

Adhesives			
Title	Presentations and Publications	Year	Category
Issues concerning adhesives for automobiles	The Adhesion Society of Japan	1973	Adhesives
Acrylic structural adhesives	The Adhesion Society of Japan	1983	Adhesives
Spray-mix type water soluble adhesives	The Adhesion Society of Japan	1984	Adhesives
Block co-oligomers as adhesion modifiers	The Adhesion Society of Japan	1986	Adhesives
The effect of the reactant of aminosilane/ β -diketone on adhesives	The Adhesion Society of Japan	1986	Adhesives
Progress of adhesives and sealants for automobiles	The Adhesion Society of Japan	1989	Adhesives
A study of epoxy resins modified with silicone elastomers	The Adhesion Society of Japan	1990	Adhesives
Photo sensor for glass-primer application when bonding windshields	SAE (Society of Automotive Engineers)	1991	Adhesives
Structural adhesive for aluminum bodies	SAE (Society of Automotive Engineers)	1992	Adhesives
Distribution of pre-cured isocyanates in wood determined by microscopic FTIR measurements	The Adhesion Society of Japan	1998	Adhesives
An evaluation of the production process of timber-isocyanate-boards by infrared spectroscopic analysis	The Adhesion Society of Japan	1999	Adhesives
A development study of adhesives for space systems	The Adhesion Society of Japan	2000	Adhesives
An analysis of structural adhesives used in automobile manufacturing	The Adhesion Society of Japan	2001	Adhesives
A study of repairable underfill	Japan Institute of Electronics Packaging	2002	Adhesives
Characteristics of lower-internal-stress underfill	Japan Welding Society	2002	Adhesives
Repairable underfill material based on urethane resin for BGA & CSP	The Adhesion Society of Japan	2004	Adhesives
Repairable underfill material based on urethane resin for BGA & CSP	The Adhesion Society of Japan	2004	Adhesives
Repairable adhesives with thermolysis-type dissociation	The Society of Materials Science, Japan	2004	Adhesives
Repairable underfill material based on urethane resin for BGA & CSP	The Adhesion Society of Japan	2006	Adhesives
Design and reliability of repairable underfill	Architectural Institute of Japan	2006	Adhesives
Investigation on Deterioration Phenomena of Structural Bonding by Water Absorption	Society of Automotive Engineers of Japan Symposium	2010	Adhesives
Bond strength investigation in the adhesive for structure	Society of Automotive Engineers of Japan Spring meeting	2011	Adhesives
Technical Trends of Chemical Materials for Automotive	The Society of Polymer Science, Japan	2011	Adhesives
Automotive adhesive	The Society of Fiber Science Technology Japan	2013	Adhesives
Investigation of Time-related Deterioration of Adhesive bonding of Car body	Society of Automotive Engineers of Japan Symposium	2013	Adhesives
Investigation of Time-related Deterioration of Adhesive bonding of Car body	Society of Automotive Engineers of Japan Symposium	2014	Adhesives
New Adhesion Technologies Used for Industrial Materials	The 5th Conference of Asia Regional Adhesive Council (ARAC2014)	2014	Adhesives

Construction materials			
Title	Presentations and Publications	Year	Category
A study on the surface coating method of porous materials (Part 1): Diatomaceous earth	Japan Society For Finishing Technology	1997	Construction materials
A study on surface coating method of porous materials (Part 2): Lime plaster	Japan Society For Finishing Technology	1997	Construction materials
Development of argon-gas enclosure urethane foam for thermal insulation	Japan Society For Finishing Technology	2008	Construction materials
Building a healthy indoor environment by employing plaster containing Chitosan derivatives for prevention of "sick-house syndrome" (Part 1): Measuring by using a small chamber the extent that the level of formaldehyde can be reduced	Society of Indoor Environment Japan	2008	Construction materials
Building a healthy indoor environment by employing plaster containing Chitosan derivatives for prevention of "sick-house syndrome" (Part 2): A study of the permeability of formaldehyde in wallpaper and glue	Society of Indoor Environment Japan	2008	Construction materials
Building a healthy indoor environment by employing plaster containing Chitosan derivatives for prevention of "sick-house syndrome" (Part 3): Field testing in experimental housing	Society of Indoor Environment Japan	2008	Construction materials
A Study on Trapping of House Dust by Silicone Polymer Coating for Wooden Flooring	Japan Society For Finishing Technology	2010	Construction materials
A Study on Trapping of House Dust by Silicone Polymer Coating for Wooden Flooring	Society of Indoor Environment Japan	2010	Construction materials
A Study on Trapping of House Dust by Silicone Polymer Coating for Wooden Flooring	Japanese Society of Allergology	2010	Construction materials
A Study on Trapping of House Dust by Silicone Polymer Coating for Wooden Flooring	The Japanese Society of Clinical	2010	Construction materials
A Study on Trapping of House Dust by Silicone Polymer Coating for Wooden Flooring(Part2)	The Japanese Society of Clinical	2011	Construction materials
A Study on Trapping of House Dust by Silicone Polymer Coating for Wooden Flooring(Part2)	Society of Indoor Environment Japan	2011	Construction materials
A Study on Trapping of House Dust by Silicone Polymer Coating for Wooden Flooring(Part3)	Society of Indoor Environment Japan	2012	Construction materials

Daily use			
Title	Presentations and Publications	Year	Category
A study on decreasing the concentration of indoor chemicals through use of a product that reduces indoor air pollution (Part 3): Decreasing concentration of indoor chemicals by use of a spray-type product that reduces indoor air pollution	Society of Indoor Environment Japan	2007	Daily use
Study on smell of the smoking cigarette Part5 Investigation example about the smell in a car	Japanese Society of Human Environment System	2010	Daily use
Study on the Evaluation of Tobacco Odor Part4 Level of Odor in Smoking Cars	Japanese Society of Human Environment System	2010	Daily use
The Research on the Odors in Car Compartment	The Fourth International Conference on Human-Environment System(ICHES2011)	2011	Daily use

Study on Odor Environment in the Car Compartment(Part I) The Measurement of Odor Environment in passenger car.	Architectural Institute of Japan	2011	Daily use
The Measurement of Odor Environment in passenger car.	Society of Automotive Engineers of Japan	2011	Daily use
Influence of fine bubble water on the tomato growth and water effluent quality from the facility	The Japanese Society for Multiphase Flow	2013	Daily use
Electrochemical Reactions of Fine Bubble Water	The Electrochemical Society of Japan	2015	Daily use
Permeation bactericidal effect for a biofilm	Johokiko co.LTD	2015	Daily use

Paint			
Title	Presentations and Publications	Year	Category
A study of the chemical substances emitted from natural paint	The Society of Heating, Air-Conditioning and Sanitary Engineers of Japan	2007.9	Paint

Reinforcement materials			
Title	Presentations and Publications	Year	Category
Application of high-strength polyurethane foam for improvement of body stiffness	The Institute of Materials	1997	Reinforcement materials
A study of hardened steel-type foam cavity filler	Polymer Forum	1998	Reinforcement materials
Weight reduction and improvement of crash safety using polyurethane foam	The Adhesion Society of Japan	1998	Reinforcement materials
Dynamic deformation characteristics of foam-filled tubes	The Japan Society of Mechanical Engineers	1999	Reinforcement materials
Dynamic behavior of foam-filled steel tubes	The Japan Society of Mechanical Engineers	1999	Reinforcement materials
A study of the behavior of urethane foam under dynamic compression	The Japan Society of Mechanical Engineers	1999	Reinforcement materials
Dynamic deformation characteristics of urethane foam-filled round tubes	The Japan Society of Mechanical Engineers	2000	Reinforcement materials
Impact-energy absorption of structural elements reinforced using urethane form	The Japan Society of Mechanical Engineers	2000	Reinforcement materials
Dynamic buckling behavior of foam-filled metal tubes	ISIE (International Symposium on Impact Engineering)	2001	Reinforcement materials

Sealants			
Title	Presentations and Publications	Year	Category
Sealing compounds	The Adhesion Society of Japan	1979	Sealants
A basic study on a sealing method for large surfaces	Japan Society For Finishing Technology	1996	Sealants
Durability improvement of wood angle joints	Japan Society For Finishing Technology	1997	Sealants
A study on weatherproof coating of rusted stone	Japan Society For Finishing Technology	1997	Sealants
A study of the staining around joints using a new sealant	Japan Society For Finishing Technology	1998	Sealants
A study of a non-staining sealant for water-based paints	Japan Society For Finishing Technology	1998	Sealants
A study on the application of a special MMA resin for waterproofing (No. 2): waterproofing of tile finishing	Japan Society For Finishing Technology	1998	Sealants

A study of the staining around joints using poly-isobutylene sealant	Japan Society For Finishing Technology	2000	Sealants
A study of the staining around joints using poly-isobutylene sealant	Japan Society For Finishing Technology	2001	Sealants
Weatherability test of waterproofing materials (Part 2): construction sealants	Architectural Institute of Japan	2003	Sealants
Development of indoor sealants that prevent "sick-house syndrome"	Japan Society For Finishing Technology	2004	Sealants
Development of environment-friendly two-component sealant package	Japan Society For Finishing Technology	2004	Sealants
Weatherability test of waterproofing materials (Part 4): Study on outdoor exposure of construction-use sealants	Architectural Institute of Japan	2004	Sealants
Development of construction-use sealants with a low-outgassing property for clean rooms	Japan Society For Finishing Technology	2005	Sealants
A study on the weatherability of construction-use sealants by means of a novel testing method	ASTM (American Society for Testing and Materials) International Symposium	2005	Sealants
New test of a structural specimen and test method for evaluation of the weatherability of sealants	Architectural Institute of Japan	2006	Sealants
Weatherability test of membrane roofing & sealants (Part 19): A study on a weatherability test for construction-use sealants	Architectural Institute of Japan	2006	Sealants
Weatherability test method for construction-use sealants	The Society of Polymer Science, Japan	2006	Sealants
A study of sealants for skyscraper applications in the Middle East and Near East	Japan Society For Finishing Technology	2006	Sealants
A study on the staining around joints using poly-isobutylene sealant	Japan Society For Finishing Technology	2007	Sealants
A study on paint contamination of modified silicone sealants	Japan Society For Finishing Technology	2007	Sealants
A study on the quantification of the effect of dynamic transformation on the weatherability of construction-use sealants	Architectural Institute of Japan	2007	Sealants
A study on the weatherability of construction-use sealants	Architectural Institute of Japan	2007	Sealants
A weatherability test method for construction-use sealants	The Society of Polymer Science, Japan	2007	Sealants
Quantification of surface damages of construction-use sealants by analyzing the different effects of regional exposure sites	Architectural Institute of Japan	2008	Sealants
Quantification of the dynamic movement effect for the weatherability of construction-use sealants by analyzing the different effects of regional exposure sites	Architectural Institute of Japan	2008	Sealants
Weatherability testing of waterproofing materials (Part 24): A quantitative study on the weatherability of construction-use sealants	Architectural Institute of Japan	2008	Sealants
Quantification of the effect of enforced cyclic movement and regional site exposure factors on the weatherability of construction-use sealants	ASTM (American Society for Testing and Materials) International Symposium	2008	Sealants
Quantification of the effect of dynamic movement on the weatherability of construction-use sealants	11th DBMC (International Conference on Durability of Building Materials and	2008	Sealants
Technological advance of one-component "MS sealants" in Japan	World Adhesive Conference 2008 (ASC2008)	2008	Sealants
An evaluation of surface degradation of construction-use sealants based on regional site factors by means of a simple outdoor exposure test	Materials Life society, Japan	2009	Sealants
Performance of a sealant designed for aluminum sash manufacturing	Architectural Institute of Japan	2009	Sealants
Test method for wet color stain of stone caused by construction-use sealants	Architectural Institute of Japan	2009	Sealants

A study of the practical-use conversion of the small-type joint??? displacement sensor	Architectural Institute of Japan	2009	Sealants
Weatherability testing of waterproofing materials (Part 25): Correlation of construction-use sealants between outdoor exposure and accelerated exposure of construction-use sealants	Architectural Institute of Japan	2009	Sealants
New Weatherability Test Method of Construction Sealants	The first Waterproof Symposium of China,Japan,and Korea	2009	Sealants
Tecnical Specifications and Recent Efforts for Construction Sealants in Japan	The 2rd Waterproof Symposium of China,Japan,and Korea	2010	Sealants
Evaluation Method for Weatherablity of Construction Sealants Part 1 Proposal for New Weatherability Test Method of Construction Sealants	Japan Sealant Industry Association	2010	Sealants
Evaluation Method for Weatherablity of Construction Sealants Part 2 Functional Equation for Degree of Degradation	Japan Sealant Industry Association	2010	Sealants
Evaluation Method for Weatherablity of Construction Sealants Part 3 Relationship between Outdoor and Accelerating Exposure	Japan Sealant Industry Association	2010	Sealants
Development of Inner Room Sealant with Function of Fluorescence	Japan Society For Finishing Technology	2010	Sealants
Evaluation Method for Weatherablity of Construction Sealants Part 4 Influences of Exposure Regions for Weatherability of Construction Sealants	Japan Sealant Industry Association	2011	Sealants
Relationship between Accelerating and Outdoor Exposure of Construction Sealants for Weatherability in terms of Surface Degradation	Fourth Symposium on Durability of Building and Construction Sealants and Adhesives	2011	Sealants
Study on Investigation Method for Stains caused by Sealant in Stone Joint	Architectural Institute of Japan	2011	Sealants
Significance of Primer in Construction Sealants	The 3rd Waterproof Symposium of China,Japan,and Korea	2011	Sealants
Outer wall junction of Masonry joint waterproofing to Performance design /Case study on responsibility for defects in sealing waterproofs	Architectural Institute of Japan	2012	Sealants
Weatherability test of membrance roofing and sealants Part 52 Verification on appropriateness for quantification of surface degradation state after ten years outdoor exposure of construction sealants	Architectural Institute of Japan	2013	Sealants
New test method for the evaluation of paintability on construction sealant	The 5th Conference of Asia Regional Adhesive Council (ARAC2014)	2014	Sealants

Others			
Title	Presentations and Publications	Year	Category
Application of bubble breakup using high-viscosity Bingham liquid-gas two-phase flow	International Conference on Multiphase Flow (国際混相流学会)	1998	FIPG (Formed In Place Gasket)
Application of bubble breakup using high-viscosity Bingham liquid-gas two-phase flow	The Japan Society of Mechanical Engineers	1998	FIPG (Formed In Place Gasket)
Development for application of a formed-in-place gasket system	プラスチック加工研究会	2005	FIPG (Formed In Place Gasket)
A study on indoor air pollution caused by paints	Society of Indoor Environment Japan	2006	Adhesives

Motorcycle			
Title	Presentations and Publications	Year	Category
Study on Thermo-plastic Deformation for One-Piece Brake Disks	SAE Technical Paper Series, 980593	1998	Motorcycle
Study on Thermo-plastic Deformation for One-Piece Brake Disks	1998 SAE International Congress And Exposition, USA	1998	Motorcycle
On the Thermo-Plastic Deformation for One-Piece Brake Disks	The Japan Society of Mechanical Engineers	1999	Motorcycle
Effects of hole layout, braking torque and frictional heat on crack initiation from small holes in one-piece brake disks	Proceedings of Seoul 2000 FISITA World Automotive Congress, F2000G331	2000	Motorcycle
Study on Crack Initiation from small holes of One-Piece Brake disks for Motorcycles (How Braking Torque Directory affects the crack Initiation)	The Japan Society of Mechanical Engineers	2000	Motorcycle
Effects of hole layout, braking torque and frictional heat on crack initiation from small holes in one-piece brake disks	Seoul 2000 FISITA World Automotive Congress, Korea	2000	Motorcycle
Study on crack initiation from holes of one-piece brake disk for motor bicycles	The Japan Society of Mechanical Engineers M&M2000	2000	Motorcycle
Low-cycle fatigue of stainless steel under cyclic compression	The Japan Society of Mechanical Engineers M&M2000	2000	Motorcycle
Study on Crack Initiation at Small Holes of One-piece Brake Discs	SAE Technical Papers 2002-01-0926	2002	Motorcycle
Influence of bridge configuration between decoration holes on the thermo-plastic deformation of one-piece large brake discs.	Doshisha University	2002	Motorcycle
Study on Crack Initiation at Small Holes of One-piece Brake Discs	SAE 2002 WORLD CONGRESS	2002	Motorcycle
Improvement method for crack initiation for one-piece brake discs	JSAE 2002 ANNUAL CONGRESS AUTUMN	2002	Motorcycle
Relative Hole-Layout to Prevent Crack Propagation in One-Piece Brake Disc for Motorcycles	The Japan Society of Mechanical Engineers TRANSLOG2004	2004	Motorcycle
Prediction of Crack Initiation for One-Piece Type Brake Disc for Motorcycles under Overload Condition	SAE Technical Papers 2005-32-0047	2005	Motorcycle
Prediction of Crack Initiation for One-Piece Type Brake Disc for Motorcycles under Overload Condition	Small Engine Technology Conference	2005	Motorcycle
Effect of Frictional Force Distribution on Exciting Force of Brake Noise for Motorcycle Disk Brake	The Japan Society of Mechanical Engineers	2006	Motorcycle
Study on Crack Initiation from Small Holes Opened in Brake Disc for Motor Cycles	The Japan Society of Mechanical Engineers	2007	Motorcycle
Study on low speed judder of wave type brake disc for motorcycles	SAE Technical Papers 2006-32-0026	2006	Motorcycle
Effect of Initial Residual Stress to Crack Initiation on Brake Disc for Motorcycles	Doshisha University	2006	Motorcycle
Study on low speed judder of wave type brake disc for motorcycles	Small Engine Technology Conference	2006	Motorcycle
Brake Torque Variation on Wave Type Brake Disc for Motorcycles	JSAE 2007 ANNUAL CONGRESS AUTUMN	2007	Motorcycle
Brake Torque Variation on Wave Type Brake Disc for Motorcycles	The Japan society of Automotive Engineering	2008	Motorcycle
Brake squeal property of holes opened brake disc on frictional surface for motorcycle	JSAE 2008 ANNUAL CONGRESS AUTUMN	2008	Motorcycle

Squealing of Brake Discs Having Holes for Motorcycles	Korea-Japan Young Researchers Workshop on Composite Materials 2008	2008	Motorcycle
Brake Torque Variation on Wave Type Brake Disc for Motorcycles	The Japan society of Automotive Engineering	2009	Motorcycle
Effect of diameter of holes opened on frictional surface of brake disc on reduction of squeal and stick-slip at braking	Proceedings of 15th Asia Pacific Automotive Engineering Conference, Vol.2	2009	Motorcycle
Characterization of Brake Torque Variation of Wave Type Brake Disc for Motorcycles	SAE Technical Papers 2009-01-3023	2009	Motorcycle
Effect of diameter of holes opened on frictional surface of brake disc on reduction of squeal and stick-slip at braking	15th Asia Pacific Automotive Engineering Conference	2009	Motorcycle
Improvement of mechanical properties of carbon fiber reinforced carbon composites by addition of fine carbon fiber	The Society of Materials Science, Japan	2009	Motorcycle
Modification of Strain Distribution on Contact Surface of Shoeto Reduce Squeals for Motorcycle Brake Disc with Holes	The Japan Society of Mechanical Engineers	2010	Motorcycle
Modification of Strain Distribution on Contact Surface of Shoe to Reduce Squeals for Brake Disc with Small Holes	SAE Technical Papers 2010-01-1715	2010	Motorcycle
Improvement of Mechanical Properties of C/C composite by Addition of Carbonized MFC into Carbon Precursor	Doshisha University	2010	Motorcycle
Synthesization of CNT on surface of C/C composites by alcohol CVD method -its effect on coefficient of friction between them-	Proceedings of the American Society for Composites 2010 Conference	2010	Motorcycle
Improvement of Coefficient of Friction between C/C Composites with Synthesized CNT on Surface	The Society of Materials Science, Japan	2010	Motorcycle
Improvement of mechanical properties of carbon fiber reinforced carbon composites by addition of carbonized MFC into carbon precursor.	The Japan Society of Mechanical Engineers 2010 ANNUAL CONGRESS	2010	Motorcycle
Squeal of disc brake with shoe having distributed normal strain in frictional direction at braking for motorcycles	JSAE 2010 ANNUAL CONGRESS AUTUMN	2010	Motorcycle
Synthesization of CNT on surface of C/C composites by alcohol CVD method -its effect on coefficient of friction between them-	American Society for Composites 25th Annual Technical Conference	2010	Motorcycle
Squeals reduction by modification of strain distribution on brake disc with small holes	28th Annual Brake Colloquium & Exhibition 2010	2010	Motorcycle
Development of power generation device using interaction between magnetic particles dispersed in elastomer	Autumn Meeting 2013	2013	Motorcycle
Development of Power Generation Device Using Inverse Magnetostriction Effect of Elastomer Material Dispersed with Magnetic Powder	Japan Society of Powder and Powder Metallurgy	2014	Motorcycle