

MEHMET DÖRDÜNCÜ

ASSOC. PROF.

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Biography

Dr. Mehmet Dorduncu is a faculty member in the Department of Mechanical Engineering at Erciyes University. He received his Ph.D. degree in Mechanical Engineering from the University of Arizona in 2018. He was a visiting student at Nasa Langley Research Center (2016), Hampton, VA, where he conducted research on the development of Refined Zigzag Theory for predicting failure in composite structures. He is the co-author of Peridynamic Differential Operator for Numerical Analysis (Springer, 2018). His research has focused on the development of new finite elements for the analysis of composite plates and shells, and the peridynamic differential operator and its applications.

Learning Knowledge

Post Doctorate 2018 - 2019	University of Arizona, Aerospace and Mechanical Engineering, Mechanics, United States Of America
Doctorate 2013 - 2018	University of Arizona, Aerospace and Mechanical Engineering, Mechanics, United States Of America
Post Graduate 2012 - 2013	University of Arizona, Aerospace and Mechanical Engineering , Mechanics, United States Of America
Post Graduate 2011 - 2013	Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği, Turkey
Under Graduate 2006 - 2011	Erciyes Üniversitesi, Mühenslik Fakültesi, Makine Mühendisliği, Turkey
Under Graduate 2010 - 2010	Tallinn University Of Applied Sciences, Faculty Of Mechanics, Estonia

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Education Management and Planning, Discussion and Presentation Skills, University of Arizona, 2012

Dissertations

Doctorate, Peridynamics for Solving Linear/Nonlinear Ordinary and Partial Differential Equations, University Of Arizona, , College Of Engineering,, Mechanical Engineering, 2018

Post Graduate, Fonksiyonel Kademelendirilmiş Dairesel Silindirde Elastik Dalga Yayılımı, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği, 2013

Academic Titles / Tasks

Associate Professor 2020 - Continues	Erciyes University, Mühendislik Fakültesi, Makina Mühendisliği
Assistant Professor 2019 - 2020	Erciyes University, Mühendislik Fakültesi, Makine Mühendisliği Bölümü
Research Assistant 2011 - 2019	Erciyes Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği
Research Assistant 2012 - 2018	University Of Arizona, Aerospace And Mechanical Engineering, Mechanics

Supported Projects

1. Dördüncü M., Apalak M. K. , Hu Y., TUBITAK Project, Investigation of damage process in one- and two-dimensional functionally graded structures by using Peridynamic Theory, 2020 - 2022
2. Dördüncü M., Sarı S. E. , TUBITAK Project, İÇERİSİNDE ÇATLAK BULUNAN LİTYUM İYON BATARYALARININ PERİDİNAMİK YÖNTEMİYLE MODELLENMESİ, 2020 - 2021
3. Dördüncü M., Üçbunar M. O. , TUBITAK Project, PERİDİNAMİK TÜREV OPERATÖRÜ VE GELİŞTİRİLMİŞ ZİGZAG TEORİSİ KULLANILARAK FONKSİYONEL KADEMELENDİRİLMİŞ ÇEKİRDEĞE SAHİP SANDVIÇ KİRİŞLERDE GERİLME ANALİZİ, 2019 - 2020
4. Dördüncü M., Madenci E., Project Supported by Public Organizations in Other Countries, Material Failure Prediction through Peridynamics (MURI), 2013 - 2020
5. APALAK M. K. , DÖRDÜNCÜ M., REDDY J. N. , Project Supported by Higher Education Institutions, İşlevsel Kademelendirilmiş Dairesel Silindirlerde Elastik Dalga Yayılımı, 2016 - 2019
6. Dördüncü M., Madenci E., Tessler A., Project Supported by Public Organizations in Other Countries, Demonstration of Refined-Zigzag Theory for predicting failure in composite structures, 2016 - 2017

Awards

1. Dördüncü M., Yayın Teşvik Ödülü, Tübitak, July 2019

Scholarships

2224-A Yurt Dışı Bilimsel Etkinliklere Katılımı Destekleme Programı, TUBITAK, 2019 - 2019

Visiting Student, Official Institutions of Foreign Countries, 2019 - 2019

Graduate Research Assistant, University, 2017 - 2018

Yurtdışı Doktora Bursu, YOK, 2013 - 2018

Graduate School Full Scholarship (Stipend + Tuition), University, 2017 - 2017

Graduate Assistantship, University, 2013 - 2013

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- 1. Peridynamic modeling of delaminations in laminated composite beams using refined zigzag theory**
Dördüncü M.
Theoretical And Applied Fracture Mechanics, vol.0, pp.102832, 2020 (Journal Indexed in SCI Expanded)
- 2. Peridynamic modeling of adhesively bonded beams with modulus graded adhesives using refined zigzag theory**
Dördüncü M.
INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES, vol.185, 2020 (Journal Indexed in SCI)
- 3. Elastic flexural analysis of adhesively bonded similar and dissimilar beams using refined zigzag theory and peridynamic differential operator**
DÖRDÜNCÜ M., APALAK M. K.
INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES, vol.101, 2020 (Journal Indexed in SCI)
- 4. Peridynamic Analysis of Laminated Composite Plates Based on First-Order Shear Deformation Theory**
DÖRDÜNCÜ M., Kaya K., ERGİN Ö. F.
INTERNATIONAL JOURNAL OF APPLIED MECHANICS, vol.12, no.3, 2020 (Journal Indexed in SCI)
- 5. Stress analysis of sandwich plates with functionally graded cores using peridynamic differential operator and refined zigzag theory**
Dördüncü M.
Thin-Walled Structures, vol.146, pp.106468, 2020 (Journal Indexed in SCI)
- 6. Stress wave propagation in a functionally graded adhesive layer between two identical cylinders**
Dördüncü M., Apalak M. K., Reddy J.
JOURNAL OF ADHESION, vol.95, pp.1146-1181, 2019 (Journal Indexed in SCI)
- 7. Stress wave propagation in a through-thickness functionally graded adhesive layer**
Dördüncü M., Apalak M. K., Reddy J.
Journal of Adhesion Science and Technology, vol.33, no.21, pp.2329-2355, 2019 (Journal Indexed in SCI)
- 8. Weak form of bond-associated non-ordinary state-based peridynamics free of zero energy modes with uniform or non-uniform discretization**
Madenci E., Dorduncu M., Nam Phan N. P., Gu X.
ENGINEERING FRACTURE MECHANICS, vol.218, 2019 (Journal Indexed in SCI)
- 9. Stress analysis of laminated composite beams using refined zigzag theory and peridynamic differential operator**
DÖRDÜNCÜ M.
COMPOSITE STRUCTURES, vol.218, pp.193-203, 2019 (Journal Indexed in SCI)
- 10. Peridynamic least squares minimization**
Madenci E., Dorduncu M., Gu X.
COMPUTER METHODS IN APPLIED MECHANICS AND ENGINEERING, vol.348, pp.846-874, 2019 (Journal Indexed in SCI)
- 11. Stress wave propagation in adhesively bonded functionally graded cylinders: an improved model**
Dorduncu M., Apalak M. K., Reddy J. N.
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.33, pp.156-186, 2019 (Journal Indexed in SCI)
- 12. Weak form of peridynamics for nonlocal essential and natural boundary conditions**
Madenci E., Dorduncu M., Barut A., Nam Phan N. P.
COMPUTER METHODS IN APPLIED MECHANICS AND ENGINEERING, vol.337, pp.598-631, 2018 (Journal Indexed in SCI)

13. **A state-based peridynamic analysis in a finite element framework**
Madenci E., Dorduncu M., Barut A., Nam Phan N. P.
ENGINEERING FRACTURE MECHANICS, vol.195, pp.104-128, 2018 (Journal Indexed in SCI)
14. **Numerical solution of linear and nonlinear partial differential equations using the peridynamic differential operator**
Madenci E., Dorduncu M., Barut A., Futch M.
NUMERICAL METHODS FOR PARTIAL DIFFERENTIAL EQUATIONS, vol.33, no.5, pp.1726-1753, 2017 (Journal Indexed in SCI)
15. **Stress wave propagation in adhesively bonded functionally graded circular cylinders**
Dorduncu M., APALAK M. K.
Journal of Adhesion Science and Technology, vol.30, no.12, pp.1281-1309, 2016 (Journal Indexed in SCI)
16. **Elastic wave propagation in functionally graded circular cylinders**
Dorduncu M., APALAK M. K. , Cherukuri H. P.
COMPOSITES PART B-ENGINEERING, vol.73, pp.35-48, 2015 (Journal Indexed in SCI)
17. **Stress wave propagation in adhesively bonded similar and dissimilar circular cylinders**
Dorduncu M., APALAK M. K.
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.29, no.8, pp.778-806, 2015 (Journal Indexed in SCI)

Articles Published in Other Journals

1. **Coupling of Peridynamics and Timoshenko Beam Theory for the Stress Analysis of Laminated Composite Materials**
Dördüncü M.
Havacılık ve Uçay Teknolojileri Dergisi, vol.14, no.1, pp.53-62, 2021 (National Refreed University Journal)
2. **Peridynamics for the solution of the steady state heat conduction problem in plates with insulated cracks**
Dördüncü M.
Havacılık ve Uçay Teknolojileri Dergisi, vol.12, no.2, pp.145-155, 2019 (National Refreed University Journal)
3. **Peridynamic solution of the steady state heat conduction problem in plates with insulated cracks**
DÖRDÜNCÜ M.
Journal of Aeronautics and Space Technologies, vol.12, no.2, pp.145-155, 2019 (Other Refereed National Journals)
4. **Flexure Analysis of Functionally Graded Plates Using {2,2}-Refined Zigzag Theory**
Dördüncü M.
Havacılık ve Uçay Teknolojileri Dergisi, vol.12, no.1, pp.19-30, 2019 (National Refreed University Journal)

Books & Book Chapters

1. **Peridynamics for axisymmetric analysis**
Mitts C., Madenci E., Dördüncü M.
in: Peridynamic Modeling, Numerical Techniques, and Applications, Erdogan Madenci, Editor, Elsevier Science, Oxford/Amsterdam , Oxford, 2021
2. **Coupled Peridynamics and XFEM**
Dördüncü M., Madenci E., Barut A.
in: Peridynamic Modeling, Numerical Techniques, and Applications, Erdogan Madenci, Editor, Elsevier Science, Oxford/Amsterdam , Oxford, 2021
3. **Peridynamic modeling of laminated composites**
Madenci E., Dördüncü M.
in: New Approaches in Nonlocal Continuum Modelling, Esmaeel Ghavanloo,Ahmad Fazlzadeh,Francesco Marotti de Sciarra, Editor, Springer, London/Berlin , Massachusetts, 2020

4. **Peridynamics for Numerical Analysis**

Madenci E., Barut A., Dördüncü M.

in: Advances in Computing and Information in Engineering (ACIER) (In-press), John G. Michopoulos, Editor, American Society of Mechanical Engineers (ASME) , Massachusetts, 2020

5. **Peridynamic differential operator for numerical analysis**

Madenci E., Barut A., DÖRDÜNCÜ M.

Springer, London/Berlin , New York, 2019

Refereed Congress / Symposium Publications in Proceedings

1. **Peridynamic Analysis of One Dimensional Functionally Graded Plates**

Olmus I., Dördüncü M.

24th International Conference on Composite Structures- ICCS24 , Porto, Portugal, 14 - 18 June 2021

2. **A peridynamic approach for modeling composite laminates**

Madenci E., Yaghoobi A., Barut A., Dördüncü M., Phan N.

AIAA SciTech Forum 2021, Virginia, United States Of America, 11 - 15 January 2021

3. **Peridynamics for predicting damage in functionally graded materials**

Dördüncü M., Olmus I.

23rd International Conference on Composite Structures, Porto, Portugal, 1 - 04 September 2020

4. **WEAK FORM OF PERIDYNAMICS FOR MODELING FIBER-REINFORCED COMPOSITES**

Dördüncü M., Madenci E.

14th World Congress in Computational Mechanics, Paris, France, 19 - 24 July 2020

5. **PERIDYNAMICS AND REFINED ZIGZAG THEORY FOR PROGRESSIVE FAILURE ANALYSIS OF VISCOELASTIC COMPOSITES**

Dördüncü M., Madenci E.

19th International Conference on New Trends in Fatigue and Fracture, Arizona, United States Of America, 8 - 10 October 2019

6. **PERIDYNAMICS FOR BENDING ANALYSIS OF LAMINATED COMPOSITE PLATES BASED ON REFINED ZIGZAG THEORY**

Dördüncü M., Ergin Ö. F.

29th International Workshop on Computational Mechanics of Materials (IWCM29), Dubrovnik, Croatia, 15 - 18 September 2019

7. **A State-Based Peridynamic Truss Element for Progressive Failure Analysis of Composites**

Dördüncü M., Madenci E.

1st International Workshop on Plasticity, Damage and Fracture of Engineering Materials, Ankara, Turkey, 22 - 23 August 2019

8. **Bending behavior of laminated composite plates with embedded cracks by using refined zigzag theory**

Dördüncü M., Ergin Ö. F.

1st International Workshop on Plasticity, Damage and Fracture of Engineering Materials, Ankara, Turkey, 22 - 23 August 2019

9. **Non-ordinary State-based Peridynamics Free of Zero Energy Modes**

Madenci E., Dördüncü M.

15th U.S. National Congress on Computational Mechanics (USNCCM15), Texas, United States Of America, 28 July - 01 August 2019

10. **Peridynamics for predicting thermal expansion coefficient of graphene**

Madenci E., Barut A., Dorduncu M.

69th IEEE Electronic Components and Technology Conference, ECTC 2019, Nevada, United States Of America, 28 - 31 May 2019, pp.825-833

11. **Progressive failure analysis of composites based on peridynamics and refined zigzag theory**

Madenci E., DÖRDÜNCÜ M., Barut A., Phan N. D.

AIAA Scitech Forum, 2019, California, United States Of America, 7 - 11 January 2019

12. **Peridynamic Modeling of Composite Laminates**

Madenci E., DÖRDÜNCÜ M., Barut A., Phan N. D.

ASME 2018 International Mechanical Engineering Congress & Exposition, Pittsburgh, United States Of America, 9 - 15 November 2018

13. **Peridynamic Modeling of Composite Panels Under Impact Loading**

Madenci E., DÖRDÜNCÜ M., Phan N. D.

12th International Conference on Sandwich Structures, Lausanne, Switzerland, 19 - 22 August 2018

14. **Direct Coupling of Peridynamics with Finite Elements Without a Transition Zone**

Madenci E., DÖRDÜNCÜ M., Barut A., Phan N. D.

13th World Congress in Computational Mechanics, New York, United States Of America, 22 - 27 July 2018

15. **Peridynamic modeling of impact damage in laminated composites**

Madenci E., DÖRDÜNCÜ M., Barut A., Phan N. D.

18th International Conference on New Trends in Fatigue and Fracture, Lisbon, Portugal, 17 - 20 July 2018

16. **Peridynamics Guided Crack Growth in Isogeometric Analysis**

Madenci E., DÖRDÜNCÜ M., Phan N. D.

10th European Solid Mechanics Conference, Bologna, Italy, 2 - 06 July 2018

17. **A State-Based Peridynamic Element**

Madenci E., DÖRDÜNCÜ M., Barut A., Phan N. D.

The 18th U.S. National Congress on Theoretical and Applied Mechanics, Chicago, United States Of America, 4 - 09 June 2018

18. **Coupling of peridynamics with finite elements without an overlap zone**

Madenci E., Barut A., Dorduncu M., Phan N. D.

AIAA/ASCE/AHS/ASC Structures, Structural Dynamics, and Materials Conference, 2018, Florida, United States Of America, 8 - 12 January 2018

19. **Weak form of peridynamics**

Madenci E., Dorduncu M., Barut A., Phan N. D.

AIAA/ASCE/AHS/ASC Structures, Structural Dynamics, and Materials Conference, 2018, Florida, United States Of America, 8 - 12 January 2018

20. **Isogeometric analysis using peridynamics and XFEM**

Madenci E., Kefal A., Dorduncu M., Barut A., Yildiz M.

AIAA/ASCE/AHS/ASC Structures, Structural Dynamics, and Materials Conference, 2018, Florida, United States Of America, 8 - 12 January 2018

21. **Peridynamics for progressive failure analysis of composites**

Madenci E., Dorduncu M., Phan N.

33rd Technical Conference of the American Society for Composites 2018, Washington, United States Of America, 24 - 27 September 2018, vol.1, pp.599-613

22. **Weak Form of Peridynamic Equilibrium Equations**

DÖRDÜNCÜ M., Madenci E., Barut A.

ASME 2017 International Mechanical Engineering Congress & Exposition, Tampa, FL, United States Of America, 3 - 09 November 2017

23. **Peridynamics for solving nonlinear partial differential equations**

Madenci E., DÖRDÜNCÜ M.

14th U.S. National Congress on Computational Mechanics (USNCCM14), Montreal, Canada, 17 - 20 July 2017

24. **A three-node flat shell element based on Refined Zigzag Theory**

DÖRDÜNCÜ M., Tessler A., Madenci E.

3rd International Conference on Mechanics of Composites, Bologna, Italy, 4 - 07 July 2017

25. **Peridynamic augmented XFEM**

DÖRDÜNCÜ M., Barut A., Madenci E., Phan N. D.

58th AIAA/ASCE/AHS/ASC Structures, Structural Dynamics, and Materials Conference, 2017, Texas, United States

Of America, 9 - 13 January 2017

26. Peridynamic solution of free boundary problems

DÖRDÜNCÜ M., Barut A., Madenci E.

ASME 2016 International Mechanical Engineering Congress & Exposition, Phoenix, Az, United States Of America, 11 - 17 November 2016

27. Stress Wave Propagation in a Functionally Graded Cylinder

APALAK M. K. , DÖRDÜNCÜ M.

14 th International Symposium Functionally Graded Materials Multiscale & Multifunctional Structures, Bayreuth, Germany, 18 - 21 September 2016, pp.173-177

28. Peridynamic truss element for viscoelastic deformation

DÖRDÜNCÜ M., Barut A., Madenci E.

57th AIAA/ASCE/AHS/ASC Structures, Structural Dynamics, and Materials Conference, 2016, California, United States Of America, 4 - 08 January 2016

29. A refined zigzag element for modeling sandwich construction with embedded stiffeners

DÖRDÜNCÜ M., Barut A., Madenci E., Tessler A.

56th AIAA/ASCE/AHS/ASC Structures, Structural Dynamics, and Materials Conference 2015, Florida, United States Of America, 5 - 09 January 2015

30. Ordinary-state based peridynamic truss element

DÖRDÜNCÜ M., Barut A., Madenci E.

56th AIAA/ASCE/AHS/ASC Structures, Structural Dynamics, and Materials Conference 2015, Florida, United States Of America, 5 - 09 January 2015

31. Failure prediction in sandwich panels under blast loading using a refined zigzag element

Dorduncu M., Barut A., Madenci E.

54th AIAA/ASME/ASCE/AHS/ASC Structures, Structural Dynamics and Materials Conference, Boston, MA, United States Of America, 8 - 11 April 2013

Professional Experience

Courses

Machine Design and Application-II , Under Graduate, 2019 - 2020

Graduation Thesis, Under Graduate, 2019 - 2020

Machine Design and Application-I, Under Graduate, 2019 - 2020

ELASTİSİTE TEORİSİ-I, Post Graduate, 2018 - 2019

STRENGTH OF MATERIALS-II, Under Graduate, 2018 - 2019

STATİK, Under Graduate, 2018 - 2019

COMPUTATIONAL MECHANICS, Under Graduate, 2019 - 2020

MÜHENDİSLİKTE MATEMATİK METOTLAR -I, Post Graduate, 2018 - 2019

STRENGTH OF MATERIALS-I, Under Graduate, 2018 - 2019

Advising Theses

Kayran A., Dördüncü M., MESH INDEPENDENT METHOD FOR PROGRESSIVE FAILURE ANALYSIS OF COMPOSITE STRUCTURES, Doctorate, O.Dede(Student), Continues

Dördüncü M., Fonksiyonel Kademelendirilmiş Yapılarda Meydana Gelen Hasarların Peridinamik Yöntemi Kullanılarak İncelenmesi, Post Graduate, İ.Olmuş(Student), Continues

Memberships / Tasks in Scientific Organizations

Member, 2013 - Continues

Member, 2011 - Continues

Scientific Refereeing

THIN-WALLED STRUCTURES, SCI Journal, February 2021

PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART L-JOURNAL OF MATERIALS-DESIGN AND APPLICATIONS, SCI Journal, January 2021

INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES, SCI Journal, January 2021

OCEAN ENGINEERING, SCI Journal, January 2021

HAVACILIK VE UZAY TEKNOLOJİLERİ DERGİSİ, National Scientific Refreed Journal, December 2020

TUBITAK Project, 1002 - Quick Support Program, Erciyes University, Turkey, December 2020

Journal of Peridynamics and Nonlocal Modeling, Other Indexed Journal, November 2020

THEORETICAL AND APPLIED FRACTURE MECHANICS, SCI Journal, September 2020

ENGINEERING FRACTURE MECHANICS, SCI Journal, September 2020

THEORETICAL AND APPLIED FRACTURE MECHANICS, SCI Journal, September 2020

INTERNATIONAL JOURNAL OF IMPACT ENGINEERING, SCI Journal, September 2020

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, TÜBİTAK, Turkey, September 2020

THIN-WALLED STRUCTURES, SCI Journal, August 2020

COMPUTER METHODS IN APPLIED MECHANICS AND ENGINEERING, SCI Journal, August 2020

THEORETICAL AND APPLIED FRACTURE MECHANICS, SCI Journal, August 2020

INTERNATIONAL JOURNAL OF IMPACT ENGINEERING, SCI Journal, July 2020

COMPOSITE STRUCTURES, SCI Journal, June 2020

THIN-WALLED STRUCTURES, SCI Journal, May 2020

CONTINUUM MECHANICS AND THERMODYNAMICS, SCI Journal, April 2020

JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING, SCI Journal, January 2020

PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART L-JOURNAL OF MATERIALS-DESIGN AND APPLICATIONS, SCI Journal, January 2020

ENGINEERING FRACTURE MECHANICS, SCI Journal, January 2020

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Erciyes University, Turkey, January 2020

JOURNAL OF MECHANICS, Journal Indexed in SCI-E, July 2019

PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART L-JOURNAL OF MATERIALS-DESIGN AND APPLICATIONS, Journal Indexed in SCI-E, July 2019

Journal of Mechanics, SCI Journal, March 2019

Canadian Journal of Civil Engineering, SCI Journal, March 2019

The Journal of Aeronautics and Space Technologies, National Scientific Refreed Journal, December 2018

Part L: Journal of Materials: Design and Applications, SCI Journal, October 2018

Part L: Journal of Materials: Design and Applications, SCI Journal, June 2018

Part L: Journal of Materials: Design and Applications, SCI Journal, September 2016

Part L: Journal of Materials: Design and Applications, SCI Journal, June 2016

Tasks In Event Organizations

Dördüncü M., 19th International Conference on New Trends in Fatigue and Fracture, Scientific Congress, Arizona, United States Of America, Ekim 2019

Dördüncü M., 1st International Workshop on Plasticity, Damage and Fracture of Engineering Materials, Scientific Congress, Ankara, Turkey, Ağustos 2019

Dördüncü M., 9th International Conference on Recent Advances in Space Technologies, Scientific Congress, İstanbul, Turkey, Haziran 2019

Invited Congress and Symposium Activities

19th International Conference on New Trends in Fatigue and Fracture, Working Group, Arizona, United States Of America, 2019

29th International Workshop on Computational Mechanics of Materials (IWCMM29), Working Group, Dubrovnik, Croatia, 2019

1st International Workshop on Plasticity, Damage and Fracture of Engineering Materials, Working Group, Ankara, Turkey, 2019

59th AIAA/ASME/ASCE/AHS/ASC Structures, Structural Dynamics, and Materials Conference, AIAA Science and Technology Forum 2018, Kissimmee, FL., Attendee, Florida, United States Of America, 2018

3rd International Conference on Mechanics of Composites, Bologna, ITALY, Attendee, Bologna, Italy, 2017

58th AIAA/ASME/ASCE/AHS/ASC Structures, Structural Dynamics, and Materials Conference, AIAA Science and Technology Forum 2017, Dallas, TX., Attendee, Texas, United States Of America, 2017

57th AIAA/ASME/ASCE/AHS/ASC Structures, Structural Dynamics, and Materials Conference, AIAA Science and Technology Forum 2016, San Diego, CA., Attendee, California, United States Of America, 2016

56th AIAA/ASME/ASCE/AHS/ASC Structures, Structural Dynamics, and Materials Conference, AIAA Science and Technology Forum 2015, Kissimmee, FL., Attendee, Kissimee, Florida, United States Of America, 2015

54th AIAA/ASME/ASCE/AHS/ASC Structures, Structural Dynamics, and Materials Conference, Attendee, Boston, Massachusetts, United States Of America, 2013

Citations

Total Citations (WOS):111

h-index (WOS):7

Research Areas

Mechanical Engineering, Mechanical, Solid Mechanics, Fracture Mechanics, Finite Element Methods, Mathematics, Integral Equations, Numerical Analysis, Natural Sciences, Engineering and Technology