

Toshio Itoh

List of Publications by Year in descending order

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118
papers

2,100
citations

236925

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302126

39
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118
all docs

118
docs citations

118
times ranked

2351
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Effect of oxygen vacancy sites in exposed crystal facet on the gas sensing performance of ZnO nanomaterial. <i>Journal of the American Ceramic Society</i> , 2022, 105, 2150-2160. | 3.8 | 10 |
| 2 | Examination of VOC Concentration of Aroma Essential Oils and Their Major VOCs Diffused in Room Air. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2904. | 2.6 | 2 |
| 3 | Self-Adaptive Gas Sensor System Based on Operating Conditions Using Data Prediction. <i>ACS Sensors</i> , 2022, 7, 142-150. | 7.8 | 2 |
| 4 | Atomic step formation on porous ZnO nanobelts: remarkable promotion of acetone gas detection up to the parts per trillion level. <i>Journal of Materials Chemistry A</i> , 2022, 10, 13839-13847. | 10.3 | 19 |
| 5 | High Temperature Electrical Properties of Co-Substituted La ₄ BaCu ₅ O ₁₃ + δ Thin Films Fabricated by Sputtering Method. <i>Materials</i> , 2021, 14, 2685. | 2.9 | 0 |
| 6 | CH ₃ SH and H ₂ S Sensing Properties of V ₂ O ₅ /WO ₃ /TiO ₂ Gas Sensor. <i>Chemosensors</i> , 2021, 9, 113. | 3.6 | 13 |
| 7 | Effect of Coordinatively Unsaturated Sites in MOF-Derived Highly Porous CuO for Catalyst-Free ppb-Level Gas Sensors. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100283. | 3.7 | 15 |
| 8 | Effect of Pt electrodes in cerium oxide semiconductor-type oxygen sensors evaluated using alternating current. <i>Sensors and Actuators B: Chemical</i> , 2021, 345, 130396. | 7.8 | 7 |
| 9 | Tin Oxide Nanosheets on Microelectromechanical System Devices for Improved Gas Discrimination. <i>ACS Applied Nano Materials</i> , 2021, 4, 14285-14291. | 5.0 | 9 |
| 10 | Breath analysis using a spirometer and volatile organic compound sensor on driving simulator. <i>Journal of Breath Research</i> , 2020, 14, 016003. | 3.0 | 2 |
| 11 | Catalyst-free Highly Sensitive SnO ₂ Nanosheet Gas Sensors for Parts per Billion-Level Detection of Acetone. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 51637-51644. | 8.0 | 79 |
| 12 | Selective Detection of Target Volatile Organic Compounds in Contaminated Air Using Sensor Array with Machine Learning: Aging Notes and Mold Smells in Simulated Automobile Interior Contaminant Gases. <i>Sensors</i> , 2020, 20, 2687. | 3.8 | 17 |
| 13 | Gas sensor properties of nanopore-bearing Co ₃ O ₄ particles containing Pt or Pd particles. <i>Journal of Asian Ceramic Societies</i> , 2020, 8, 138-148. | 2.3 | 14 |
| 14 | Thermoelectric gas sensors with selective combustion catalysts. <i>Journal of the Ceramic Society of Japan</i> , 2019, 127, 57-66. | 1.1 | 7 |
| 15 | Detection of Human Breath Gas by Ceramic Sensors. <i>Journal of the Mass Spectrometry Society of Japan</i> , 2018, 66, 82-86. | 0.1 | 1 |
| 16 | Decreasing the shell ratio of core-shell type nanoparticles with a ceria core and polymer shell by acid treatment. <i>Solid State Sciences</i> , 2018, 85, 32-37. | 3.2 | 6 |
| 17 | Trial of an All-Ceramic SnO ₂ Gas Sensor Equipped with CaCu ₃ Ru ₄ O ₁₂ Heater and Electrode. <i>Materials</i> , 2018, 11, 981. | 2.9 | 9 |
| 18 | Thermoelectric Array Sensors with Selective Combustion Catalysts for Breath Gas Monitoring. <i>Sensors</i> , 2018, 18, 1579. | 3.8 | 9 |

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|----|--|-----|-----------|
| 19 | Heat transfer control of micro-thermoelectric gas sensor for breath gas monitoring. <i>Sensors and Actuators B: Chemical</i> , 2017, 249, 571-580. | 7.8 | 24 |
| 20 | Relationship between the CO sensing performance of micro-thermoelectric gas sensors and characteristics of PtPd/Co ₃ O ₄ and PtPd/SnO ₂ catalysts. <i>Sensors and Actuators B: Chemical</i> , 2017, 243, 847-855. | 7.8 | 8 |
| 21 | Synthesis of spherical cobalt oxide nanoparticles by a polyol method. <i>Journal of the Ceramic Society of Japan</i> , 2017, 125, 701-704. | 1.1 | 18 |
| 22 | Effect of Core-shell Ceria/Poly(Vinylpyrrolidone) (PVP) Nanoparticles Incorporated in Polymer Films and Their Optical Properties (2): Increasing the Refractive Index. <i>Materials</i> , 2017, 10, 710. | 2.9 | 6 |
| 23 | Mixed-Potential Gas Sensors Using an Electrolyte Consisting of Zinc Phosphate Glass and Benzimidazole. <i>Sensors</i> , 2017, 17, 97. | 3.8 | 4 |
| 24 | Diagnosis by Volatile Organic Compounds in Exhaled Breath from Lung Cancer Patients Using Support Vector Machine Algorithm. <i>Sensors</i> , 2017, 17, 287. | 3.8 | 78 |
| 25 | Selective Detection of Target Volatile Organic Compounds in Contaminated Humid Air Using a Sensor Array with Principal Component Analysis. <i>Sensors</i> , 2017, 17, 1662. | 3.8 | 36 |
| 26 | Development of an Exhaled Breath Monitoring System with Semiconductive Gas Sensors, a Gas Condenser Unit, and Gas Chromatograph Columns. <i>Sensors</i> , 2016, 16, 1891. | 3.8 | 54 |
| 27 | Performance of a carbon monoxide sensor based on zirconia-doped ceria. <i>Journal of Asian Ceramic Societies</i> , 2016, 4, 205-208. | 2.3 | 4 |
| 28 | 12P Volatolomic signatures of anaplastic lymphoma kinase gene rearrangement in adenocarcinoma. <i>Journal of Thoracic Oncology</i> , 2016, 11, S61. | 1.1 | 0 |
| 29 | CO sensing properties of Au/SnO ₂ @Co ₃ O ₄ catalysts on a micro thermoelectric gas sensor. <i>Sensors and Actuators B: Chemical</i> , 2016, 223, 774-783. | 7.8 | 50 |
| 30 | Health care application of gas sensors. <i>Synthesiology</i> , 2015, 8, 211-219. | 0.2 | 6 |
| 31 | Rapid Synthesis and Formation Mechanism of Core-Shell-Structured La-Doped SrTiO ₃ with a Nb-Doped Shell. <i>Materials</i> , 2015, 8, 3992-4003. | 2.9 | 4 |
| 32 | CO Sensing Performance of a Micro Thermoelectric Gas Sensor with AuPtPd/SnO ₂ Catalyst and Effects of a Double Catalyst Structure with Pt/±Al ₂ O ₃ . <i>Sensors</i> , 2015, 15, 31687-31698. | 3.8 | 17 |
| 33 | SnO ₂ Nanosheet/Nanoparticle Detector for the Sensing of 1-Nonanal Gas Produced by Lung Cancer. <i>Scientific Reports</i> , 2015, 5, 10122. | 3.3 | 45 |
| 34 | Sensing Properties of Pd-Loaded Co ₃ O ₄ Film for a ppb-Level NO Gas Sensor. <i>Sensors</i> , 2015, 15, 8109-8120. | 3.8 | 21 |
| 35 | Elimination of Flammable Gas Effects in Cerium Oxide Semiconductor-Type Resistive Oxygen Sensors for Monitoring Low Oxygen Concentrations. <i>Sensors</i> , 2015, 15, 9427-9437. | 3.8 | 9 |
| 36 | Preparation of γ -alumina large grain particles with large specific surface area via polyol synthesis. <i>Ceramics International</i> , 2015, 41, 3631-3638. | 4.8 | 20 |

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|----|---|-----|-----------|
| 37 | Ppm level methane detection using micro-thermoelectric gas sensors with Pd/Al ₂ O ₃ combustion catalyst films. <i>Sensors and Actuators B: Chemical</i> , 2015, 206, 488-494. | 7.8 | 49 |
| 38 | Health care application of gas sensors. <i>Synthesiology</i> , 2015, 8, 214-122. | 0.2 | 2 |
| 39 | Monitoring of disease-related volatile organic compounds in simulated room air. , 2014, , . | | 3 |
| 40 | Thermal Balance Analysis of a Micro-Thermoelectric Gas Sensor Using Catalytic Combustion of Hydrogen. <i>Sensors</i> , 2014, 14, 1822-1834. | 3.8 | 9 |
| 41 | Calorimetric Thermoelectric Gas Sensor for the Detection of Hydrogen, Methane and Mixed Gases. <i>Sensors</i> , 2014, 14, 8350-8362. | 3.8 | 55 |
| 42 | Conductive glass sealants with Ag nanoparticles prepared by a heat reduction process. <i>Journal of Non-Crystalline Solids</i> , 2014, 394-395, 22-28. | 3.1 | 2 |
| 43 | Effects of ethyl cellulose polymers on rheological properties of (La,Sr)(Ti,Fe)O ₃ -terpineol pastes for screen printing. <i>Ceramics International</i> , 2014, 40, 1661-1666. | 4.8 | 29 |
| 44 | Direct scanning electron microscopy-based observation of dispersed core-shell-type nanoparticles in a wet state. <i>Ceramics International</i> , 2014, 40, 16361-16364. | 4.8 | 4 |
| 45 | Polyol synthesis of Al-doped ZnO spherical nanoparticles and their UV-vis-NIR absorption properties. <i>Ceramics International</i> , 2014, 40, 8775-8781. | 4.8 | 22 |
| 46 | Surfactant-assisted synthesis of mono-dispersed cubic BaTiO ₃ nanoparticles. <i>Materials Research Bulletin</i> , 2014, 57, 103-109. | 5.2 | 22 |
| 47 | Preparation of WO ₃ nanoplatelet-based microspheres and their NO ₂ gas-sensing properties. <i>Journal of the Ceramic Society of Japan</i> , 2014, 122, 674-678. | 1.1 | 3 |
| 48 | Nonanal gas sensing properties of platinum, palladium, and gold-loaded tin oxide VOCs sensors. <i>Sensors and Actuators B: Chemical</i> , 2013, 187, 135-141. | 7.8 | 60 |
| 49 | Development of Easy-Handling Ceramic Nanoparticles. , 2013, , 991-1000. | | 1 |
| 50 | CO oxidation performance of Au/Co ₃ O ₄ catalyst on the micro gas sensor device. <i>Catalysis Today</i> , 2013, 201, 85-91. | 4.4 | 22 |
| 51 | Thermoelectric gas sensor with CO combustion catalyst for ppm level carbon monoxide detection. <i>Sensors and Actuators B: Chemical</i> , 2013, 182, 789-794. | 7.8 | 19 |
| 52 | CO Responses of Sensors Based on Cerium Oxide Thick Films Prepared from Clustered Spherical Nanoparticles. <i>Sensors</i> , 2013, 13, 3252-3261. | 3.8 | 21 |
| 53 | NO and NO ₂ Sensing Properties of WO ₃ and Co ₃ O ₄ Based Gas Sensors. <i>Sensors</i> , 2013, 13, 12467-12481. | 3.8 | 103 |
| 54 | Effect of Core-Shell Ceria/Poly(vinylpyrrolidone) (PVP) Nanoparticles Incorporated in Polymer Films and Their Optical Properties. <i>Materials</i> , 2013, 6, 2119-2129. | 2.9 | 21 |

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|----|--|-----|-----------|
| 55 | Effects of noble metal addition on response of ceria thick film CO sensors. Sensors and Actuators B: Chemical, 2012, 171-172, 350-353. | 7.8 | 33 |
| 56 | Influence of particle size and aggregation state of alumina on the rheology of a ceramic paste with an organic binder of ethylene-vinyl acetate copolymer and stearic acid. Ceramics International, 2012, 38, 1591-1597. | 4.8 | 14 |
| 57 | Calibration Gas Preparation for Non-Disposable Portable MOx, PID, and IER VOC Detectors. Sensor Letters, 2012, 10, 985-992. | 0.4 | 6 |
| 58 | Formation mechanism of monodispersed spherical core-shell ceria/polymer hybrid nanoparticles. Materials Research Bulletin, 2011, 46, 1168-1176. | 5.2 | 39 |
| 59 | Planar-type thermoelectric micro devices using ceramic catalytic combustor. Current Applied Physics, 2011, 11, S36-S40. | 2.4 | 16 |
| 60 | CO combustion catalyst for micro gas sensor application. Journal of Materials Science, 2011, 46, 1176-1183. | 3.7 | 11 |
| 61 | Microgenerator Using BiSbTe-Pt Thermopile and Pt-Al ₂ O ₃ Ceramic Combustor. Journal of Electronic Materials, 2011, 40, 817-822. | 2.2 | 6 |
| 62 | Surface Organic Modification of In ₂ O ₃ Nanoparticle Assemblies and Their Flammable Gas Sensing Properties. Science of Advanced Materials, 2011, 3, 853-858. | 0.7 | 1 |
| 63 | Monitoring Breath Hydrogen Using Thermoelectric Sensor. Sensor Letters, 2011, 9, 684-687. | 0.4 | 15 |
| 64 | Alternating Current Impedance Analysis of CeO ₂ Thick Films as Odor Sensors. Sensor Letters, 2011, 9, 703-705. | 0.4 | 5 |
| 65 | Thermoelectric Micro-Multi-Gas Sensor for the Detection of Hydrogen, Carbon Monoxide and Methane. Sensor Letters, 2011, 9, 773-777. | 0.4 | 2 |
| 66 | Thermoelectric hydrogen sensors using Si and SiGe thin films with a catalytic combustor. Journal of the Ceramic Society of Japan, 2010, 118, 188-192. | 1.1 | 17 |
| 67 | XPS study of organic/MoO ₃ hybrid thin films for aldehyde gas sensors: correlation between average Mo valence and sensitivity. Journal of the Ceramic Society of Japan, 2010, 118, 171-174. | 1.1 | 8 |
| 68 | Pt catalytic effects on a resistive oxygen sensor using Ce _{0.9} Zr _{0.1} O ₂ thick film in rich conditions. Journal of the Ceramic Society of Japan, 2010, 118, 175-179. | 1.1 | 1 |
| 69 | Development of an oxide semiconductor thick film gas sensor for the detection of total volatile organic compounds. Electronics and Communications in Japan, 2010, 93, 34-41. | 0.5 | 28 |
| 70 | Effects of High-Humidity Aging on Platinum, Palladium, and Gold Loaded Tin Oxide-Volatile Organic Compound Sensors. Sensors, 2010, 10, 6513-6521. | 3.8 | 42 |
| 71 | Microheater Meander Configurations for Combustion Catalysts in Thermoelectric Gas Sensor. Sensor Letters, 2010, 8, 792-800. | 0.4 | 2 |
| 72 | Resistive Oxygen Sensor Using Ceria-Zirconia Sensor Material and Ceria-Yttria Temperature Compensating Material for Lean-Burn Engine. Sensors, 2009, 9, 8884-8895. | 3.8 | 26 |

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| 73 | Sensing performance of thermoelectric hydrogen sensor for breath hydrogen analysis†. Sensors and Actuators B: Chemical, 2009, 137, 524-528. | 7.8 | 43 |
| 74 | Fabrication of thermoelectric gas sensors on micro-hotplates. Sensors and Actuators B: Chemical, 2009, 139, 340-345. | 7.8 | 25 |
| 75 | Robust hydrogen detection system with a thermoelectric hydrogen sensor for hydrogen station application. International Journal of Hydrogen Energy, 2009, 34, 2834-2841. | 7.1 | 48 |
| 76 | Gas response, response time and selectivity of a resistive CO sensor based on two connected CeO ₂ thick films with various particle sizes. Sensors and Actuators B: Chemical, 2009, 136, 364-370. | 7.8 | 52 |
| 77 | High-Temperature Thermoelectric Measurement of B-Doped SiGe and Si Thin Films. Materials Transactions, 2009, 50, 1596-1602. | 1.2 | 16 |
| 78 | Ceramic catalyst combustors of Pt-loaded-alumina on microdevices. Journal of the Ceramic Society of Japan, 2009, 117, 659-665. | 1.1 | 7 |
| 79 | Preparation of core-shell type cerium oxide/polymer hybrid nanoparticles for ink-jet printing. Journal of the Ceramic Society of Japan, 2009, 117, 769-772. | 1.1 | 13 |
| 80 | Physicochemical properties and microstructures of core-shell type cerium oxide/organic polymer nanospheres. Journal of the Ceramic Society of Japan, 2009, 117, 773-776. | 1.1 | 13 |
| 81 | Preparation of total VOC sensor with sensor-response stability for humidity by noble metal addition to SnO ₂ . Journal of the Ceramic Society of Japan, 2009, 117, 1297-1301. | 1.1 | 26 |
| 82 | Preparation of layered organic-inorganic nanohybrid thin films of molybdenum trioxide with polyaniline derivatives for aldehyde gases sensors of several tens ppb level. Sensors and Actuators B: Chemical, 2008, 128, 512-520. | 7.8 | 60 |
| 83 | Fabrication and performance of free-standing hydrogen gas sensors. Sensors and Actuators B: Chemical, 2008, 129, 1-9. | 7.8 | 14 |
| 84 | Evaluation of response characteristics of resistive oxygen sensors using Ce _{0.9} Zr _{0.1} O ₂ thick film by pressure modulation method. Sensors and Actuators B: Chemical, 2008, 130, 466-469. | 7.8 | 5 |
| 85 | Long-term stability of Pt/alumina catalyst combustors for micro-gas sensor application. Journal of the European Ceramic Society, 2008, 28, 2183-2190. | 5.7 | 25 |
| 86 | Electrode contact study for SiGe thin film operated at high temperature. Applied Surface Science, 2008, 254, 4999-5006. | 6.1 | 2 |
| 87 | Characterizations of interlayer organic-inorganic nanohybrid of molybdenum trioxide with polyaniline and poly(o-anisidine). Materials Chemistry and Physics, 2008, 110, 115-119. | 4.0 | 8 |
| 88 | Preparation of SnO ₂ nanoparticles less than 10 nm in size by precipitation using hydrophilic carbon black powder. Materials Letters, 2008, 62, 313-316. | 2.6 | 10 |
| 89 | VOCs sensing properties of layered organic-inorganic hybrid thin films: MoO ₃ with various interlayer organic components. Materials Letters, 2008, 62, 3021-3023. | 2.6 | 26 |
| 90 | Resistive Type Sensor Using Ceria Thick Film with Nano Particles. Advanced Materials Research, 2008, 47-50, 1522-1525. | 0.3 | 1 |

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| 91 | ¹³ C CP/MAS NMR Study of Cross-linked Poly(vinylpyrrolidone) on Surface of Cerium Oxide Nanoparticles. Chemistry Letters, 2008, 37, 1116-1117. | 1.3 | 10 |
| 92 | Controlled Synthesis of Monodispersed Cerium Oxide Nanoparticle Sols Applicable to Preparing Ordered Self-Assemblies. Bulletin of the Chemical Society of Japan, 2008, 81, 761-766. | 3.2 | 29 |
| 93 | Analytical Study of Resistance Drift Phenomena on (PANI)/MoO ₃ Hybrid Thin Films as Gas Sensors. Bulletin of the Chemical Society of Japan, 2008, 81, 1331-1335. | 3.2 | 9 |
| 94 | Monitoring of dispensed fluid with the quartz crystal microbalance (QCM) for the better control of inkjet or dispenser machine. Journal of the Ceramic Society of Japan, 2008, 116, 459-461. | 1.1 | 7 |
| 95 | Development of Oxide Semiconductor Thick Film Gas Sensor for the Detection of Total Volatile Organic Compounds. IEJ Transactions on Sensors and Micromachines, 2008, 128, 125-130. | 0.1 | 5 |
| 96 | Sensor Application of Organic-Inorganic Hybrid Materials. Seikei-Kakou, 2008, 20, 217-222. | 0.0 | 0 |
| 97 | Safe membrane-releasing process for thermoelectric hydrogen gas sensor. , 2007, , . | | 0 |
| 98 | CO Sensor Having Two Zr-Doped CeO ₂ Films with and Without Catalyst Layer. Electrochemical and Solid-State Letters, 2007, 10, J37. | 2.2 | 12 |
| 99 | Thermoelectric Gas Sensor using Au Loaded Titania CO Oxidation Catalyst. Journal of the Ceramic Society of Japan, 2007, 115, 37-41. | 1.3 | 14 |
| 100 | Output Evaluation of Resistive Oxygen Sensor having Ce _{0.9} Zr _{0.1} O ₂ Sensing Material and Zr _{0.8} Y _{0.2} O ₂ -DELTA. Temperature Compensating Material in Model Exhaust Gas. Journal of the Ceramic Society of Japan, 2007, 115, 688-691. | 1.1 | 7 |
| 101 | Highly Aldehyde Gas-Sensing Responsiveness and Selectivity of Layered Organic-Guest/MoO ₃ -Host Hybrid Sensor. Journal of the Ceramic Society of Japan, 2007, 115, 742-744. | 1.1 | 6 |
| 102 | Preparation of Micro-Thermoelectric Hydrogen Sensor Loading Two Kinds of Catalysts to Enhance Gas Selectivity. Journal of the Ceramic Society of Japan, 2007, 115, 748-750. | 1.1 | 5 |
| 103 | Layered Hybrid Thin Film of Molybdenum Trioxide with Poly(2,5-dimethylaniline) for Gas Sensor Sensitive to VOC Gases in ppm Level. Chemistry Letters, 2007, 36, 100-101. | 1.3 | 14 |
| 104 | Preparation and Characterization of a Layered Molybdenum Trioxide with Poly(o-anisidine) Hybrid Thin Film and Its Aldehydic Gases Sensing Properties. Bulletin of the Chemical Society of Japan, 2007, 80, 1011-1016. | 3.2 | 22 |
| 105 | Boron-Doped Si _{0.8} Ge _{0.2} Thin Film Deposited by Helicon Sputtering for Microthermoelectric Hydrogen Sensor. Journal of the Electrochemical Society, 2007, 154, J53. | 2.9 | 7 |
| 106 | Reversible Redox Processes of Poly(anilines) in Layered Semiconductor Niobate Films under Alternate UV-Vis Light Illumination. Journal of Physical Chemistry B, 2007, 111, 12162-12169. | 2.6 | 12 |
| 107 | The effect of hafnia doping on the resistance of ceria for use in resistive oxygen sensors. Sensors and Actuators B: Chemical, 2007, 123, 407-412. | 7.8 | 18 |
| 108 | Synthesis and characterization of layered organic/inorganic hybrid thin films based on molybdenum trioxide with poly(N-methylaniline) for VOC sensor. Materials Letters, 2007, 61, 4031-4034. | 2.6 | 24 |

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|-----|---|-----|-----------|
| 109 | Platinum Micro-Hotplates on Thermal Insulated Structure for Micro-Thermoelectric Gas Sensor. IEEJ Transactions on Sensors and Micromachines, 2006, 126, 568-572. | 0.1 | 9 |
| 110 | New Structural Design of Micro-Thermoelectric Sensor for Wide Range Hydrogen Detection. Journal of the Ceramic Society of Japan, 2006, 114, 853-856. | 1.3 | 39 |
| 111 | Pt Loaded Alumina Ceramic Catalysts for Micro Thermoelectric Hydrogen Sensors. Journal of the Ceramic Society of Japan, 2006, 114, 686-691. | 1.3 | 1 |
| 112 | Highly adhesive layered molybdenum oxide thin films prepared on a silicon substrate using suitable buffer materials. Thin Solid Films, 2006, 515, 2709-2716. | 1.8 | 14 |
| 113 | Micro-Thermoelectric Hydrogen Sensor of Three Different Membrane Structures. Japanese Journal of Applied Physics, 2006, 45, 6186-6191. | 1.5 | 0 |
| 114 | B- and P-Doped $\text{Si}_{0.8}\text{Ge}_{0.2}$ Thin Film Deposited by Helicon Sputtering for the Micro-Thermoelectric Gas Sensor. Key Engineering Materials, 2006, 320, 99-102. | 0.4 | 6 |
| 115 | Preparation of Phosphorus-Doped $\text{Si}_{0.8}\text{Ge}_{0.2}$ Thermoelectric Thin Film Using RF Sputtering with Induction Coil. Journal of the Ceramic Society of Japan, 2005, 113, 558-561. | 1.3 | 7 |
| 116 | Layered double hydroxide hybrids with dicetylphosphate. Journal of Colloid and Interface Science, 2005, 291, 218-222. | 9.4 | 12 |
| 117 | Reversible Color Changes in Lamella Hybrids of Poly(diacetylenecarboxylates) Incorporated in Layered Double Hydroxide Nanosheets. Journal of Physical Chemistry B, 2005, 109, 3199-3206. | 2.6 | 70 |
| 118 | Characterization of Intercalation Type Organic/ MoO_3 Nanohybrids and their VOC Sensing Properties. Advanced Materials Research, 0, 47-50, 1514-1517. | 0.3 | 3 |