

# Tadaharu Adachi

## List of Publications by Year in descending order

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168  
papers

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docs citations

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times ranked

1093  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fracture toughness of nano- and micro-spherical silica-particle-filled epoxy composites. <i>Acta Materialia</i> , 2008, 56, 2101-2109.	7.9	130
2	Fracture toughness for mixed mode I/III of epoxy resin. <i>Acta Materialia</i> , 2005, 53, 869-875.	7.9	56
3	Thermo-viscoelastic properties of silica particulate-reinforced epoxy composites: Considered in terms of the particle packing model. <i>Acta Materialia</i> , 2006, 54, 3369-3374.	7.9	50
4	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
5	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
6	Characterization of Impact Damage Resistance of CF/PEEK and CF/Toughened Epoxy Laminates under Low and High Velocity Impact Tests. <i>Journal of Reinforced Plastics and Composites</i> , 1997, 16, 131-143.	3.1	44
7	Non-collinear interaction of guided elastic waves in an isotropic plate. <i>Journal of Sound and Vibration</i> , 2018, 419, 390-404.	3.9	43
8	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
9	Fracture toughness of silica particulate-filled epoxy composite. <i>Journal of Applied Polymer Science</i> , 2002, 86, 2261-2265.	2.6	41
10	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
11	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
12	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
13	Strength and fracture toughness of nano and micron-silica particles bidispersed epoxy composites: evaluated by fragility parameter. <i>Journal of Materials Science</i> , 2007, 42, 5516-5523.	3.7	34
14	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
15	Determination of elastic moduli for a spherical specimen by resonant ultrasound spectroscopy. <i>NDT and E International</i> , 2005, 38, 554-560.	3.7	25
16	Mechanical properties of nano-silica particulate-reinforced epoxy composites considered in terms of crosslinking effect in matrix resins. <i>Journal of Materials Science</i> , 2013, 48, 5148-5156.	3.7	25
17	Predicting impact shear strength of phenolic resin adhesive blended with nitrile rubber. <i>International Journal of Adhesion and Adhesives</i> , 2015, 56, 53-60.	2.9	25
18	Boron based oxide scintillation glass for neutron detection. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005, 537, 282-285.	1.6	24

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19	Improvement of energy absorption of impacted column due to transverse impact. International Journal of Impact Engineering, 2005, 31, 483-496.	5.0	23
20	The elastic behavior of aluminum alloy foam under uniaxial loading and bending conditions. Acta Materialia, 2012, 60, 3084-3093.	7.9	22
21	Fracture toughness of bisphenol A-type epoxy resin. Journal of Applied Polymer Science, 2002, 86, 2266-2271.	2.6	20
22	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
23	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
24	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
25	THERMAL STRESS ANALYSIS OF THERMOVISCOELASTIC HOLLOW CYLINDER WITH TEMPERATURE-DEPENDENT THERMAL PROPERTIES. Journal of Thermal Stresses, 2004, 28, 29-46.	2.0	15
26	Nondestructive evaluation of micro-cracks in a ceramic ferrule by resonant ultrasound spectroscopy. NDT and E International, 2005, 38, 548-553.	3.7	14
27	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
28	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
29	Viscoelasticity and fracture toughness of blended epoxy resins containing two monomers with different molecular weights. Journal of Materials Science, 2008, 43, 3289-3295.	3.7	13
30	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
31	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
32	Viscoelasticity of epoxy resin/silica hybrid materials with an acid anhydride curing agent. Journal of Applied Polymer Science, 2008, 108, 2421-2427.	2.6	11
33	Stabilization of a Zirconia System and Evaluation of Its Electrolyte Characteristics for a Fuel Cell: Based on Electrical and Mechanical Considerations. Journal of Engineering Materials and Technology, Transactions of the ASME, 2009, 131, .	1.4	11
34	Controlling of Distribution of Mechanical Properties in Functionally-Graded Syntactic Foams for Impact Energy Absorption. Materials Science Forum, 0, 706-709, 729-734.	0.3	11
35	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
36	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

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37	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
38	Mixture law including particle-size effect on fracture toughness of nano- and micro-spherical particle-filled composites. <i>Acta Mechanica</i> , 2010, 214, 61-69.	2.1	10
39	Measurements of local elastic moduli by amplitude and phase acoustic microscope. <i>NDT and E International</i> , 1997, 30, 271-277.	3.7	9
40	Development of a spin flipper for an application of a neutron magnetic device. <i>Physica B: Condensed Matter</i> , 2003, 335, 226-229.	2.7	9
41	Development of position-sensitive neutron detector based on scintillator. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004, 529, 301-306.	1.6	9
42	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
43	Determination of residual stress in spherical balls by resonant ultrasound spectroscopy. <i>NDT and E International</i> , 2008, 41, 82-87.	3.7	9
44	Second-harmonic generation of two-dimensional elastic wave propagation in an infinite layered structure with nonlinear spring-type interfaces. <i>Wave Motion</i> , 2020, 96, 102569.	2.0	9
45	Boundary Element Analysis for Unsteady Elastodynamic Problems Based on the Laplace Transform.. <i>JSME International Journal Series A-Solid Mechanics and Material Engineering</i> , 1999, 42, 507-514.	0.4	8
46	Time-temperature dependency of mode II fracture toughness for bisphenol A type epoxy resin. <i>Journal of Applied Polymer Science</i> , 2005, 96, 51-55.	2.6	8
47	Improving energy absorption of impacted column due to transverse impact: A finite element analysis. <i>International Journal of Impact Engineering</i> , 2005, 32, 444-460.	5.0	8
48	Effect of transverse impact on buckling behavior of compressed column. <i>Thin-Walled Structures</i> , 2006, 44, 701-707.	5.3	8
49	Material characterization of blended epoxy resins related to fracture toughness. <i>Journal of Materials Science</i> , 2007, 42, 9859-9866.	3.7	8
50	Time-Temperature Dependences of Fracture Toughnesses of Epoxy Resin and Silica Particulate-Filled Epoxy Composite. <i>Materials Science Forum</i> , 2003, 426-432, 1985-1990.	0.3	7
51	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
52	Non-stoichiometric curing effect on fracture toughness of nanosilica particulate-reinforced epoxy composites. <i>Journal of Materials Science</i> , 2014, 49, 7454-7461.	3.7	7
53	Energy Absorption Ability of Thin-Walled Members by Crushing Under Impact Loading.. <i>Zairyo/Journal of the Society of Materials Science, Japan</i> , 1993, 42, 1427-1431.	0.2	7
54	Impulsive Response of a Finite Circular Cylindrical Shell Subjected to Waterhammer Waves. <i>Bulletin of the JSME</i> , 1986, 29, 737-742.	0.1	6

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55	Sol-Gel Production of Silica Microparticles. <i>Key Engineering Materials</i> , 1998, 150, 1-6.	0.4	6
56	Neutron-beam control using a magnetic doublet. <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s261-s263.	2.3	6
57	Impulsive responses of functionally graded material bars due to collision. <i>Acta Mechanica</i> , 2013, 224, 1061-1076.	2.1	6
58	Approximate analysis of progressive deformation in honeycomb structures subjected to in-plane loading. <i>Archive of Applied Mechanics</i> , 2013, 83, 379-396.	2.2	6
59	Measuring Behavior of Impactor Penetrating through Polymer Sheet Based on Electromagnetic Induction. <i>Key Engineering Materials</i> , 2016, 715, 122-127.	0.4	6
60	Development of Integral Molding of Functionally-Graded Syntactic Foams. , 2012, , 1-9.		6
61	Measurement and Evaluation of Restitution Characteristics of Golf Balls.. <i>Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C</i> , 1994, 60, 3150-3156.	0.2	5
62	Oxygen-ion diffusion in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> ceramics. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 335, 264-267.	1.2	5
63	Impact Energy Absorption of Thin-Walled Cylinders with Ribs. <i>Zairyo/Journal of the Society of Materials Science, Japan</i> , 2004, 53, 241-246.	0.2	5
64	Study on Elastic Moduli of Aluminum Alloy Foam under Uniaxial Loading and Flexural Vibration. <i>Journal of Solid Mechanics and Materials Engineering</i> , 2010, 4, 1369-1380.	0.5	5
65	Elastic Bending Behavior of Aluminum Alloy Foam. <i>Procedia Engineering</i> , 2011, 10, 2994-2999.	1.2	5
66	Analysis of the Dynamic Stress Concentration Factor by the Two-Dimensional Boundary Element Method. <i>JSME International Journal, Series 1: Solid Mechanics, Strength of Materials</i> , 1990, 33, 37-43.	0.2	4
67	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.. <i>Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A</i> , 1994, 60, 436-442.	0.2	4
68	Highly Accurate Analysis by Boundary Element Method Based on Uniform Gradient Condition. Application for Formulation of Classical Potential Problems.. <i>Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A</i> , 1995, 61, 161-168.	0.2	4
69	An acoustic lens to measure wave velocities with the complex V(z) curve method. <i>NDT and E International</i> , 1999, 32, 219-224.	3.7	4
70	Identification of dynamic pressure distribution applied to the elastic thin plate. , 2000, , 129-138.		4
71	Development of a two-dimensional imaging detector based on a neutron scintillator with wavelength-shifting fibers. <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s243-s245.	2.3	4
72	Magneto-Thermo-Elastic Stresses Induced by a Transient Magnetic Field in a Conducting Hollow Circular Cylinder. <i>Journal of Thermal Stresses</i> , 2010, 33, 775-798.	2.0	4

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73	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
74	Fabrication of Bulk Functionally-Graded Syntactic Foams for Impact Energy Absorption. Materials Science Forum, 0, 706-709, 711-716.	0.3	4
75	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
76	Interphaseâ€œlayer effect on deformation of silicone rubber filled with nanosilica particles. Journal of Applied Polymer Science, 2018, 135, 45880.	2.6	4
77	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
78	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
79	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
80	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
81	Mechanical Properties of Nano/Micro-Silica Particles Bidispersed Epoxy Composites. Key Engineering Materials, 2007, 345-346, 1507-1510.	0.4	3
82	Prediction of Fracture Initiation in Thermo-Viscoelastic Material. Journal of Thermal Stresses, 2007, 30, 459-474.	2.0	3
83	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
84	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
85	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
86	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
87	Fracture Behavior of Weld Lines in Injection Molded Components Loaded under Real Operating Conditions. , 2014, 3, 2048-2053.		3
88	Application of electromagnetic induction for impact load measurement. IOP Conference Series: Materials Science and Engineering, 2020, 920, 012027.	0.6	3
89	Timeâ€œtemperature 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
90	Impulsive response of a finite circular cylindrical shell due to waterhammer waves.. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 1985, 51, 1886-1892.	0.2	2

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91	Impulsive responses of framed structures using a matrix method with a numerical laplace transform. (1st Report, A case of structures consisting of straight-bar elements).. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 1990, 56, 917-923.	0.2	2
92	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
93	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
94	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
95	Measurement of Anisotropic Elastic Moduli in Local Area by Acoustic Microscope. (The Case of Cubic) Tj ETQq1 1 0.784314 rgBT /Overle 41, 430-438.	0.4	2
96	Characteristics of Delamination in Graphite/Epoxy Laminates under Static and Impact Loads. Key Engineering Materials, 2000, 183-187, 731-736.	0.4	2
97	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
98	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
99	Damage Development in CFRP Laminates under Impact Loading. Key Engineering Materials, 2006, 326-328, 1833-1836.	0.4	2
100	Effect of Silica Particles on Mechanical Properties of Epoxy Composite. Journal of the Adhesion Society of Japan, 2010, 46, 222-229.	0.0	2
101	Measurement of dynamic fracture toughness by double torsion testing. Mechanical Engineering Journal, 2018, 5, 17-00529-17-00529.	0.4	2
102	Measurement System of Impact Force and Specimen Deflection Based on Electromagnetic Induction Phenomena. , 2019, , 1-9.		2
103	Development of Small Drop-Weight Testing Machine Based on Electromagnetic Induction. Experimental Mechanics, 2021, 61, 1333-1342.	2.0	2
104	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
105	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
106	An analytical and experimental study of impulsive stresses in a glass plate subjected to the transverse impact of steel balls.. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 1986, 52, 525-532.	0.2	1
107	Analytical study on the dynamic stress concentration factor by the three-dimensional boundary element method.. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 1989, 55, 1400-1406.	0.2	1
108	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

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109	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
110	Effects of Couplers on Acoustic Velocity Measurement by Complex mbV(z) Method. Japanese Journal of Applied Physics, 1995, 34, 2869-2873.	1.5	1
111	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
112	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
113	Recent development of position-sensitive neutron detectors employing wavelength-shifting cross-fiber. Physica B: Condensed Matter, 2004, 350, E841-E844.	2.7	1
114	Mechanical Effect on Oxygen Mobility in Yttria Stabilized Zirconia. Materials Research Society Symposia Proceedings, 2007, 1041, 1.	0.1	1
115	Time-Temperature Dependence of Compressive Behavior of Polypropylene Foams. Key Engineering Materials, 2007, 345-346, 153-156.	0.4	1
116	Fracture Toughness of Epoxy Resins Containing Blends of Monomers with Different Molecular Weights. Key Engineering Materials, 2007, 345-346, 1511-1514.	0.4	1
117	Dynamic Mechanical Properties of Functionally Graded Syntactic Epoxy Foam. , 2014, , 171-179.		1
118	Effect of impact reduction due to acrylic foam film. Transactions of the JSME (in Japanese), 2015, 81, 14-00682-14-00682.	0.2	1
119	Mechanical Properties of Epoxy Resins Filled with Nano-Silica Particles. , 2017, , 225-234.		1
120	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
121	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
122	The coupled response of a semi-infinite circular cylindrical shell subjected to waterhammer waves.. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 1987, 53, 84-90.	0.2	0
123	Analysis of the dynamic stress concentration factor by the two-dimensional boundary element method.. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 1988, 54, 1024-1029.	0.2	0
124	Analysis of elastodynamic problems by a multiple integral transform method using a fast Fourier transform. (1st Report, Basic investigation).. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 1989, 55, 2271-2276.	0.2	0
125	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
126	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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127	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
128	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
129	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
130	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
131	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
132	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
133	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
134	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
135	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
136	Development and diagnostics of revised ion beam analyzer, ion or laser produced plasmas and X-ray pre-ionizer for gas lasers. , 1997, , .		0
137	Theoretical Approach to Contrast Mechanism for U-AFM. , 2002, , 63.		0
138	Compression Characteristics of Paper and Coated Paper. Key Engineering Materials, 2005, 297-300, 178-182.	0.4	0
139	Initiation and Propagation of Impact-Induced Damage in CFRP Laminates. Key Engineering Materials, 2007, 345-346, 437-440.	0.4	0
140	Morphology and Viscoelasticity of Organic/Inorganic Hybrid Nanocomposite. Key Engineering Materials, 2007, 345-346, 1515-1518.	0.4	0
141	Mechanical Properties of Scandia Stabilised Zirconia with Alumina Addition. Key Engineering Materials, 0, 385-387, 441-444.	0.4	0
142	ENERGY ABSORPTION OF HONEYCOMB RANDOMLY FILLED WITH INCLUSIONS SUBJECTED TO IN-PLANE IMPACT. International Journal of Modern Physics B, 2008, 22, 1343-1348.	2.0	0
143	TESTING METHOD FOR MEASURING IMPACT STRENGTH OF BGA SOLDER JOINTS ON ELECTRONIC PACKAGE. International Journal of Modern Physics B, 2008, 22, 1050-1055.	2.0	0
144	Generalized Shear Deformation Theory for Bending of Inhomogeneous Beams. Journal of Solid Mechanics and Materials Engineering, 2012, 6, 351-360.	0.5	0

#	ARTICLE	IF	CITATIONS
145	Improvement of Energy Absorption of Circular Tubes Subjected to High Velocity Impact. Applied Mechanics and Materials, 0, 566, 575-580.	0.2	0
146	Modeling of Low Energy, Low Velocity Impact Failure of a Honeycomb Sandwich Material. Applied Mechanics and Materials, 0, 566, 256-261.	0.2	0
147	Measurement of stress distribution for rotating shaft using thermography. Transactions of the JSME (in Japanese), 2014, 80, SMM0184-SMM0184.	0.2	0
148	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
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