Afzal Suleman

List of Publications by Year in descending order

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AF7AL SHIFMAN

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Design considerations for an automotive magnetorheological brake. Mechatronics, 2008, 18, 434-447. | 3.3 | 258 |
| 2 | Multidisciplinary design optimization of an automotive magnetorheological brake design. Computers and Structures, 2008, 86, 207-216. | 4.4 | 184 |
| 3 | A performance evaluation of an automotive magnetorheological brake design with a sliding mode controller. Mechatronics, 2006, 16, 405-416. | 3.3 | 174 |
| 4 | Multi-variable optimization of PEMFC cathodes using an agglomerate model. Electrochimica Acta, 2007, 52, 6318-6337. | 5.2 | 167 |
| 5 | A robust weakly compressible SPH method and its comparison with an incompressible SPH. International Journal for Numerical Methods in Engineering, 2012, 89, 939-956. | 2.8 | 149 |
| 6 | A review on non-linear aeroelasticity of high aspect-ratio wings. Progress in Aerospace Sciences, 2017, 89, 40-57. | 12.1 | 145 |
| 7 | SPH with the multiple boundary tangent method. International Journal for Numerical Methods in Engineering, 2009, 77, 1416-1438. | 2.8 | 127 |
| 8 | Optimization of a Morphing Wing Based on Coupled Aerodynamic and Structural Constraints. AIAA Journal, 2009, 47, 2087-2104. | 2.6 | 95 |
| 9 | Appointed-time prescribed performance attitude tracking control via double performance functions. Aerospace Science and Technology, 2019, 93, 105337. | 4.8 | 85 |
| 10 | A numerical study of the propulsive efficiency of a flapping hydrofoil. International Journal for Numerical Methods in Fluids, 2003, 42, 493-526. | 1.6 | 75 |
| 11 | Numerical optimization of proton exchange membrane fuel cell cathodes. Electrochimica Acta, 2007, 52, 2668-2682. | 5.2 | 74 |
| 12 | Microfluidic technologies for anticancer drug studies. Drug Discovery Today, 2017, 22, 1654-1670. | 6.4 | 63 |
| 13 | Design of a Morphing Airfoil Using Aerodynamic Shape Optimization. AIAA Journal, 2006, 44, 1550-1562. | 2.6 | 60 |
| 14 | Comparison of Surrogate Models in a Multidisciplinary Optimization Framework for Wing Design. AIAA Journal, 2010, 48, 995-1006. | 2.6 | 59 |
| 15 | Topology optimization of cracked structures using peridynamics. Continuum Mechanics and Thermodynamics, 2019, 31, 1645-1672. | 2.2 | 51 |
| 16 | Improved braking torque generation capacity of an eddy current brake with time varying magnetic fields: A numerical study. Finite Elements in Analysis and Design, 2012, 59, 66-75. | 3.2 | 42 |
| 17 | Robust and Reliability-Based Design Optimization Framework for Wing Design. AIAA Journal, 2014, 52, 711-724. | 2.6 | 40 |
| 18 | Multi-objective optimization of a polymer electrolyte fuel cell membrane electrode assembly. Energy and Environmental Science, 2008, 1, 378. | 30.8 | 39 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Aero-structural Design Optimization of a Morphing Wingtip. Journal of Intelligent Material Systems and Structures, 2011, 22, 1113-1124. | 2.5 | 36 |
| 20 | Performance based multidisciplinary design optimization of morphing aircraft. Aerospace Science and Technology, 2017, 67, 1-12. | 4.8 | 36 |
| 21 | A hybrid damage assessment for E-and S-glass reinforced laminated composite structures under in-plane shear loading. Composite Structures, 2018, 186, 347-354. | 5.8 | 35 |
| 22 | Design and testing of a biomimetic tuna using shape memory alloy induced propulsion. Computers and Structures, 2008, 86, 491-499. | 4.4 | 34 |
| 23 | Aero-Structural Optimization and Performance Evaluation of a Morphing Wing with Variable Span and Camber. Journal of Intelligent Material Systems and Structures, 2011, 22, 1057-1073. | 2.5 | 34 |
| 24 | Analytical modeling of eddy current brakes with the application of time varying magnetic fields. Applied Mathematical Modelling, 2016, 40, 1168-1179. | 4.2 | 33 |
| 25 | Application of spectral level set methodology in topology optimization. Structural and Multidisciplinary Optimization, 2006, 31, 430-443. | 3.5 | 32 |
| 26 | Topology Optimization of a Reinforced Wing Box for Enhanced Roll Maneuvers. AIAA Journal, 2008, 46, 548-556. | 2.6 | 31 |
| 27 | Aeroelastic Scaling of a Joined Wing for Nonlinear Geometric Stiffness. AIAA Journal, 2012, 50, 513-522. | 2.6 | 31 |
| 28 | Adaptive control of an aeroelastic flight vehicle using piezoelectric actuators. Computers and Structures, 2004, 82, 1303-1314. | 4.4 | 30 |
| 29 | Optimal Design of Ultralow-Platinum PEMFC Anode Electrodes. Journal of the Electrochemical Society, 2008, 155, B125. | 2.9 | 29 |
| 30 | Optimization of a proton exchange membrane fuel cell membrane electrode assembly. Structural and Multidisciplinary Optimization, 2010, 40, 563-583. | 3.5 | 29 |
| 31 | Semi-active structural vibration control of base-isolated buildings using magnetorheological dampers. Journal of Low Frequency Noise Vibration and Active Control, 2018, 37, 565-576. | 2.9 | 26 |
| 32 | Efficient strategies for reliability-based design optimization of variable stiffness composite structures. Structural and Multidisciplinary Optimization, 2018, 57, 689-704. | 3.5 | 25 |
| 33 | Monitoring Poisson's ratio of glass fiber reinforced composites as damage index using biaxial Fiber Bragg Grating sensors. Polymer Testing, 2016, 53, 98-107. | 4.8 | 23 |
| 34 | On the design of environmentally sustainable aircraft for urban air mobility. Transportation Research, Part D: Transport and Environment, 2021, 91, 102688. | 6.8 | 23 |
| 35 | Continuous density-based topology optimization of cracked structures using peridynamics. Structural and Multidisciplinary Optimization, 2020, 62, 2375-2389. | 3.5 | 23 |
| 36 | Design optimization of thin-walled composite structures based on material and fiber orientation. Composite Structures, 2017, 176, 1081-1095. | 5.8 | 22 |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | A coupled WC-TL SPH method for simulation of hydroelastic problems. International Journal of Computational Fluid Dynamics, 2017, 31, 174-187. | 1.2 | 22 |
| 38 | Design and modeling of an electrostrictive inchworm actuator. Mechatronics, 2004, 14, 567-586. | 3.3 | 21 |
| 39 | Probabilistic micromechanical analysis of composite material stiffness properties for a wind turbine blade. Composite Structures, 2015, 131, 905-916. | 5.8 | 21 |
| 40 | Prediction of fatigue response of composite structures by monitoring the strain energy release rate with embedded fiber Bragg gratings. Journal of Intelligent Material Systems and Structures, 2016, 27, 17-27. | 2.5 | 21 |
| 41 | Exploring Diffusion and Cellular Uptake: Charged Gold Nanoparticles in an in Vitro Breast Cancer Model. ACS Applied Bio Materials, 2020, 3, 6992-7002. | 4.6 | 21 |
| 42 | Multi-material topology optimization of structures with discontinuities using Peridynamics. Composite Structures, 2021, 258, 113345. | 5.8 | 21 |
| 43 | Modal characterization of composite flat plate models using piezoelectric transducers. Mechanical Systems and Signal Processing, 2016, 79, 16-29. | 8.0 | 20 |
| 44 | Optimized Braking Torque Generation Capacity of an Eddy Current Brake With the Application of Time-Varying Magnetic Fields. IEEE Transactions on Vehicular Technology, 2014, 63, 1530-1538. | 6.3 | 19 |
| 45 | Monitoring the Damage State of Fiber Reinforced Composites Using an FBG Network for Failure Prediction. Materials, 2017, 10, 32. | 2.9 | 19 |
| 46 | Aeroelastic Scaling and Optimization of a Joined-Wing Aircraft Concept. , 2007, , . | | 18 |
| 47 | An Experimental Study on the Process Monitoring of Resin Transfer Molded Composite Structures Using Fiber Optic Sensors. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2012, 134, . | 2.2 | 18 |
| 48 | A comparative study of semi-active control strategies for base isolated buildings. Earthquake Engineering and Engineering Vibration, 2015, 14, 487-502. | 2.3 | 17 |
| 49 | MDO Concepts for an European Research Project on Active Aeroelastic Aircraft. , 2002, , . | | 16 |
| 50 | Benchmark case studies in optimization of geometrically nonlinear structures. Structural and Multidisciplinary Optimization, 2005, 30, 273-296. | 3.5 | 16 |
| 51 | Embedded fiber optic sensors for monitoring processing, quality and structural health of resin transfer molded components. Journal of Physics: Conference Series, 2011, 305, 012135. | 0.4 | 16 |
| 52 | Nonlinear aeroelastic scaling of high aspect-ratio wings. Aerospace Science and Technology, 2017, 63, 363-371. | 4.8 | 16 |
| 53 | Multibody Dynamics and Nonlinear Control of Flexible Space Structures. JVC/Journal of Vibration and Control, 2004, 10, 1639-1661. | 2.6 | 15 |
| 54 | Damage Detection of Composite Plates by Lamb Wave Ultrasonic Tomography with a Sparse Hexagonal Network Using Damage Progression Trends. Shock and Vibration, 2014, 2014, 1-8. | 0.6 | 15 |

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|----|--|-----|-----------|
| 55 | Cost analysis of variable stiffness composite structures with application to a wind turbine blade. Composite Structures, 2018, 203, 681-695. | 5.8 | 15 |
| 56 | Application of SEUMRE global optimization algorithm in automotive magnetorheological brake design. Structural and Multidisciplinary Optimization, 2011, 44, 761-772. | 3.5 | 14 |
| 57 | Adaptive composites modelling and application in panel flutter and noise suppression. Computers and Structures, 2000, 76, 365-378. | 4.4 | 13 |
| 58 | Non-destructive determination of the stiffness matrix of a laminated composite structure with lamb wave. Composite Structures, 2020, 237, 111956. | 5.8 | 13 |
| 59 | Non-Linear Aeroelastic Scaling of a Joined-Wing Concept. , 2007, , . | | 12 |
| 60 | Flow-Induced Noise and Vibration in Aircraft Cylindrical Cabins: Closed-Form Analytical Model Validation. Journal of Vibration and Acoustics, Transactions of the ASME, 2011, 133, . | 1.6 | 12 |
| 61 | Remaining useful life prediction of laminated composite materials using Thermoelastic Stress Analysis. Composite Structures, 2019, 210, 381-390. | 5.8 | 12 |
| 62 | Multi-scale and multi-material topology optimization of gradient lattice structures using surrogate models. Composite Structures, 2022, 289, 115402. | 5.8 | 11 |
| 63 | Joined-Wing Wind-Tunnel Test for Longitudinal Control via Aftwing Twist. Journal of Aircraft, 2010, 47, 1481-1489. | 2.4 | 10 |
| 64 | Topology optimization of the internal structure of an aircraft wing subjected to self-weight load. Engineering Optimization, 2020, 52, 1119-1135. | 2.6 | 10 |
| 65 | A new methodology for thermoelastic model identification in composite materials using digital image correlation. Optics and Lasers in Engineering, 2021, 146, 106689. | 3.8 | 10 |
| 66 | Aeroelasticity of Nonlinear Structures Using the Corotational Method. Journal of Aircraft, 2006, 43, 749-762. | 2.4 | 9 |
| 67 | Fluid–structure interaction modelling of nonlinear aeroelastic structures using the finite element corotational theory. Journal of Fluids and Structures, 2006, 22, 59-75. | 3.4 | 9 |
| 68 | Prediction of Turbulent Boundary Layer Induced Noise in the Cabin of a BWB Aircraft. Shock and Vibration, 2012, 19, 693-705. | 0.6 | 9 |
| 69 | Structural Synthesis for Prescribed Target Natural Frequencies and Mode Shapes. Shock and Vibration, 2014, 2014, 1-8. | 0.6 | 9 |
| 70 | Probabilistic first ply failure prediction of composite laminates using a multi-scale M-SaF and Bayesian inference approach. Journal of Composite Materials, 2018, 52, 169-195. | 2.4 | 9 |
| 71 | Aeroelastic Control of a Wing with Active Skins Using Piezoelectric Patches. Mechanics of Advanced Materials and Structures, 2007, 14, 23-32. | 2.6 | 8 |
| 72 | Fatigue life prediction of laminated composites using a multi-scale M-LaF and Bayesian inference. Composite Structures, 2016, 151, 149-161. | 5.8 | 8 |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Non-linear aeroelastic analysis in the time domain of high-aspect-ratio wings: Effect of chord and taper-ratio variation. Aeronautical Journal, 2017, 121, 21-53. | 1.6 | 8 |
| 74 | On the Design of Aeroelastically Scaled Models of High Aspect-Ratio Wings. Aerospace, 2020, 7, 166. | 2.2 | 8 |
| 75 | Structural Health Monitoring of Aircraft Structures. CISM International Centre for Mechanical Sciences, Courses and Lectures, 2013, , 81-148. | 0.6 | 8 |
| 76 | Multidisciplinary Design for Flight Test of a Scaled Joined Wing SensorCraft. , 2010, , . | | 7 |
| 77 | Test rig development and characterization of magnetorheological elastomers. , 2017, , . | | 7 |
| 78 | Fabrication and characterization of highly controllable magnetorheological material in compression mode. Journal of Intelligent Material Systems and Structures, 2020, 31, 1641-1661. | 2.5 | 7 |
| 79 | Preface: Smart Materials and Structures. Mechanics of Advanced Materials and Structures, 2007, 14, 1-1. | 2.6 | 6 |
| 80 | Application of the corotational structural kinematics and Euler flow to two-dimensional nonlinear aeroelasticity. Computers and Structures, 2007, 85, 1372-1381. | 4.4 | 6 |
| 81 | Advancement of a Robust and Reliability-Based Design Optimization Framework for Wing Design. , 2010, | | 6 |
| 82 | Distributed Hâ^ž control of dynamically coupled segmented telescope mirrors: Design and simulation. Mechatronics, 2012, 22, 121-135. | 3.3 | 6 |
| 83 | Multibody simulation of the musculoskeletal system of the human hand. Multibody System Dynamics, 2013, 29, 271-288. | 2.7 | 6 |
| 84 | From Dermal Patch to Implants—Applications of Biocomposites in Living Tissues. Molecules, 2020, 25, 507. | 3.8 | 6 |
| 85 | Simultaneous topology and fiber path optimization of composite structures with MAC constraints. Composite Structures, 2022, 294, 115645. | 5.8 | 6 |
| 86 | System modes and dynamics of the proposed space station type configurations. Nonlinear Dynamics, 1990, 1, 379-400. | 5.2 | 5 |
| 87 | Sequential Optimization Algorithms for Aerodynamic Shape Optimization. , 2004, , . | | 5 |
| 88 | Closed-form Solutions for the Overall Coefficient of Thermal Expansion of n-phase Fiber Composites with Arbitrary Fiber Orientation. Journal of Composite Materials, 2006, 40, 397-415. | 2.4 | 5 |
| 89 | A Comparison of Surrogate Models in the Framework of an MDO Tool for Wing Design. , 2009, , . | | 5 |
| 90 | Design and Analysis of an Adaptive Wingtip. , 2011, , . | | 5 |

Design and Analysis of an Adaptive Wingtip. , 2011, , . 90

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|-----|--|-----|-----------|
| 91 | Performance Evaluation of a Morphing Joined Wing Aircraft Configuration. , 2013, , . | | 4 |
| 92 | Flutter control of an adaptive laminated composite panel with piezoelectric layers. , 1996, , . | | 3 |
| 93 | Optimum design of structures with multiple frequency constraints using the finite element force method. , 2001, , . | | 3 |
| 94 | Spectral Level Set Methodology in Topology Optimization. , 2002, , . | | 3 |
| 95 | Implicit Stress Integration in Elastoplasticity of n-Phase Fiber-Reinforced Composites. Mechanics of Advanced Materials and Structures, 2007, 14, 633-641. | 2.6 | 3 |
| 96 | Aeroelastic Scaling for Verification and Evaluation of Geometric Nonlinearity on a Joined-Wing Aircraft Model. , 2008, , . | | 3 |
| 97 | Prediction of Turbulent Flow-Induced Noise in Aircraft Cabins. , 2010, , . | | 3 |
| 98 | PZT Network and Phased Array Lamb Wave Based SHM Systems. Journal of Physics: Conference Series, 2011, 305, 012087. | 0.4 | 3 |
| 99 | Topology Optimization of a Wing Including Self-Weight Load. , 2013, , . LMI-based distributed <mml:math <="" altimg="si4.gif" overflow="scroll" td=""><td></td><td>3</td></mml:math> | | 3 |
| 100 | xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" | 3.3 | 3 |
| 101 | xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x Measurement of Aeroelastic Wing Deflections Using Modal Shapes and Strain Pattern Analysis. , 2019, , | | 3 |
| 102 | Distributed and Centralized Hâ^ž Control of Large Segmented Telescopes. , 2010, , . | | 3 |
| 103 | On the multi-fidelity approach in surrogate-based multidisciplinary design optimisation of high-aspect-ratio wing aircraft. Aeronautical Journal, 2023, 127, 2-23. | 1.6 | 3 |
| 104 | Dynamics of a flexible platform due to operational disturbances. Acta Astronautica, 1999, 44, 1-9. | 3.2 | 2 |
| 105 | Optimum design of nonlinear symmetric truss structures under system stability constraint. , 2000, , . | | 2 |
| 106 | <title>Experimental aeroelastic control using adaptive wing model concepts</title> .,2001,,. | | 2 |
| 107 | An Analytical Model for a Composite Adaptive Rectangular Structure Using the Heaviside Function. Mechanics of Advanced Materials and Structures, 2002, 9, 273-298. | 2.6 | 2 |
| 108 | Study of an Articulated Winglet Mechanism. , 2013, , . | | 2 |

Study of an Articulated Winglet Mechanism. , 2013, , . 108

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | An experimental study on the effect of length and orientation of embedded FBG sensors on the signal properties under fatigue loading. Science and Engineering of Composite Materials, 2016, 23, 711-719. | 1.4 | 2 |
| 110 | Dielectrophoretic interaction of circular particles in a uniform electric field. European Journal of Mechanics, B/Fluids, 2019, 78, 194-202. | 2.5 | 2 |
| 111 | Morphing of an adaptive shock control bump using pressurized chambers. Journal of Intelligent Material Systems and Structures, 2020, 31, 1821-1837. | 2.5 | 2 |
| 112 | Design and performance quantification of VTOL systems for a canard aircraft. Aeronautical Journal, 2021, 125, 1768-1791. | 1.6 | 2 |
| 113 | Stochastic optimization in aircraft design. , 2014, , 267-272. | | 2 |
| 114 | Modeling of shell adaptive composites and its application to noise suppression. , 1999, 3667, 23. | | 1 |
| 115 | Design and testing of an adaptive RPV aeroelastic demonstrator. , 2001, , . | | 1 |
| 116 | <title>An RPV adaptive aeroelastic demonstrator</title> ., 2003, 4763, 113. | | 1 |
| 117 | A Stable and Efficient Nonlinear Aeroelastic Method Using Moving Frames. , 2005, , . | | 1 |
| 118 | A Modular MDO Tool for Conceptual Aircraft Design. , 2008, , . | | 1 |
| 119 | Fluid-Structure Interaction Simulation of Blood Flow Inside a Diseased Left Ventricle With Obstructive Hypertrophic Cardiomyopathy in Early Systole. , 2009, , . | | 1 |
| 120 | Simulation of rigid-body impact using the articulated-body algorithm. Robotica, 2011, 29, 649-656. | 1.9 | 1 |
| 121 | LMI-based distributed H <inf>∞</inf> control of dynamically coupled large segmented telescope mirrors. , 2014, , . | | 1 |
| 122 | Probabilistic First Ply Failure Analysis of Wind Turbine Blade Laminates. , 2016, , . | | 1 |
| 123 | UAV-BASED INTEGRATED MULTISENSOR PAYLOAD FOR HIGH RESOLUTION IMAGING. , 2018, , . | | 1 |
| 124 | Instrumentation influence: a study about the intrusiveness level caused by a single PVDF in a flexible dynamic system. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1. | 1.6 | 1 |
| 125 | Long term sedimentation of an elliptic disc subject to an electrostatic field using smoothed particle hydrodynamics method. International Journal of Multiphase Flow, 2021, 135, 103524. | 3.4 | 1 |
| | | | |

126 Spectral Level Set Methodology in the Design of a Morphing Airfoil. , 2006, , 343-352.

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| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | Design of a PZT Sensor Network Based on Guided Lamb Waves for Structural Health Monitoring of Metallic Structures. , 2010, , . | | 1 |
| 128 | Dynamic Scaling of a Wing Structure Model Using Topology Optimization. Machines, 2022, 10, 374. | 2.2 | 1 |
| 129 | <title>Closed form solution for a composite plate with distributed actuators and sensors</title> . , 1998, , . | | 0 |
| 130 | Design Optimization Against Instability of Frame Structures Undergoing Large Deflections. , 2002, , . | | 0 |
| 131 | On the use of system modes to model multibody flexible structures. Acta Astronautica, 2002, 50, 653-664. | 3.2 | 0 |
| 132 | Enhancement of Aircraft Roll Maneuvers Using the Spectral Level Optimization Method. , 2004, , . | | 0 |
| 133 | Fluid-Structure Interaction Issues in Deformation Based Subsea Propulsion Systems. , 2005, , . | | 0 |
| 134 | Preface: Smart Materials and Structures. Mechanics of Advanced Materials and Structures, 2006, 13, 441-441. | 2.6 | 0 |
| 135 | Development of a Fuel Cell Hybrid Low-Speed Electric Vehicle Testing Facility. , 2006, , . | | Ο |
| 136 | Development of an Automotive Magnetorheological Brake Via Optimization of Magnetic Circuit. , 2007, , 425. | | 0 |
| 137 | Efficient Level Set Algorithm for Topology Optimization. , 2007, , . | | 0 |
| 138 | Design of a Polymer Electrolyte Fuel Cell Membrane Electrode Assembly for Maximum Performance under Different Operating Conditions. , 2008, , . | | 0 |
| 139 | Development of an Automotive Magnetorheological Brake via Design Optimization of the Magnetic Circuit. , 2008, , . | | 0 |
| 140 | Design of an Embedded Sensor Network for Manufacturing Process Monitoring, Quality Control Management and Structural Health Assessment of Advanced Composite Structures. , 2010, , . | | 0 |
| 141 | Optimal Control and Energy Balance Evaluation of a Morphing Aircraft. , 2013, , . | | 0 |
| 142 | Aircraft Wind Tunnel Characterization using Modern Design of Experiments. , 2013, , . | | 0 |
| 143 | Geometry of Global Stress Space in Multi-Phase Fiber-Reinforced Composites. Mechanics of Advanced Materials and Structures, 2013, 20, 353-360. | 2.6 | 0 |
| 144 | Design and Development of a Phased Array System for Damage Detection in Structures. Computational and Experimental Methods in Structures, 2018, , 153-189. | 0.3 | 0 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 145 | 3.10 Composite Aerostructures For Unmanned Aircraft. , 2018, , 261-287. | | 0 |
| 146 | Numerical study of a pitching and heaving hydrofoil. , 2003, , 1083-1086. | | 0 |
| 147 | Investigation of the Blood Flow and Mitral-Septal Opposition in the Left Ventricle With the Obstructive Hyperthrophic Cardiomyopathy During Systole Using Fluid-Structure Interaction Technique. , 2010, , . | | 0 |
| 148 | Multi-objective optimization of an adaptive composite plate using the physical programming approach. , 1998, , . | | 0 |
| 149 | Structural optimization of a joined wing aircraft using DMS algorithm. , 2014, , 919-923. | | 0 |
| 150 | Performance based MDO of a regional transport aircraft with a joined wing configuration. , 2014, , 391-396. | | 0 |
| 151 | Topology optimization of a wing structure. , 2014, , 507-512. | | 0 |
| 152 | Experimental Aeroelastic Investigation using Piezoelectric Transducers in Wind Tunnel Testing. Experimental Techniques, 0, , 1. | 1.5 | 0 |
| 153 | A Leader-Follower Trajectory Tracking Controller for Multi-Quadrotor Formation Flight. | 0.7 | 0 |