and electron microscope decoration technique. Ferroelectrics, 1984, 55, 201-204. | 0.3 | 10 |
| 61 | High Temperature Study of Molecular Motion in Polyphenylene Sulfide by Thermally Stimulated Currents. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1984, 39, 262-266. | 0.7 | 1 |