

# Tadaharu Adachi

## List of Publications by Year in descending order

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168  
papers

1,382  
citations

361413

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169  
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169  
docs citations

169  
times ranked

1093  
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-contact measurement of impact load due to collision of ferromagnetic projectile based on electromagnetic induction. International Journal of Impact Engineering, 2022, 159, 104040.	5.0	2
2	Development of Small Drop-Weight Testing Machine Based on Electromagnetic Induction. Experimental Mechanics, 2021, 61, 1333-1342.	2.0	2
3	Evaluating Penetration Strengths of Rubber Sheets under Transverse Pressure. Zairyo/Journal of the Society of Materials Science, Japan, 2021, 70, 789-795.	0.2	0
4	Application of electromagnetic induction for impact load measurement. IOP Conference Series: Materials Science and Engineering, 2020, 920, 012027.	0.6	3
5	Second-harmonic generation of two-dimensional elastic wave propagation in an infinite layered structure with nonlinear spring-type interfaces. Wave Motion, 2020, 96, 102569.	2.0	9
6	Linear elastic properties of silicone rubbers filled with nano- and micro-silica particles. Mechanical Engineering Journal, 2020, 7, 20-00358-20-00358.	0.4	0
7	Measurement System of Impact Force and Specimen Deflection Based on Electromagnetic Induction Phenomena. , 2019, , 1-9.		2
8	Analysis of Acoustic Second-Harmonic Generation in Alternating Multilayered Structure with Closed Defect at Interlayer Interface. Zairyo/Journal of the Society of Materials Science, Japan, 2019, 68, 358-365.	0.2	1
9	Second-Harmonic Generation in Adhesively Bonded Multilayers with Closed Defect at Interlayer Interface. The Abstracts of ATEM International Conference on Advanced Technology in Experimental Mechanics Asian Conference on Experimental Mechanics, 2019, 2019, 1008B1400.	0.0	0
10	Non-collinear interaction of guided elastic waves in an isotropic plate. Journal of Sound and Vibration, 2018, 419, 390-404.	3.9	43
11	Measurement of dynamic fracture toughness by double torsion testing. Mechanical Engineering Journal, 2018, 5, 17-00529-17-00529.	0.4	2
12	Second-harmonic generation in a multilayered structure with nonlinear spring-type interfaces embedded between two semi-infinite media. Wave Motion, 2018, 76, 28-41.	2.0	13
13	Interphase layer effect on deformation of silicone rubber filled with nanosilica particles. Journal of Applied Polymer Science, 2018, 135, 45880.	2.6	4
14	Finite-element analysis of non-collinear mixing of two lowest-order antisymmetric Rayleigh-Lamb waves. Journal of the Acoustical Society of America, 2018, 144, 53-68.	1.1	16
15	New diagnostic method for evaluating penetration strength of rubber sheet by measuring electromagnetic induction. International Journal of Impact Engineering, 2018, 121, 172-179.	5.0	4
16	Stress-Based Design Standard for 3216 Type of Multilayer Ceramic Capacitor. , 2017, , .		0
17	Mechanical Properties of Epoxy Resins Filled with Nano-Silica Particles. , 2017, , 225-234.		1
18	Energy absorption of thin-walled cylinders filled with silicone rubber subjected to low-velocity impact. Mechanical Engineering Journal, 2017, 4, 17-00052-17-00052.	0.4	4

#	ARTICLE	IF	CITATIONS
19	Effect of Acrylic Foam Film on Impact Reduction. Key Engineering Materials, 2016, 715, 107-110.	0.4	0
20	Estimation effect of load reduction of acrylic foam film by dynamic three-point bending test. Transactions of the JSME (in Japanese), 2016, 82, 15-00363-15-00363.	0.2	0
21	Measuring Behavior of Impactor Penetrating through Polymer Sheet Based on Electromagnetic Induction. Key Engineering Materials, 2016, 715, 122-127.	0.4	6
22	Effects of Stacking Sequence on Ultrasonic Band Gap Generation Behavior of CFRP Laminates. The Proceedings of the Materials and Mechanics Conference, 2016, 2016, OS14-15.	0.0	0
23	Effect of Filling Nano-Particles on Viscoelastic Properties of Silicone Rubber. The Proceedings of the Materials and Mechanics Conference, 2016, 2016, OS03-05.	0.0	0
24	Effect of impact reduction due to acrylic foam film. Transactions of the JSME (in Japanese), 2015, 81, 14-00682-14-00682.	0.2	1
25	Numerical Evaluation on Impact Behavior of Functionally Graded Foam Materials. Zairyo/Journal of the Society of Materials Science, Japan, 2015, 64, 798-805.	0.2	0
26	Predicting impact shear strength of phenolic resin adhesive blended with nitrile rubber. International Journal of Adhesion and Adhesives, 2015, 56, 53-60.	2.9	25
27	OS9-2 Effect of Acrylic Foam Film on Reduction of Impact Loading to Beam(SHPB and Impact) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 International Conference on Advanced Technology in Experimental Mechanics Asian Conference on Experimental Mechanics, 2015, 2015.14, 152.	0.0	0
28	OS9-8 Time Dependent Elastic Modulus of Soft Epoxy Resins for Flexible Protector(Polymers and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 International Conference on Advanced Technology in Experimental Mechanics Asian Conference on Experimental Mechanics, 2015, 2015.14, 158.	0.0	0
29	Dynamic Mechanical Properties of Functionally Graded Syntactic Epoxy Foam. , 2014, , 171-179.		1
30	Fracture Behavior of Weld Lines in Injection Molded Components Loaded under Real Operating Conditions. , 2014, 3, 2048-2053.		3
31	Non-stoichiometric curing effect on fracture toughness of nanosilica particulate-reinforced epoxy composites. Journal of Materials Science, 2014, 49, 7454-7461.	3.7	7
32	Measurement of stress distribution for rotating shaft using thermography. Transactions of the JSME (in Japanese), 2014, 80, SMM0184-SMM0184.	0.2	0
33	Wave Propagation in Functionally Graded Material Bar Due to Collision. , 2014, , 1-9.		0
34	Applicability of Various Fracture Mechanics Approaches for Short Fiber Reinforced Injection Molded Polymer Composites and Components. , 2014, , 217-227.		0
35	Mechanical properties of nano-silica particulate-reinforced epoxy composites considered in terms of crosslinking effect in matrix resins. Journal of Materials Science, 2013, 48, 5148-5156.	3.7	25
36	Impulsive responses of functionally graded material bars due to collision. Acta Mechanica, 2013, 224, 1061-1076.	2.1	6

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37	Approximate analysis of progressive deformation in honeycomb structures subjected to in-plane loading. Archive of Applied Mechanics, 2013, 83, 379-396.	2.2	6
38	Evaluation on Integrated Molding of Functionally-Graded Epoxy Foams. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 2012, 78, 660-664.	0.2	3
39	Evaluation on Distributions of Mechanical Properties in Functionally Graded Syntactic Foam. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 2012, 78, 890-901.	0.2	3
40	Energy Absorption of a Cylindrical Tube with Varying Cross-Section Subjected to Axial Impact. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 2012, 78, 945-954.	0.2	3
41	Analysis of Longitudinal Impact Problem for Functionally Graded Materials. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 2012, 78, 502-510.	0.2	3
42	Generalized Shear Deformation Theory for Bending of Inhomogeneous Beams. Journal of Solid Mechanics and Materials Engineering, 2012, 6, 351-360.	0.5	0
43	The elastic behavior of aluminum alloy foam under uniaxial loading and bending conditions. Acta Materialia, 2012, 60, 3084-3093.	7.9	22
44	Development of Integral Molding of Functionally-Graded Syntactic Foams. , 2012, , 1-9.		6
45	Fracture energy of nano- and micro-silica particle-filled epoxy composites. International Journal of Theoretical and Applied Multiscale Mechanics, 2011, 2, 82.	0.6	4
46	Elastic Bending Behavior of Aluminum Alloy Foam. Procedia Engineering, 2011, 10, 2994-2999.	1.2	5
47	OS0109 Evaluation on integrated molding of functionally-graded epoxy foams. The Proceedings of the Materials and Mechanics Conference, 2011, 2011, _OS0109-1_-_OS0109-2_.	0.0	0
48	OS1423 Development of beam theory with transverse normal and shear deformations. The Proceedings of the Materials and Mechanics Conference, 2011, 2011, _OS1423-1_-_OS1423-2_.	0.0	0
49	Study on Elastic Moduli of Aluminum Alloy Foam under Uniaxial Loading and Flexural Vibration. Journal of Solid Mechanics and Materials Engineering, 2010, 4, 1369-1380.	0.5	5
50	Effect of Silica Particles on Mechanical Properties of Epoxy Composite. Journal of the Adhesion Society of Japan, 2010, 46, 222-229.	0.0	2
51	Mixture law including particle-size effect on fracture toughness of nano- and micro-spherical particle-filled composites. Acta Mechanica, 2010, 214, 61-69.	2.1	10
52	Magneto-Thermo-Elastic Stresses Induced by a Transient Magnetic Field in a Conducting Hollow Circular Cylinder. Journal of Thermal Stresses, 2010, 33, 775-798.	2.0	4
53	Energy Absorption of Axially-Impacted Column Controlled by Transverse Impact. , 2010, , 1-10.		0
54	203 Particle-size effect on fracture energy of silica particles-filled epoxy resins. The Proceedings of the Materials and Mechanics Conference, 2010, 2010, 252-253.	0.0	0

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55	Stabilization of a Zirconia System and Evaluation of Its Electrolyte Characteristics for a Fuel Cell: Based on Electrical and Mechanical Considerations. <i>Journal of Engineering Materials and Technology, Transactions of the ASME</i> , 2009, 131, .	1.4	11
56	Degradation mechanism of scandia-stabilised zirconia electrolytes: Discussion based on annealing effects on mechanical strength, ionic conductivity, and Raman spectrum. <i>Solid State Ionics</i> , 2009, 180, 1484-1489.	2.7	40
57	In-plane impact behavior of honeycomb structures randomly filled with rigid inclusions. <i>International Journal of Impact Engineering</i> , 2009, 36, 73-80.	5.0	39
58	In-plane impact behavior of honeycomb structures filled with linearly arranged inclusions. <i>International Journal of Impact Engineering</i> , 2009, 36, 1019-1026.	5.0	30
59	Mechanical stress effect on oxygen ion mobility in 8mol% yttria-stabilized zirconia electrolyte. <i>Journal of the European Ceramic Society</i> , 2009, 29, 2275-2279.	5.7	42
60	OSO205 Study of the evaluation of thin films mechanical properties via indentation test and inverse analysis. <i>The Proceedings of the Materials and Mechanics Conference</i> , 2009, 2009, 145-147.	0.0	0
61	Viscoelasticity and fracture toughness of blended epoxy resins containing two monomers with different molecular weights. <i>Journal of Materials Science</i> , 2008, 43, 3289-3295.	3.7	13
62	Viscoelasticity of epoxy resin/silica hybrid material prepared via sol-gel process: Considered in terms of morphology. <i>Journal of Applied Polymer Science</i> , 2008, 107, 253-261.	2.6	9
63	Viscoelasticity of epoxy resin/silica hybrid materials with an acid anhydride curing agent. <i>Journal of Applied Polymer Science</i> , 2008, 108, 2421-2427.	2.6	11
64	Effect of composing particles of two sizes on mechanical properties of spherical silica-particulate-reinforced epoxy composites. <i>Composites Part B: Engineering</i> , 2008, 39, 740-746.	12.0	48
65	Temperature dependence of fracture toughness of silica/epoxy composites: Related to microstructure of nano- and micro-particles packing. <i>Composites Part B: Engineering</i> , 2008, 39, 773-781.	12.0	35
66	Fracture toughness of nano- and micro-spherical silica-particle-filled epoxy composites. <i>Acta Materialia</i> , 2008, 56, 2101-2109.	7.9	130
67	Determination of residual stress in spherical balls by resonant ultrasound spectroscopy. <i>NDT and E International</i> , 2008, 41, 82-87.	3.7	9
68	Energy absorption of a thin-walled cylinder with ribs subjected to axial impact. <i>International Journal of Impact Engineering</i> , 2008, 35, 65-79.	5.0	49
69	Laminate model expressing mechanical properties of polypropylene foams having non-uniform cell-shape distributions. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2008, 487, 369-376.	5.6	7
70	Nano-scale characterization of fracture surfaces of blended epoxy resins related to fracture properties. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2008, 496, 337-344.	5.6	10
71	ENERGY ABSORPTION OF HONEYCOMB RANDOMLY FILLED WITH INCLUSIONS SUBJECTED TO IN-PLANE IMPACT. <i>International Journal of Modern Physics B</i> , 2008, 22, 1343-1348.	2.0	0
72	TESTING METHOD FOR MEASURING IMPACT STRENGTH OF BGA SOLDER JOINTS ON ELECTRONIC PACKAGE. <i>International Journal of Modern Physics B</i> , 2008, 22, 1050-1055.	2.0	0

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73	Mechanical Effect on Oxygen Mobility in Yttria Stabilized Zirconia. Materials Research Society Symposia Proceedings, 2007, 1041, 1.	0.1	1
74	Initiation and Propagation of Impact-Induced Damage in CFRP Laminates. Key Engineering Materials, 2007, 345-346, 437-440.	0.4	0
75	Mechanical Properties of Nano/Micro-Silica Particles Bidispersed Epoxy Composites. Key Engineering Materials, 2007, 345-346, 1507-1510.	0.4	3
76	Morphology and Viscoelasticity of Organic/Inorganic Hybrid Nanocomposite. Key Engineering Materials, 2007, 345-346, 1515-1518.	0.4	0
77	Time-Temperature Dependence of Compressive Behavior of Polypropylene Foams. Key Engineering Materials, 2007, 345-346, 153-156.	0.4	1
78	Fracture Toughness of Epoxy Resins Containing Blends of Monomers with Different Molecular Weights. Key Engineering Materials, 2007, 345-346, 1511-1514.	0.4	1
79	Prediction of Fracture Initiation in Thermo-Viscoelastic Material. Journal of Thermal Stresses, 2007, 30, 459-474.	2.0	3
80	Strength and fracture toughness of nano and micron-silica particles bidispersed epoxy composites: evaluated by fragility parameter. Journal of Materials Science, 2007, 42, 5516-5523.	3.7	34
81	Material characterization of blended epoxy resins related to fracture toughness. Journal of Materials Science, 2007, 42, 9859-9866.	3.7	8
82	Thermo-viscoelastic properties of silica particulate-reinforced epoxy composites: Considered in terms of the particle packing model. Acta Materialia, 2006, 54, 3369-3374.	7.9	50
83	Effect of transverse impact on buckling behavior of compressed column. Thin-Walled Structures, 2006, 44, 701-707.	5.3	8
84	Mechanical Properties of GFRP Laminates Manufactured by Process Combined with Wet Lay-Up and Vacuum Curing. Key Engineering Materials, 2006, 306-308, 845-850.	0.4	2
85	Damage Development in CFRP Laminates under Impact Loading. Key Engineering Materials, 2006, 326-328, 1833-1836.	0.4	2
86	Boron based oxide scintillation glass for neutron detection. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 537, 282-285.	1.6	24
87	Improvement of energy absorption of impacted column due to transverse impact. International Journal of Impact Engineering, 2005, 31, 483-496.	5.0	23
88	Nondestructive evaluation of micro-cracks in a ceramic ferrule by resonant ultrasound spectroscopy. NDT and E International, 2005, 38, 548-553.	3.7	14
89	Fracture toughness for mixed mode I/III of epoxy resin. Acta Materialia, 2005, 53, 869-875.	7.9	56
90	Time-temperature dependency of mode II fracture toughness for bisphenol A type epoxy resin. Journal of Applied Polymer Science, 2005, 96, 51-55.	2.6	8

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91	Determination of elastic moduli for a spherical specimen by resonant ultrasound spectroscopy. NDT and E International, 2005, 38, 554-560.	3.7	25
92	Improving energy absorption of impacted column due to transverse impact: A finite element analysis. International Journal of Impact Engineering, 2005, 32, 444-460.	5.0	8
93	Compression Characteristics of Paper and Coated Paper. Key Engineering Materials, 2005, 297-300, 178-182.	0.4	0
94	Effect of Particle Size on Fracture Toughness of Spherical-Silica Particle Filled Epoxy Composites. Key Engineering Materials, 2005, 297-300, 207-212.	0.4	13
95	Impact Energy Absorption of Thin-Walled Cylinders with Ribs. Zairyo/Journal of the Society of Materials Science, Japan, 2004, 53, 241-246.	0.2	5
96	THERMAL STRESS ANALYSIS OF THERMOVISCOELASTIC HOLLOW CYLINDER WITH TEMPERATURE-DEPENDENT THERMAL PROPERTIES. Journal of Thermal Stresses, 2004, 28, 29-46.	2.0	15
97	Development of position-sensitive neutron detector based on scintillator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 529, 301-306.	1.6	9
98	Recent development of position-sensitive neutron detectors employing wavelength-shifting cross-fiber. Physica B: Condensed Matter, 2004, 350, E841-E844.	2.7	1
99	Effect of transverse impact on buckling behavior of a column under static axial compressive force. International Journal of Impact Engineering, 2004, 30, 465-475.	5.0	17
100	Development of a spin flipper for an application of a neutron magnetic device. Physica B: Condensed Matter, 2003, 335, 226-229.	2.7	9
101	Time-Temperature Dependences of Fracture Toughnesses of Epoxy Resin and Silica Particulate-Filled Epoxy Composite. Materials Science Forum, 2003, 426-432, 1985-1990.	0.3	7
102	On the Characteristics of Energy Absorption Control in Thin-Walled Members for the Use of Vehicular Structures. Key Engineering Materials, 2003, 233-236, 239-244.	0.4	17
103	Elastodynamic Crack Analysis by Boundary Element Method Using Numerical Inversion of Laplace Transform.. JSME International Journal Series A-Solid Mechanics and Material Engineering, 2003, 46, 131-139.	0.4	1
104	Fracture Toughnesses of Bisphenol a Type Epoxy Resin and Silica Particulate-Filled Epoxy Composite.. JSME International Journal Series A-Solid Mechanics and Material Engineering, 2003, 46, 163-169.	0.4	12
105	Impact Damage Resistance of CFRP Laminate with Epoxy-Resin Surface Layer. Zairyo/Journal of the Society of Materials Science, Japan, 2003, 52, 138-142.	0.2	1
106	Time-temperature dependence of the fracture toughness of a poly(phenylene sulphide) polymer. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2003, 217, 29-34.	1.1	0
107	Theoretical Approach to Contrast Mechanism for U-AFM. , 2002, , 63.		0
108	Fracture toughness of silica particulate-filled epoxy composite. Journal of Applied Polymer Science, 2002, 86, 2261-2265.	2.6	41

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109	Fracture toughness of bisphenol A-type epoxy resin. Journal of Applied Polymer Science, 2002, 86, 2266-2271.	2.6	20
110	Neutron-beam control using a magnetic doublet. Applied Physics A: Materials Science and Processing, 2002, 74, s261-s263.	2.3	6
111	Development of a two-dimensional imaging detector based on a neutron scintillator with wavelength-shifting fibers. Applied Physics A: Materials Science and Processing, 2002, 74, s243-s245.	2.3	4
112	Time-temperature dependence of fracture toughness for bisphenol A epoxy resin. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2002, 216, 79-84.	1.1	3
113	Comparing Damage in CFRP Laminates due to Soft Body and Hard Body Impacts. Zairyo/Journal of the Society of Materials Science, Japan, 2002, 51, 151-155.	0.2	2
114	Identification of Dynamic Pressure Distribution Applied to the Elastic Thin Plate.. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 2001, 67, 1680-1687.	0.2	2
115	Evaluation of Dynamic Fracture Toughness of Unidirectional CFRP Laminates.. JSME International Journal Series A-Solid Mechanics and Material Engineering, 2000, 43, 179-185.	0.4	10
116	Oxygen-ion diffusion in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> ceramics. Physica C: Superconductivity and Its Applications, 2000, 335, 264-267.	1.2	5
117	Identification of dynamic pressure distribution applied to the elastic thin plate. , 2000, , 129-138.		4
118	Characteristics of Delamination in Graphite/Epoxy Laminates under Static and Impact Loads. Key Engineering Materials, 2000, 183-187, 731-736.	0.4	2
119	An acoustic lens to measure wave velocities with the complex V(z) curve method. NDT and E International, 1999, 32, 219-224.	3.7	4
120	Production, diagnostic and application of pulsed ion beams with light and medium mass; LIB (and MIB) program in Japan. Fusion Engineering and Design, 1999, 44, 319-326.	1.9	10
121	Boundary Element Analysis for Unsteady Elastodynamic Problems Based on the Laplace Transform.. JSME International Journal Series A-Solid Mechanics and Material Engineering, 1999, 42, 507-514.	0.4	8
122	Sol-Gel Production of Silica Microparticles. Key Engineering Materials, 1998, 150, 1-6.	0.4	6
123	Measurement of Anisotropic Elastic Moduli in Local Area by Acoustic Microscope. (The Case of Cubic) Tj ETQq1 1 0.784314 rgBT /Ove 41, 430-438.	0.4	2
124	Elastodynamic Thin Plate Bending Analysis by Boundary Element Method with Laplace Transform. JSME International Journal Series A-Solid Mechanics and Material Engineering, 1997, 40, 65-74.	0.1	1
125	Characterization of Impact Damage Resistance of CF/PEEK and CF/Toughened Epoxy Laminates under Low and High Velocity Impact Tests. Journal of Reinforced Plastics and Composites, 1997, 16, 131-143.	3.1	44
126	Development and diagnostics of revised ion beam analyzer, ion or laser produced plasmas and X-ray pre-ionizer for gas lasers. , 1997, , .		0



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127	Measurements of local elastic moduli by amplitude and phase acoustic microscope. NDT and E International, 1997, 30, 271-277.	3.7	9
128	Highly Accurate Analysis by Boundary Element Method Based on Uniform Gradient Condition. Application for Formulation of Classical Potential Problems.. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 1995, 61, 161-168.	0.2	4
129	Formulation of Double-Layer Potential Method.. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 1995, 61, 993-1000.	0.2	1
130	Experimental Estimation of Dynamic Plastic Bending Moment for Plastic Hinge Model.. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 1995, 61, 755-759.	0.2	1
131	Residual Bending Strengths of CFRP Laminates after Impact. JSME International Journal Series A-Solid Mechanics and Material Engineering, 1995, 38, 370-377.	0.1	2
132	Effects of Couplers on Acoustic Velocity Measurement by Complex mbV(z) Method. Japanese Journal of Applied Physics, 1995, 34, 2869-2873.	1.5	1
133	Effect of Lens Properties on Measuring Wave Velocities by Scanning Acoustic Microscope.. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 1994, 60, 2885-2890.	0.2	0
134	Measurement of Elastic Moduli in Local Area by Scanning Acoustic Microscope.. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 1994, 60, 236-243.	0.2	2
135	Highly Accurate Analysis for Thin Elastic Plate Bending Problem by Boundary Element Method. 2nd Report, Application of Rigid Rotation Mode for Single Integral Equation Method.. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 1994, 60, 436-442.	0.2	4
136	Impact Damage in CFRP Laminates under High Temperature.. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 1994, 60, 841-845.	0.2	3
137	Measurement and Evaluation of Restitution Characteristics of Golf Balls.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 1994, 60, 3150-3156.	0.2	5
138	Highly Accurate Analysis for Thin Elastic Plate Bending Problem by Boundary Element Method. 1st Report. Regularization for Hyper-Singular Integral by Rigid Rotation Mode.. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 1993, 59, 1860-1867.	0.2	2
139	Impulsive Responses of Framed Structures Using a Matrix Method with Numerical Laplace Transform. 2nd Report, Efficient Analysis Based on Substructure Synthesis Method.. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 1993, 59, 2362-2366.	0.2	0
140	Energy Absorption Ability of Thin-Walled Members by Crushing Under Impact Loading.. Zairyo/Journal of the Society of Materials Science, Japan, 1993, 42, 1427-1431.	0.2	7
141	Stress Analysis of an Orthotropic Laminated Slab Subjected to Transverse Load. JSME International Journal, Series 1: Solid Mechanics, Strength of Materials, 1992, 35, 165-169.	0.2	0
142	Load and Strain Histories for CFRP Laminates under Low-Velocity Impact. JSME International Journal, Series 1: Solid Mechanics, Strength of Materials, 1992, 35, 159-164.	0.2	0
143	Measurement of impulsive pressure applied on a thin plate by piezoelectric transducers. , 1992, , .		0
144	Impulsive Responses of a Finite Circular Cylindrical Shell Filled with Fluid Subjected to Axisymmetric Loading.. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 1991, 57, 1123-1128.	0.2	0

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145	Impulsive responses of a circular cylinder filled with fluid subjected to uniform load. Consideration of fluid-cylinder coupling effect.. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 1991, 57, 819-823.	0.2	0
146	Improvement of the accuracy of the dynamic boundary element method by the partial integral method.. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 1991, 57, 946-953.	0.2	0
147	Impulsive Responses of a Circular Cylindrical Shell Subjected to Waterhammer Waves. Journal of Pressure Vessel Technology, Transactions of the ASME, 1991, 113, 517-523.	0.6	13
148	Stress Analysis of an Orthotropic Laminated Slab Subjected to a Transverse Load.. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 1991, 57, 1418-1422.	0.2	0
149	Damage evaluation of CFRP laminates due to iterative impact.. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 1991, 57, 569-575.	0.2	3
150	Evaluation of residual fatigue strength for impacted CFRP laminates. (Case of the four-point bending) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Part A, 1991, 57, 576-582.	0.2	0
151	Evaluation of perforation strength for CFRP laminates.. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 1991, 57, 583-590.	0.2	3
152	Measurement of Impulsive Pressure Applied on a Thin Plate by Piezoelectric Transducer.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 1991, 57, 2223-2227.	0.2	0
153	Applicability of Approximated Three-Dimensional Theory to Static Stress Analysis for Orthogonal Laminated Plate.. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 1991, 57, 2653-2658.	0.2	0
154	Load and strain histories for CFRP laminates under low-velocity impact.. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 1990, 56, 2520-2525.	0.2	0
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