

## Prof. MURAT DİCLELİ

### Personal Information

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### International Researcher IDs

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ScopusID: 7003364965

Yoksis Researcher ID: 163550

### Education Information

Doctorate, University of Ottawa, Mühendislik Fakültesi, İnşaat Mühendisliği, Canada 1990 - 1993

Postgraduate, Middle East Technical University, Faculty Of Engineering, Department Of Civil Engineering, Turkey 1987 - 1989

Undergraduate, Middle East Technical University, Faculty Of Engineering, Department Of Civil Engineering, Turkey 1982 - 1987

### Foreign Languages

Arabic, B2 Upper Intermediate

English, C2 Mastery

### Dissertations

Doctorate, Effect of Extreme Gravity and Seismic Loads on Short to Medium Span Slab-on-Girder Steel Highway Bridges, University Of Ottawa, İnşaat Mühendisliği, 1993

Postgraduate, Inelastic spectral analysis of structural systems under seismic excitation, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 1989

### Research Areas

Engineering and Technology

### Academic Titles / Tasks

Professor, Middle East Technical University, Faculty Of Engineering, Department Of Engineering Sciences, 2009 - Continues

Associate Professor, Middle East Technical University, Faculty Of Engineering, Department Of Engineering Sciences, 2005

- 2009

Associate Professor, Bradley University, Mühendislik Fakültesi, İnşaat ve Yapım Mühendisliği, 2004 - 2005

Assistant Professor, Bradley University, Mühendislik Fakültesi, İnşaat ve Yapım Mühendisliği Bölümü, 2000 - 2004

## Academic and Administrative Experience

Middle East Technical University, Faculty of Engineering, Department of Engineering Sciences, 2012 - Continues

## Advising Theses

DİCLELİ M., Torsional response of seismic isolated buildings considering actual distribution of design coefficient of friction among curved surface sliders, Postgraduate, U.SERGEN(Student), 2021

DİCLELİ M., Comparative assessment of the rocking behavior of seismic isolated bridges, Postgraduate, P.TABIEHZAD(Student), 2021

DİCLELİ M., Evaluation of the accuracy of equivalent linear analysis method for seismic isolated buildings, Postgraduate, S.MUTLU(Student), 2021

DİCLELİ M., Effect of the number of stories and aspect ratio on the seismic performance of base-isolated buildings, Postgraduate, O.ZERMAN(Student), 2021

DİCLELİ M., Development of strength reduction factors for performance-based seismic design of bridges in far-fault seismic regions, Postgraduate, T.Z.S.(Student), 2021

DİCLELİ M., Effect of girder spacing on the construction cost and seismic performance of slab-on-prestressed concrete girder highway bridges, Postgraduate, B.Çağrı(Student), 2020

DİCLELİ M., Development of design equations to estimate live load effects in hammer-head bridge piers, Postgraduate, Ç.Demir(Student), 2019

DİCLELİ M., Damping reduction equation for the equivalent linear analysis of seismic isolated structures subjected to near fault ground motions, Postgraduate, E.Kara(Student), 2019

DİCLELİ M., Proposed minimum restoring force equations for seismic isolated structures, Postgraduate, A.Günel(Student), 2019

DİCLELİ M., Comparative seismic performance assessment of continuous slab on girder bridges with multi column pier bent and hammerhead pier for soft and stiff soil conditions, Postgraduate, Ç.İMAMOĞLU(Student), 2018

DİCLELİ M., Comparative seismic assessment of continuous slab on girder bridges with multi column pier bent and hammerhead pier for soft and stiff soil conditions, Postgraduate, Ç.İmamoğlu(Student), 2018

DİCLELİ M., Torsional hysteretic damper for seismic protection of structures, Doctorate, A.SALEM(Student), 2014

DİCLELİ M., Low-cycle fatigue performance of steel H-piles in integral bridges, Doctorate, M.KARALAR(Student), 2014

DİCLELİ M., YAKUT A., Dynamic simulation of shaking table tests for a shearwall building having torsion, Postgraduate, S.NAZİRZADEH(Student), 2012

DİCLELİ M., Effect of vehicular and seismic loads on the performance of integral bridges, Doctorate, S.ERHAN(Student), 2011

DİCLELİ M., Effect of skew on live load distribution in integral bridges, Postgraduate, M.ALİ(Student), 2009

DİCLELİ M., Seismic retrofitting of reinforced concrete buildings using steel braces with shear link, Postgraduate, C.DURUCAN(Student), 2009

DİCLELİ M., An assessment of winkler model for simulation of shallow foundation uplift, Postgraduate, R.BURAK(Student), 2008

DİCLELİ M., Development of a physical theory model for the simulation of hysteretic behavior of steel braces, Postgraduate, E.EMRE(Student), 2007

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Novel hysteretic damper to improve the distribution of story drifts and energy dissipation along the height of braced frames**  
Milani A. S. , DICLELÌ M.  
ENGINEERING STRUCTURES, vol.260, 2022 (SCI-Expanded)
- II. **Proposed minimum restoring force requirements for seismic isolated structures**  
DICLELÌ M., Gorgulu A. G.  
ENGINEERING STRUCTURES, vol.228, 2021 (SCI-Expanded)
- III. **Damping reduction equation for the equivalent linear analysis of seismic isolated structures subjected to near fault ground motions**  
DICLELÌ M., Kara E.  
ENGINEERING STRUCTURES, vol.220, 2020 (SCI-Expanded)
- IV. **Effect of the high frequency components of near-fault ground motions on the response of linear and nonlinear SDOF systems: A moving average filtering approach**  
Yalcin O. F. , Dicleli M.  
Soil Dynamics and Earthquake Engineering, vol.129, 2020 (SCI-Expanded)
- V. **Low-cycle fatigue in steel H-piles of integral bridges; a comparative study of experimental testing and finite element simulation**  
Karalar M., DICLELÌ M.  
Steel and Composite Structures, vol.34, no.1, pp.35-51, 2020 (SCI-Expanded)
- VI. **Fatigue in jointless bridge H-piles under axial load and thermal movements**  
Karalar M., Dicleli M.  
Journal of Constructional Steel Research, vol.147, pp.504-522, 2018 (SCI-Expanded)
- VII. **Incorporation of Skew Effects in Live-Load Distribution Factors Developed for Typical Integral Bridges**  
DICLELÌ M., Yalcin O. F.  
JOURNAL OF BRIDGE ENGINEERING, vol.23, no.2, 2018 (SCI-Expanded)
- VIII. **Design of Isolated Bridges for Multi-Level Seismic Performance using Gapped Device Connections**  
Dicleli M., Salem Milani A.  
Journal Of Bridge Engineering, vol.22, no.10, pp.79-97, 2017 (SCI-Expanded)
- IX. **Parametric study on the effect of structural and geotechnical properties on the seismic performance of integral bridges**  
Erhan S., DICLELÌ M.  
BULLETIN OF EARTHQUAKE ENGINEERING, vol.15, no.10, pp.4163-4191, 2017 (SCI-Expanded)
- X. **Low-cycle fatigue performance of solid cylindrical steel components subjected to torsion at very large strains**  
Milani A. S. , DICLELÌ M.  
JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH, vol.129, pp.12-27, 2017 (SCI-Expanded)
- XI. **Effect of thermal induced flexural strain cycles on the low cycle fatigue performance of integral bridge steel H-piles**  
Karalar M., DICLELÌ M.  
Engineering Structures, vol.124, pp.388-404, 2016 (SCI-Expanded)
- XII. **Systematic development of a new hysteretic damper based on torsional yielding: part I-design and development**  
Milani A. S. , DICLELÌ M.  
EARTHQUAKE ENGINEERING & STRUCTURAL DYNAMICS, vol.45, no.6, pp.845-867, 2016 (SCI-Expanded)
- XIII. **Systematic development of a new hysteretic damper based on torsional yielding: part IIexperimental phase**  
Milani A. S. , DICLELÌ M.  
EARTHQUAKE ENGINEERING & STRUCTURAL DYNAMICS, vol.45, no.5, pp.779-796, 2016 (SCI-Expanded)
- XIV. **A(P)/V-P specific inelastic displacement ratio for seismic response estimation of structures**  
Durucan C., DICLELÌ M.

- EARTHQUAKE ENGINEERING & STRUCTURAL DYNAMICS, vol.44, no.7, pp.1075-1097, 2015 (SCI-Expanded)
- XV. **Comparative assessment of the seismic performance of integral and conventional bridges with respect to the differences at the abutments**  
Erhan S., DİCLELİ M.  
BULLETIN OF EARTHQUAKE ENGINEERING, vol.13, no.2, pp.653-677, 2015 (SCI-Expanded)
- XVI. **MARTI and MRSD: Newly Developed Isolation-Damping Devices with Adaptive Hardening for Seismic Protection of Structures**  
Dicleli M., Salem Milani A.  
International Journal Of Civil Engineering, vol.9, no.6, pp.687-691, 2015 (SCI-Expanded)
- XVII. **Effect of dynamic soil-bridge interaction modeling assumptions on the calculated seismic response of integral bridges**  
Erhan S., DİCLELİ M.  
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, vol.66, pp.42-55, 2014 (SCI-Expanded)
- XVIII. **Evaluation of displacement coefficient method for seismically retrofitted buildings with various ductility capacities**  
DİCLELİ M., Durucan C.  
EARTHQUAKE ENGINEERING & STRUCTURAL DYNAMICS, vol.43, no.9, pp.1285-1306, 2014 (SCI-Expanded)
- XIX. **Critical Truck Loading Pattern to Maximize Live Load Effects in Skewed Integral Bridges**  
DİCLELİ M., Yalcin O. F.  
STRUCTURAL ENGINEERING INTERNATIONAL, vol.24, no.2, pp.265-274, 2014 (SCI-Expanded)
- XX. **Comparative Study on the Effect of Number of Girders on Live Load Distribution in Integral Abutment and Simply Supported Bridge Girders**  
Yalcin O. F. , DİCLELİ M.  
ADVANCES IN STRUCTURAL ENGINEERING, vol.16, no.6, pp.1011-1034, 2013 (SCI-Expanded)
- XXI. **Effect of lead core heating on the seismic performance of bridges isolated with LRB in near-fault zones**  
Ozdemir G., DİCLELİ M.  
EARTHQUAKE ENGINEERING & STRUCTURAL DYNAMICS, vol.41, no.14, pp.1989-2007, 2012 (SCI-Expanded)
- XXII. **Parametric analysis of optimum isolator properties for bridges susceptible to near-fault ground motions**  
Karalar M., Padgett J. E. , DİCLELİ M.  
Engineering Structures, vol.40, pp.276-287, 2012 (SCI-Expanded)
- XXIII. **Development of a new rubber seismic isolator: 'Ball Rubber Bearing (BRB)'**  
ÖZKAYA C., AKYÜZ U., CANER A., DİCLELİ M., Pinarbasi S.  
EARTHQUAKE ENGINEERING & STRUCTURAL DYNAMICS, vol.40, no.12, pp.1337-1352, 2011 (SCI-Expanded)
- XXIV. **Optimum characteristic properties of isolators with bilinear force-displacement hysteresis for seismic protection of bridges built on various site soils**  
DİCLELİ M., Karalar M.  
Soil Dynamics and Earthquake Engineering, vol.31, no.7, pp.982-995, 2011 (SCI-Expanded)
- XXV. **Effect of Foundation Soil Stiffness on the Seismic Performance of Integral Bridges**  
DİCLELİ M., Erhan S.  
STRUCTURAL ENGINEERING INTERNATIONAL, vol.21, no.2, pp.162-168, 2011 (SCI-Expanded)
- XXVI. **Analytical study on seismic retrofitting of reinforced concrete buildings using steel braces with shear link**  
Durucan C., DİCLELİ M.  
ENGINEERING STRUCTURES, vol.32, no.10, pp.2995-3010, 2010 (SCI-Expanded)
- XXVII. **Effect of superstructure-abutment continuity on live load distribution in integral abutment bridge girders**  
DİCLELİ M., Erhan S.  
STRUCTURAL ENGINEERING AND MECHANICS, vol.34, no.5, pp.635-662, 2010 (SCI-Expanded)
- XXVIII. **Effect of soil-bridge interaction on the magnitude of internal forces in integral abutment bridge**

**components due to live load effects**

DİCLELİ M., Erhan S.

ENGINEERING STRUCTURES, vol.32, no.1, pp.129-145, 2010 (SCI-Expanded)

- XXIX. **Live Load Distribution Formulas for Single-Span Prestressed Concrete Integral Abutment Bridge Girders**  
DİCLELİ M., Erhan S.  
JOURNAL OF BRIDGE ENGINEERING, vol.14, no.6, pp.472-486, 2009 (SCI-Expanded)
- XXX. **Effects of soil bridge interaction and abutment deck continuity on the live load distribution factors in integral bridge components** Integral köprülerde hareketli yük dağılımı Yapı-Zemin etkileşimi ve uç-ayak tabliye sürekliliğinin etkileri  
Erhan S., DİCLELİ M.  
Teknik Dergi/Technical Journal of Turkish Chamber of Civil Engineers, vol.20, no.4, pp.4833-4850, 2009 (SCI-Expanded)
- XXXI. **Effects of Soil Bridge Interaction and Abutment Deck Continuity on the Live Load Distribution Factors in Integral Bridge Components**  
Erhan S., DİCLELİ M.  
TEKNIK DERGI, vol.20, no.4, pp.4833-4850, 2009 (SCI-Expanded)
- XXXII. **Investigation of the Applicability of AASHTO LRFD Live Load Distribution equations for Integral Bridge Substructures**  
Erhan S., DİCLELİ M.  
ADVANCES IN STRUCTURAL ENGINEERING, vol.12, no.4, pp.559-578, 2009 (SCI-Expanded)
- XXXIII. **SEISMIC RETROFITTING OF CHEVRON-BRACED STEEL FRAMES BASED ON PREVENTING BUCKLING INSTABILITY OF BRACES**  
DİCLELİ M., Mehta A.  
INTERNATIONAL JOURNAL OF STRUCTURAL STABILITY AND DYNAMICS, vol.9, no.2, pp.333-356, 2009 (SCI-Expanded)
- XXXIV. **Live load distribution equations for integral bridge substructures**  
Erhan S., Dicleli M.  
ENGINEERING STRUCTURES, vol.31, no.5, pp.1250-1264, 2009 (SCI-Expanded)
- XXXV. **Effect of soil and substructure properties on live-load distribution in integral abutment bridges**  
DİCLELİ M., Erhan S.  
JOURNAL OF BRIDGE ENGINEERING, vol.13, no.5, pp.527-539, 2008 (SCI-Expanded)
- XXXVI. **Physical theory hysteretic model for steel braces**  
DİCLELİ M., Calik E. E.  
JOURNAL OF STRUCTURAL ENGINEERING-ASCE, vol.134, no.7, pp.1215-1228, 2008 (SCI-Expanded)
- XXXVII. **Performance of seismic-isolated bridges with and without elastic-gap devices in near-fault zones**  
Dicleli M.  
EARTHQUAKE ENGINEERING & STRUCTURAL DYNAMICS, vol.37, no.6, pp.935-954, 2008 (SCI-Expanded)
- XXXVIII. **Seismic performance of a special type of single-story eccentrically braced steel frame**  
DİCLELİ M., Mehta A.  
ADVANCES IN STRUCTURAL ENGINEERING, vol.11, no.1, pp.35-51, 2008 (SCI-Expanded)
- XXXIX. **Comprehensive evaluation of equivalent linear analysis method for seismic-isolated structures represented by sdof systems**  
Dicleli M., Buddaram S.  
ENGINEERING STRUCTURES, vol.29, no.8, pp.1653-1663, 2007 (SCI-Expanded)
- XL. **Seismic performance of chevron braced steel frames with and without viscous fluid dampers as a function of ground motion and damper characteristics**  
Dicleli M., Mehta A.  
JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH, vol.63, no.8, pp.1102-1115, 2007 (SCI-Expanded)
- XLI. **Efficient energy dissipating steel-braced frame to resist seismic loads**  
Dicleli M., Mehta A.

- JOURNAL OF STRUCTURAL ENGINEERING-ASCE, vol.133, no.7, pp.969-981, 2007 (SCI-Expanded)
- XLII. **Effect of near-fault ground motion and damper characteristics on the seismic performance of chevron braced steel frames**  
Dicleli M., Mehta A.  
EARTHQUAKE ENGINEERING & STRUCTURAL DYNAMICS, vol.36, no.7, pp.927-948, 2007 (SCI-Expanded)
- XLIII. **Supplemental elastic stiffness to reduce isolator displacements for seismic-isolated bridges in near-fault zones**  
Dicleli M.  
ENGINEERING STRUCTURES, vol.29, no.5, pp.763-775, 2007 (SCI-Expanded)
- XLIV. **Simulation of inelastic cyclic buckling behavior of steel box sections**  
Dicleli M., Mehta A.  
COMPUTERS & STRUCTURES, vol.85, pp.446-457, 2007 (SCI-Expanded)
- XLV. **Equivalent linear analysis of seismic-isolated bridges subjected to near-fault ground motions with forward rupture directivity effect**  
Dicleli M., Buddaram S.  
ENGINEERING STRUCTURES, vol.29, no.1, pp.21-32, 2007 (SCI-Expanded)
- XLVI. **Performance of seismic-isolated bridges in relation to near-fault ground-motion and isolator characteristics**  
Dicleli M.  
EARTHQUAKE SPECTRA, vol.22, no.4, pp.887-907, 2006 (SCI-Expanded)
- XLVII. **Improved effective damping equation for equivalent linear analysis of seismic-isolated bridges**  
Dicleli M., Buddaram S.  
EARTHQUAKE SPECTRA, vol.22, no.1, pp.29-46, 2006 (SCI-Expanded)
- XLVIII. **Effect of isolator and ground motion characteristics on the performance of seismic-isolated bridges**  
Dicleli M., Buddaram S.  
EARTHQUAKE ENGINEERING & STRUCTURAL DYNAMICS, vol.35, no.2, pp.233-250, 2006 (SCI-Expanded)
- XLIX. **Effect of modifying bearing fixities on the seismic response of short- to medium-length bridges with heavy substructures**  
Hindi R., Dicleli M.  
EARTHQUAKE SPECTRA, vol.22, no.1, pp.65-84, 2006 (SCI-Expanded)
- L. **Analytical formulation of maximum length limits of integral bridges on cohesive soils**  
Dicleli M., Albhaisi S.  
CANADIAN JOURNAL OF CIVIL ENGINEERING, vol.32, no.4, pp.726-738, 2005 (SCI-Expanded)
- LI. **Efficiency of Seismic Isolation for Seismic Retrofitting of Heavy Substructured Bridges**  
Dicleli M., Mansour M. Y. , Constantinou M. C.  
JOURNAL OF BRIDGE ENGINEERING, vol.10, no.4, pp.429-441, 2005 (SCI-Expanded)
- LII. **Seismic retrofitting of bridges by response modification techniques based on altering bearing fixities**  
Dicleli M., Hindi R.  
JOURNAL OF EARTHQUAKE ENGINEERING, vol.9, no.4, pp.483-495, 2005 (SCI-Expanded)
- LIII. **Integral Abutment-Backfill Behavior on Sand Soil-Pushover Analysis Approach**  
Dicleli M.  
JOURNAL OF BRIDGE ENGINEERING, vol.10, no.3, pp.354-364, 2005 (SCI-Expanded)
- LIV. **Analytical prediction of thermal displacement capacity of integral bridges built on sand**  
Dicleli M.  
ADVANCES IN STRUCTURAL ENGINEERING, vol.8, no.1, pp.15-30, 2005 (SCI-Expanded)
- LV. **Static soil-structure interaction effects in seismic-isolated bridges**  
Dicleli M., Albhaisi S., Mansour M.  
Practice Periodical on Structural Design and Construction, vol.10, no.1, pp.22-23, 2005 (SCI-Expanded)
- LVI. **Prediction of damage in R/C shear panels subjected to reversed cyclic loading**  
Hindi R., Mansour M., Dicleli I.

- JOURNAL OF EARTHQUAKE ENGINEERING, vol.9, no.1, pp.41-66, 2005 (SCI-Expanded)
- LVII. **Estimation of Length Limits for Integral Bridges Built on Clay**  
Dicleli M., Albhaisi S. M.  
JOURNAL OF BRIDGE ENGINEERING, vol.9, no.6, pp.572-581, 2004 (SCI-Expanded)
- LVIII. **Nonlinear analysis of R/C low-rise shear walls**  
Mansour M. Y., Dicleli M., Lee J. Y.  
Advances in Structural Engineering, vol.7, no.4, pp.345-361, 2004 (SCI-Expanded)
- LIX. **Performance of abutment-backfill system under thermal variations in integral bridges built on clay**  
Dicleli M., Albhaisi S.  
ENGINEERING STRUCTURES, vol.26, no.7, pp.949-962, 2004 (SCI-Expanded)
- LX. **Predicting the shear strength of reinforced concrete beams using artificial neural networks**  
Mansour M., Dicleli M., Lee J., Zhang J.  
ENGINEERING STRUCTURES, vol.26, no.6, pp.781-799, 2004 (SCI-Expanded)
- LXI. **Effect of cyclic thermal loading on the performance of steel H-piles in integral bridges with stub-abutments**  
Dicleli M., Albhaisi S.  
JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH, vol.60, no.2, pp.161-182, 2004 (SCI-Expanded)
- LXII. **Assessment of Performance of Seismic Isolation System of Bolu Viaduct**  
Roussis P. C., Constantinou M. C., Erdik M., Durukal E., Dicleli M.  
JOURNAL OF BRIDGE ENGINEERING, vol.8, no.4, pp.182-190, 2003 (SCI-Expanded)
- LXIII. **Seismic retrofitting of highway bridges in Illinois using friction pendulum seismic isolation bearings and modeling procedures**  
Dicleli M., Mansour M.  
ENGINEERING STRUCTURES, vol.25, no.9, pp.1139-1156, 2003 (SCI-Expanded)
- LXIV. **Maximum length of integral bridges supported on steel H-piles driven in sand**  
Dicleli M., Eng P., Albhaisi S. M.  
Engineering Structures, vol.25, no.12, pp.1491-1504, 2003 (SCI-Expanded)
- LXV. **Simplified seismic analysis of a class of regular steel bridges**  
Dicleli M.  
ENGINEERING STRUCTURES, vol.24, no.11, pp.1409-1422, 2002 (SCI-Expanded)
- LXVI. **Seismic design of lifeline bridge using hybrid seismic isolation**  
Dicleli M.  
Journal of Bridge Engineering, vol.7, no.2, pp.94-103, 2002 (SCI-Expanded)
- LXVII. **Simplified model for computer-aided analysis of integral bridges**  
Dicleli M.  
Journal of Bridge Engineering, vol.5, no.3, pp.240-248, 2000 (SCI-Expanded)
- LXVIII. **A rational design approach for prestressed-concrete-girder integral bridges**  
Dicleli M.  
ENGINEERING STRUCTURES, vol.22, no.3, pp.230-245, 2000 (SCI-Expanded)
- LXIX. **Computer-aided optimum design of steel tubular telescopic pole structures**  
Dicleli M.  
COMPUTERS & STRUCTURES, vol.62, no.6, pp.961-973, 1997 (SCI-Expanded)
- LXX. **Quantitative approach to rapid seismic evaluation of slab-on-girder steel highway bridges**  
Dicleli M., Bruneau M.  
Journal of Structural Engineering, vol.122, no.10, pp.1160-1168, 1996 (SCI-Expanded)
- LXXI. **FATIGUE-BASED METHODOLOGY FOR MANAGING IMPACT OF HEAVY-PERMIT TRUCKS ON STEEL HIGHWAY BRIDGES**  
DICLELI M., BRUNEAU M.  
JOURNAL OF STRUCTURAL ENGINEERING-ASCE, vol.121, no.11, pp.1651-1659, 1995 (SCI-Expanded)
- LXXII. **SEISMIC PERFORMANCE OF SINGLE-SPAN SIMPLY SUPPORTED AND CONTINUOUS SLAB-ON-GIRDER STEEL HIGHWAY BRIDGES**

- DICLELI M., BRUNEAU M.  
 JOURNAL OF STRUCTURAL ENGINEERING-ASCE, vol.121, no.10, pp.1497-1506, 1995 (SCI-Expanded)
- LXXIII. **AN ENERGY APPROACH TO SLIDING OF SINGLE-SPAN SIMPLY SUPPORTED SLAB-ON-GIRDER STEEL HIGHWAY BRIDGES WITH DAMAGED BEARINGS**  
 DICLELI M., BRUNEAU M.  
 EARTHQUAKE ENGINEERING & STRUCTURAL DYNAMICS, vol.24, no.3, pp.395-409, 1995 (SCI-Expanded)
- LXXIV. **Seismic performance of multispan simply supported slab-on-girder steel highway bridges**  
 Dicleli M., Bruneau M.  
 Engineering Structures, vol.17, no.1, pp.4-14, 1995 (SCI-Expanded)
- LXXV. **AN ANALYTICAL ASSESSMENT OF ELASTIC AND INELASTIC RESPONSE SPECTRA**  
 SUCUOGLU H., DICLELI M., NURTUG A.  
 CANADIAN JOURNAL OF CIVIL ENGINEERING, vol.21, no.3, pp.386-395, 1994 (SCI-Expanded)

### Articles Published in Other Journals

- I. **An innovative hysteretic damper with adaptive post-elastic stiffness for seismic protection of bridges**  
 DICLELI M., Milani A. S.  
 BRIDGE STRUCTURES, vol.11, no.4, pp.131-140, 2015 (ESCI)
- II. **Low cycle fatigue effects in integral bridge steel H-piles under seismic displacement reversals**  
 DICLELI M., Erhan S.  
 Bridge Structures, vol.9, no.4, pp.185-190, 2013 (ESCI)
- III. **Computer-aided limit states analysis of bridge abutments**  
 Dicleli M.  
 Electronic Journal of Structural Engineering, vol.1, pp.74-97, 2001 (Scopus)

### Books & Book Chapters

- I. **Integral Bridges**  
 Dicleli M.  
 in: Innovative Bridge Design Handbook Construction, Rehabilitation and Maintenance, Alessio Pipinato, Editor, ELSEVIER-Butterworth-Heinemann, Oxford, pp.511-541, 2021
- II. **Integral bridges**  
 DICLELI M.  
 in: Innovative Bridge Design Handbook Construction Rehabilitation and Maintenance, Alessio Pipinato, Editor, ELSEVIER - Butterworth-Heinemann, Boston, pp.16-429, 2016
- III. **Integral Bridges**  
 Dicleli M.  
 in: Innovative Bridge Design Handbook Construction, Rehabilitation and Maintenance , Pipinato A, Editor, Elsevier Science, Oxford/Amsterdam , Oxford, pp.429-450, 2016
- IV. **Innovative Bridge Design Handbook: Construction, Rehabilitation and Maintenance – Section VI Special Topics: Chapter 19: Integral Bridges**  
 Dicleli M.  
 Butterworth-Heinemann , Massachusetts, 2015
- V. **Advances in Structural Engineering – Volume 3-Materials, “Low Cycle Fatigue Performance of Integral Bridge Steel H-Piles under Earthquake Induced Strain Reversals”**  
 Dicleli M., Erhan S.  
 Springer, London/Berlin , New Delhi, 2015
- VI. **Advances in Structural Engineering – Volume 2 – Dynamics Chapter: Steel Hysteretic Damper**



### **Featuring Displacement Dependent Hardening for Seismic Protection of Structures**

Dicleli M., Salem Milani A.

Springer, London/Berlin , New Delhi, 2015

- VII. **Steel Hysteretic Damper Featuring Displacement Dependent Hardening for Seismic Protection of Structures**  
Dicleli M., Salem Milani A.  
in: Advances in Structural Engineering-Volume 2-Dynamics, Matsagar V, Editor, Springer, London/Berlin , London, pp.1219-1229, 2015
- VIII. **Low Cycle Fatigue Performance of Integral Bridge Steel H-Piles under Earthquake Induced Strain Reversals**  
Dicleli M., Erhan S.  
in: Advances in Structural Engineering – Volume 3-Materials, Matsagar V, Editor, Springer, London/Berlin , London, pp.2505-2515, 2015
- IX. **Seismic Isolation of Highway Bridges**  
Buckle I., Constantinou M., Dicleli M., Ghasemi H.  
Multidisciplinary Center For Earthquake Engineering Research (MCEER) , New-York, 2006
- X. **Computer Aided Optimum Design of Structures VIII**  
Dicleli M., Nassar W.  
WIT Press , Southampton, 2003
- XI. **Practical Approach to Optimum Design of Steel Tubular Slip-Joint Power Transmission Poles**  
Dicleli M., Nassar W.  
in: Computer Aided Optimum Design of Structures VIII, Brebbia C.A.,El-Sayed M.E.M.,Hernandez S., Editor, WIT Press, Southampton, pp.251-260, 2003

### **Refereed Congress / Symposium Publications in Proceedings**

- I. **Using seismic restrainers with gap to reduce isolator displacements in seismic-isolated bridges subjected to pulse-type ground motions**  
DİCLELİ M., Kurtman B.  
10th International Conference on Bridge Maintenance, Safety and Management, IABMAS 2020, Sapporo, Japan, 11 - 15 April 2021, pp.3996-4001
- II. **Classification of thermal induced strain cycles and study of associated fatigue damage in integral bridge steel H-piles**  
DİCLELİ M., Karalar M.  
10th International Conference on Bridge Maintenance, Safety and Management, IABMAS 2020, Sapporo, Japan, 11 - 15 April 2021, pp.3971-3978
- III. **Effect of pile length on the low cycle fatigue performance of integral bridge steel H piles**  
Karalar M., DİCLELİ M.  
10th International Conference on Bridge Maintenance, Safety and Management, IABMAS 2020, Sapporo, Japan, 11 - 15 April 2021, pp.3888-3891
- IV. **Fracture mechanics approach to predict the low cycle fatigue life of steel H-piles in integral bridge**  
Karalar M., DİCLELİ M.  
10th International Conference on Bridge Maintenance, Safety and Management, IABMAS 2020, Sapporo, Japan, 11 - 15 April 2021, pp.3884-3887
- V. **Structural and geotechnical configuration of integral bridges to enhance their seismic performance**  
DİCLELİ M., Erhan S.  
10th International Conference on Bridge Maintenance, Safety and Management, IABMAS 2020, Sapporo, Japan, 11 - 15 April 2021, pp.3979-3986
- VI. **New bridge seismic isolation design specifications of Turkey**  
DİCLELİ M., Milani A., Kurtman B.

10th International Conference on Bridge Maintenance, Safety and Management, IABMAS 2020, Sapporo, Japan, 11 - 15 April 2021, pp.3965-3970

VII. **Appropriate selection of isolator properties to enhance the seismic performance of seismic-isolated bridges in near-fault zones**

DİCLELİ M., Karalar M.

10th International Conference on Bridge Maintenance, Safety and Management, IABMAS 2020, Sapporo, Japan, 11 - 15 April 2021, pp.4002-4008

VIII. **Performance-Based Design of Seismic Isolated Bridges in Cold Climate; A Case Study**

DİCLELİ M.

The Third International Conference on Engineering Innovation and Seismic Mitigation of Bridges, Online, China, 21 November 2020

IX. **Design of seismic isolated bridges in cold climates a case study**

DİCLELİ M., Salem Milani A.

5ICEES – 5. International Conference on Earthquake Engineering and Seismology, Ankara, Turkey, 8 - 11 October 2019

X. **Performance Of Steel Framed Buildings Equipped With Viscous Fluid Dampers Under Near-Fault Ground Motions With Directivity**

KARALAR M., DİCLELİ M.

16th World Conference on Seismic Isolation, Energy Dissipation and Active Vibration Control of Structures, 1 - 06 July 2019

XI. **Optimum Properties of Seismic Isolation Systems in Highway Bridges to Minimize Isolator Displacements or Substructure Forces**

DİCLELİ M., KARALAR M.

16th World Conference on Seismic Isolation, Energy Dissipation and Active Vibration Control of Structures, 1 - 06 July 2019

XII. **Performance based design of seismic isolated bridges in cold climates using multi directional torsional hysteretic damper and lubricated flat sliding spherical bearings**

DİCLELİ M., Salem Milani A.

16th World Conference on Seismic Isolation, Energy Dissipation and Active Vibration Control of Structures (16WCSI), Saint Peter, Guernsey And Alderney, 1 - 06 July 2019

XIII. **Comparative Assessment of the Efficiency of Seismic Isolation for Seismic Retrofitting of Highway Bridges in Regions of Low-to-Moderate Seismicity**

KARALAR M., DİCLELİ M.

16th World Conference on Seismic Isolation, Energy Dissipation and Active Vibration Control of Structures, 1 - 06 July 2019

XIV. **Economical Seismic Retrofitting of Chevron Braced Steel Frames Based on Averting Brace Buckling**

Dicleli M., Karalar M.

WCCE-ECCE-TCCE Joint Conference on Earthquake & Tsunami, İstanbul, Turkey, 22 June 2009, pp.1-11

XV. **Seismic design of bridges and buildings using seismic isolation and energy dissipating technology**

DİCLELİ M.

Seismic design of bridges and buildings using seismic isolation and energy dissipating technology, Baku, Azerbaijan, 14 - 16 November 2018

XVI. **Elastic-gap device to enhance the performance of seismic-isolated bridges in near fault zones**

Dicleli M., Karalar M.

ASEC 2018, Australasian Structural Engineering Conference, Adelaide, Australia, 25 - 28 September 2018, pp.458-466

XVII. **Seismic retrofitting of RC buildings using energy dissipating shear link**

Dicleli M., Durucan C.

ASEC 2018, Australasian Structural Engineering Conference, Adelaide, Australia, 25 - 28 September 2018, pp.86-97

XVIII. **Performance-based seismic design of isolated bridges using gapped damping device connections**

Dicleli M., Karalar M.

- ASEC 2018, Australasian Structural Engineering Conference, Adelaide, Australia, 25 - 28 September 2018, pp.311-321
- XIX. **Proposed cycle counting method for thermal strains in integral bridge steel H-piles**  
Dicleli M., Karalar M.  
ASEC 2018, Australasian Structural Engineering Conference, Adelaide, Australia, 25 - 28 September 2018, pp.143-152
- XX. **Proposed elastic-gap device for performance improvement of seismic-isolated bridges near active faults**  
Dicleli M.  
10th International Conference on Short and Medium Span Bridges, Quebec, Canada, 31 July - 03 August 2018, pp.201-210
- XXI. **Optimal structural and geotechnical parameters for seismic performance improvement of integral bridges**  
Dicleli M., Erhan S.  
10th International Conference on Short and Medium Span Bridges, Quebec, Canada, 31 July - 03 August 2018, pp.252-260
- XXII. **Design of isolated bridges for adaptive seismic performance using gapped hysteretic damper connections**  
Dicleli M., Salem Milani A.  
10th International Conference on Short and Medium Span Bridges, Quebec, Canada, 31 July - 03 August 2018, pp.324-333
- XXIII. **Proposed cycle counting method to estimate fatigue damage in integral bridge steel h-piles**  
Dicleli M., Karalar M.  
10th International Conference on Short and Medium Span Bridges, Quebec, Canada, 31 July - 03 August 2018, pp.377-386
- XXIV. **Experimental investigation on the low cycle fatigue performance of piles**  
Dicleli M.  
IABMAS 2019 - 9th International Conference on Bridge Maintenance, Safety and Management, Melbourne, Australia, 9 - 13 July 2018, pp.224-233
- XXV. **Experimental Investigation on the Low Cycle Fatigue Life of Piles**  
KARALAR M., DİCLELİ M.  
9th International Conference on Bridge Maintenance, Safety and Management, Melbourne, Australia, 9 - 13 July 2018
- XXVI. **Importance of simulation in the design of experimental tests**  
Dicleli M., Karalar M.  
IABMAS 2019 - 9th International Conference on Bridge Maintenance, Safety and Management, Melbourne, Australia, 9 - 13 July 2018, pp.162-171
- XXVII. **Passive damping and seismic isolation steel devices with displacement-dependent hardening**  
Dicleli M., Salem Milani A.  
13th International Conference on Steel, Space and Composite Structures, Perth, Australia, 31 January - 02 February 2018, pp.100-110
- XXVIII. **Investigation of low cycle fatigue in integral bridge steel h-piles under seismic displacement reversals**  
Dicleli M., Erhan S.  
13th International Conference on Steel, Space and Composite Structures, Perth, Australia, 31 January - 02 February 2018, pp.111-122
- XXIX. **Effect of thermal induced flexural strain cycles on the low cycle fatigue performance of integral bridge steel H-piles**  
Karalar M., Dicleli M.  
ASEM17-The 2017 World Congress on Advances in Structural Engineering and Mechanics, Iksan, South Korea, 28 August 2017, pp.1-22

- XXX. **Experimental investigation of axial load on low cycle fatigue performance of steel H-piles in integral bridges**  
Dicleli M., Karalar M.  
ASEM17-The 2017 World Congress on Advances in Structural Engineering and Mechanics, Iksan, South Korea, 28 August 2017, pp.1-10
- XXXI. **effect of thermal induced flexural strain on the low cycle fatigue performance of integral bridge steel H piles**  
KARALAR M., DİCLELİ M.  
the 2017 world congress on advanced in structural engineering and mechanics, 28 August - 01 September 2017
- XXXII. **Performance-Based Seismic Design of Bitlis River Viaduct Based on Damage Control Using Seismic Isolation and Energy Dissipation Devices**  
DİCLELİ M., Milani A. S.  
2nd International Conference on Civil Engineering and Materials Science (ICCEMS), Seoul, South Korea, 26 - 28 May 2017, vol.216
- XXXIII. **Newly developed passive damping and seismic isolation devices with adaptive post-elastic stiffness**  
Dicleli M., Salem Milani A.  
NZSEE Annual Technical Conference and 15th World Conference on Seismic Isolation, Energy Dissipation and Active Vibration Control of Structures, Wellington, New Zealand, 27 April 2017, pp.1-7
- XXXIV. **Performance improvement of seismic-isolated bridges near active faults using elastic-gap devices**  
Dicleli M.  
NZSEE Annual Technical Conference and 15th World Conference on Seismic Isolation, Energy Dissipation and Active Vibration Control of Structures, Wellington, New Zealand, 27 April 2017, pp.1-15
- XXXV. **Ductile steel panels with shear link-brace system to enhance the seismic performance of reinforced concrete buildings**  
Dicleli M., Durucan C.  
NZSEE Annual Technical Conference and 15th World Conference on Seismic Isolation, Energy Dissipation and Active Vibration Control of Structures, Wellington, New Zealand, 27 April 2017, pp.1-7
- XXXVI. **Ductile panels with shear links to enhance the performance of RC buildings**  
DİCLELİ M., DURUCAN C.  
NZSEE Annual Technical Conference and 15th World Conference on Seismic Isolation, Energy Dissipation and Active Vibration Control of Structures., Wellington, New Zealand, 27 - 29 April 2017
- XXXVII. **Parametric study to determine appropriate structural and geotechnical properties to enhance the seismic performance of integral bridges**  
Dicleli M., Erhan S.  
NZSEE Annual Technical Conference and 15th World Conference on Seismic Isolation, Energy Dissipation and Active Vibration Control of Structures, Wellington, New Zealand, 27 April 2017, pp.1-8
- XXXVIII. **Seismic retrofitting of reinforced concrete buildings using steel panel with ductile shear link for energy dissipation**  
Dicleli M., Durucan C.  
The 7th International Conference of Asian Concrete Federation, Ha-Noi, Vietnam, 30 October 2016, pp.1-10
- XXXIX. **Evaluation of displacement coefficient method for reinforced concrete buildings with various ductility capacities**  
Dicleli M., Durucan C.  
The 7th International Conference of Asian Concrete Federation, Ha-Noi, Vietnam, 30 October 2016, pp.1-8
- XL. **Newly developed innovative passive damping and seismic isolation devices with adaptive re-centering capability**  
Dicleli M., Salem Milani A.  
2016 SEAOC Convention, Hawaii, United States Of America, 12 October 2016, pp.1-8
- XLI. **Simulation of low cycle fatigue performance of steel H piles via finite element approach**  
Karalar M., DİCLELİ M.  
8th International Conference on Bridge Maintenance, Safety and Management (IABMAS), Foz do Iguaçú, Brazil, 26

- 30 June 2016, pp.497

- XLII. **New cycle counting method for the assessment of low cycle fatigue in steel H-piles of integral bridges**  
DÍCLELÍ M., Karalar M.  
8th International Conference on Bridge Maintenance, Safety and Management (IABMAS), Foz do Iguacu, Brazil, 26 - 30 June 2016, pp.496
- XLIII. **Investigation of fatigue in steel H-piles of integral bridges subjected to intense seismic ground motions**  
DÍCLELÍ M., Karalar M.  
8th International Conference on Bridge Maintenance, Safety and Management (IABMAS), Foz do Iguacu, Brazil, 26 - 30 June 2016, pp.510
- XLIV. **Performance-based seismic design of a major viaduct using torsional dampers**  
Dicleli M., Erhan S.  
14th International Conference on Structural & Geotechnical Engineering 2015 (ICSGE14), Cairo, Egypt, 20 December 2015, pp.1-10
- XLV. **Earthquake-Induced Fatigue Effects in Integral Bridge Steel H-Piles**  
Dicleli M., Erhan S.  
14th International Conference on Structural & Geotechnical Engineering 2015 (ICSGE14), Cairo, Egypt, 20 December 2015, pp.1-9
- XLVI. **Low cycle fatigue performance of integral bridge steel H-piles under seismic displacement reveals**  
Dicleli M., Karalar M.  
Proceedings of the 13th Nordic Steel Construction Conference (NSCC-2015), Tampere, Finland, 23 September 2015, pp.185-190
- XLVII. **New steel damper with displacement dependent recentering for seismic protection of structures**  
Dicleli M., Salem Milani A.  
Proceedings of the 13th Nordic Steel Construction Conference (NSCC-2015), Tampere, Finland, 23 September 2015, pp.1-8
- XLVIII. **Effect of longitudinal stiffeners on the flanges to improve the low cycle fatigue performance of steel H-piles**  
Dicleli M., Karalar M.  
Proceedings of the 13th Nordic Steel Construction Conference (NSCC-2015), Tampere, Finland, 23 September 2015, pp.1-10
- XLIX. **MARTI and MRSD: Newly Developed Isolation-Damping Devices with Adaptive Hardening for Seismic Protection of Structures**  
Dicleli M., Salem Milani A.  
17th International Conference on Civil, Structural and Earthquake Engineering, Toronto, Canada, 15 July 2015, pp.1-5
- L. **Damage-Related Performance-Based Seismic Design of Bitlis River Viaduct**  
Dicleli M., Salem Milani A.  
7th International Conference on Seismology and Earthquake Engineering, Tehran, Iran, 18 May 2015, pp.1-8
- LI. **Low Cycle Fatigue Performance of Integral Bridge Steel H-Piles under Earthquake Induced Strain Reversals**  
Dicleli M., Erhan S.  
SEC2014 – Structural Engineering Convention 2014, Dehri, India, 22 December 2014, pp.1-9
- LII. **A New Steel Damping Device with Adaptive Re-Centering Capability for Seismic Protection of Structures**  
Dicleli M., Salem Milani A.  
SEC2014 – Structural Engineering Convention 2014, Dehri, India, 22 December 2014, pp.1-10
- LIII. **Steel hysteretic damper featuring displacement dependent hardening for seismic protection of structures**  
DÍCLELÍ M., Milani A. S.

1st International Conference on Construction Materials and Structures, Johannesburg, South Africa, 24 - 26 November 2014, pp.68-75

- LIV. **Low cycle fatigue performance of integral bridge steel H-piles subjected to earthquakes**  
DİCLELİ M., Erhan S.  
1st International Conference on Construction Materials and Structures, Johannesburg, South Africa, 24 - 26 November 2014, pp.1107-1115
- LIV. **Steel Hysteretic Damper Featuring Displacement Dependent Hardening for Seismic Protection of Structures**  
Dicleli M., Salem Milani A.  
ICCMATS - International Conference on Construction Materials and Structures, Johannesburg, South Africa, 24 November 2014, pp.1-10
- LVI. **New Hysteretic Damper Featuring Displacement Dependent Hardening for Seismic Protection of Bridges**  
Dicleli M., Salem Milani A.  
9th International Conference on Short and Medium Span Bridges, Calgary, Canada, 15 July 2014, pp.1-10
- LVII. **Low Cycle Fatigue Effects in Integral Bridge Steel H-Piles under Seismic Displacement Reversals**  
Dicleli M., Erhan S.  
2013 New York City Bridge Conference, Bridge Engineering Association, New-York, United States Of America, 26 August 2013, pp.185-191
- LVIII. **An Innovative Hysteretic Damper with Adaptive Post-Elastic Stiffness for Seismic Protection of Bridges**  
Dicleli M., Salem Milani A.  
2013 New York City Bridge Conference, Bridge Engineering Association, New-York, United States Of America, 26 August 2013, pp.1-13
- LIX. **Comparative Assessment of the Seismic Performance of Integral and Jointed Bridges**  
Dicleli M., Erhan S.  
Seventh National Seismic Conference on Bridges and Highways - Bridge Resilience for Earthquakes and Other Natural Hazards, California, United States Of America, 20 May 2013, pp.1-12
- LX. **Analytical and Experimental Research on Low Cycle Fatigue Performance of Integral Bridge Steel H-Piles under Seismic Displacement Reversals**  
Dicleli M., Karalar M.  
Seventh National Seismic Conference on Bridges and Highways - Bridge Resilience for Earthquakes and Other Natural Hazards, California, United States Of America, 20 May 2013, pp.1-10
- LXI. **Alleviating the Seismic Vulnerabilities of Bridges Based on Conventional Response Modification Techniques**  
Dicleli M.  
Proceedings of the First International Conference on Performance-Based and Life-Cycle Structural Engineering, Honggang, China, 05 December 2012, pp.1-10
- LXII. **Seismic Performance of Bridges Isolated with LRB under Simulated Near-Fault Motions When Lead Core Heating is of Concern**  
Dicleli M., Özdemir G.  
10th International Congress on Advances in Civil Engineering , Ankara, Turkey, 17 October 2012, pp.1-10
- LXIII. **Seismic Performance of Integral Bridges as a Function of Foundation Soil Stiffness**  
Dicleli M., Erhan S.  
15th World Conference on Earthquake Engineering, Lisbon, Portugal, 24 September 2012, pp.1-10
- LXIV. **Simulation of the Inelastic Behavior of Steel Braces Under Seismic Load Reversals**  
Dicleli M., Çalık E. E.  
15th World Conference on Earthquake Engineering, Lisbon, Portugal, 24 September 2012, pp.1-10
- LXV. **Analytical and Experimental Investigations of a New Hysteretic Damper**  
Dicleli M., Salem Milani A.  
15th World Conference on Earthquake Engineering, Lisbon, Portugal, 24 September 2012, pp.1-10

- LXVI. **Comparative Seismic Performance Evaluation of Integral and Conventional Bridges**  
Dicleli M., Erhan S.  
15th World Conference on Earthquake Engineering, Lisbon, Portugal, 24 September 2012, pp.1-10
- LXVII. **Seismic Retrofitting of Reinforced Concrete Buildings using Eccentric Link-Bracing System**  
Dicleli M., Durucan C.  
15th World Conference on Earthquake Engineering, Lisbon, Portugal, 24 September 2012, pp.1-15
- LXVIII. **Comparison of seismic performance of integral and Conventional bridges**  
Dicleli M., Erhan S.  
The International Bridge Conference, Pennsylvania, United States Of America, 10 June 2012, pp.1-8
- LXIX. **Effect of seismically induced loads on low cycle fatigue in steel H piles of integral bridges**  
Dicleli M., Erhan S.  
1st Turkish Earthquake Engineering and Seismology Conference, Ankara, Turkey, 11 October 2011, pp.1-10
- LXX. **The Base Isolation of the Sakarya – II Viaduct In Turkey**  
Dicleli M., Özkaya C., Marioni A., Gerçek M.  
7th World Congress on Joints, Bearings, and Seismic Systems for Concrete Structures, Nevada, United States Of America, 02 October 2011, pp.1-10
- LXXI. **Seismic Design of Sakarya–2 Viyaduct using Seismic Isolation Technology**  
Dicleli M., Marioni A., Özkaya C., Gerçek M., Esat Y., Çam S.  
2nd Bridges and Viaducts Symposium, Eskişehir, Turkey, 28 September 2011, pp.1-10
- LXXII. **Multi-directional hysteretic damper with geometrically hardening post-elastic stiffness for seismic protection of bridges**  
Dicleli M., Salem Milani A.  
ASEM'11PLUS, The 2011 World Congress on Advances in Structural Engineering and Mechanics, Seoul, South Korea, 18 September 2011, pp.1-15
- LXXIII. **Low Cycle Fatigue Performance of Integral Bridge H-Piles Under Seismic Displacement Reversals**  
Dicleli M., Salem Milani A.  
The 2011 World Congress on Advances in Structural Engineering and Mechanics, Seoul, South Korea, 18 September 2011, pp.1-15
- LXXIV. **Assessment of displacement coefficient method of FEMA for ductile and non-ductile retrofitted buildings**  
Dicleli M., Durucan C.  
The 2011 World Congress on Advances in Structural Engineering and Mechanics, Seoul, South Korea, 18 September 2011, pp.1-16
- LXXV. **Low Cycle Fatigue Performance of Integral Bridge H-Piles Under Seismic Displacement Reversals**  
Dicleli M.  
The 2011 World Congress on Advances in Structural Engineering and Mechanics, Seoul, South Korea, 18 September 2011, pp.1-7
- LXXVI. **Selection of Seismic Isolation Properties for Bridges in Near Fault Regions**  
Dicleli M., Karalar M.  
9th International Congress on Advances in Civil Engineering, Trabzon, Turkey, 27 September 2010, pp.1-8
- LXXVII. **Effect of Number of Girders on Live Load Distribution Factors for Integral Abutment Bridge Substructures**  
Dicleli M., Yalçın Ö. F.  
9th International Congress on Advances in Civil Engineering, Trabzon, Turkey, 27 September 2010, pp.1-10
- LXXVIII. **Effect of Modeling Simplifications on Nonlinear Seismic Analysis of Integral Bridges Including Dynamic Soil-Structure Interaction**  
Dicleli M., Erhan S.  
IABSE2010, 34th International Symposium on Bridge and Structural Engineering, Venice, Italy, 22 September 2010, pp.1-6
- LXXIX. **Performance Based Seismic Retrofitting of Reinforced Concrete Buildings Using Steel Braces and a Link**

Dicleli M., Durucan C.

IABSE2010, 34th International Symposium on Bridge and Structural Engineering, Venice, Italy, 22 September 2010, pp.1-10

- LXXX. **Seismic Performance Evaluation of Integral Bridges as a Function of Structural and Geotechnical Parameters**  
Dicleli M., Erhan S.  
14th European Conference on Earthquake Engineering, Ohrid, Macedonia, 30 August 2010, pp.1-10
- LXXXI. **Effect of Dynamic Soil-Structure Interaction Modeling Assumptions on Seismic Analysis of Integral Bridges**  
Dicleli M., Erhan S.  
14th European Conference on Earthquake Engineering, Ohrid, Macedonia, 30 August 2010, pp.1-10
- LXXXII. **Low Cycle Fatigue Effects in Integral Bridge Piles Under Seismic Load**  
Dicleli M., Erhan S.  
14th European Conference on Earthquake Engineering, Ohrid, Macedonia, 30 August 2010, pp.1-7
- LXXXIII. **Multi-Directional Hysteretic Damper with Adaptive Yield Stiffness for Bridges**  
Dicleli M., Salem Milani A.  
The 5th Civil Engineering Conference in the Asian Region and Australasian Structural Engineering Conference 2010, Sydney, Australia, 08 August 2010, pp.1-15
- LXXXIV. **Effect of Seismically Induced Cyclic Displacements on Low Cycle Fatigue Performance of Integral Bridge Piles**  
Dicleli M., Erhan S.  
The 5th Civil Engineering Conference in the Asian Region and Australasian Structural Engineering Conference 2010, Sydney, Australia, 08 August 2010, pp.1-6
- LXXXV. **Energy Dissipating Brace-Shear-Link System for Seismic Retrofitting of Reinforced Concrete Buildings**  
Dicleli M., Durucan C.  
The 5th Civil Engineering Conference in the Asian Region and Australasian Structural Engineering Conference 2010, Sydney, Australia, 08 August 2010, pp.1-19
- LXXXVI. **Effect of Nonlinear Soil-Structure Interaction Modeling Simplifications on Seismic Analysis Results of Highway Bridges**  
Dicleli M., Erhan S.  
The 5th Civil Engineering Conference in the Asian Region and Australasian Structural Engineering Conference 2010, Sydney, Australia, 08 August 2010, pp.1-6
- LXXXVII. **Optimum Selection of Isolator Properties for Effective Mitigation of Seismic Risk For Bridges**  
Dicleli M., Karalar M.  
9th US National and 10th Canadian Earthquake Engineering Conference: Reaching Beyond Borders, Ontario, Canada, 25 July 2010, pp.1-10
- LXXXVIII. **Improved Effective Damping Equation for Equivalent Linear Analysis of Seismic-Isolated Bridges**  
Dicleli M., Karalar M.  
9th US National and 10th Canadian Earthquake Engineering Conference: Reaching Beyond Borders, Ontario, Canada, 25 July 2010, pp.1-19
- LXXXIX. **Live load distribution in integral bridge girders**  
Erhan S., Dicleli M.  
5th International Conference on Bridge Maintenance, Safety and Management (IABMAS), Pennsylvania, United States Of America, 11 - 15 July 2010, pp.3175-3182
- XC. **Distribution of live load effects in integral bridge abutments and piles**  
Dicleli M., Erhan S.  
5th International Conference on Bridge Maintenance, Safety and Management (IABMAS), Pennsylvania, United States Of America, 11 - 15 July 2010, pp.3149-3156
- XCI. **Multi directional hysteretic damper with adaptive post-elastic stiffness for seismic protection of bridges in near fault zones**



DİCLELİ M., Milani A. S.

5th International Conference on Bridge Maintenance, Safety and Management (IABMAS), Pennsylvania, United States Of America, 11 - 15 July 2010, pp.3141-3148

- XCII. **Effect of soil bridge interaction on the distribution of live load effects among integral bridge components**  
Erhan S., DİCLELİ M.  
5th International Conference on Bridge Maintenance, Safety and Management (IABMAS), Pennsylvania, United States Of America, 11 - 15 July 2010, pp.3169-3174
- XCIII. **Development of a new cycle counting method for cyclic thermal strains in integral bridge piles**  
Karalar M., DİCLELİ M.  
5th International Conference on Bridge Maintenance, Safety and Management (IABMAS), Pennsylvania, United States Of America, 11 - 15 July 2010, pp.3302-3307
- XCIV. **Estimation of optimum isolator parameters for effective mitigation of seismic risk for bridges**  
Karalar M., DİCLELİ M.  
5th International Conference on Bridge Maintenance, Safety and Management (IABMAS), Pennsylvania, United States Of America, 11 - 15 July 2010, pp.3295-3301
- XCv. **Effect of Integral Bridge Modeling Assumptions on the Distribution of AASHTO Live Load among Bridge Components**  
Dicleli M., Erhan S.  
Proceedings of the Fifth International Conference on Bridge Maintenance, Safety and Management, IABMAS'10, Pennsylvania, United States Of America, 11 July 2010, pp.1-10
- XCvI. **Hybrid Seismic Isolation Design of Sakarya-II Viaduct in the Proximity of the North Anatolian Fault**  
Özkaya C., Çelebi N., Tulumtas F., Dicleli M.  
Proceedings of the Fifth International Conference on Bridge Maintenance, Safety and Management, IABMAS'10, Pennsylvania, United States Of America, 11 July 2010, pp.1-6
- XCvII. **Effect of modelling simplifications on nonlinear seismic analysis of integral bridges including dynamic soil-structure interaction**  
Dicleli M., Erhan S.  
34th International Symposium on Bridge and Structural Engineering: Large Structures and Infrastructures for Environmentally Constrained and Urbanised Areas, Venice, Italy, 22 - 24 September 2010, pp.590-591
- XCvIII. **Effect of Soil-Structure Interaction on the Seismic Response of Bridges with Isolation Bearings**  
Dicleli M., Karalar M.  
TC4 Satellite Conference of Earthquake Geotechnical Engineering (TC4-SCEGE), Al-Iskandariyah, Egypt, 02 October 2009, pp.1-12
- XCIX. **Effect of Near-Field Ground Motion and Isolator Properties on the Performance of Seismic-Isolated Bridges**  
Dicleli M., Karalar M.  
TC4 Satellite Conference of Earthquake Geotechnical Engineering (TC4-SCEGE), Al-Iskandariyah, Egypt, 02 October 2009, pp.1-10
- C. **Physical Theory Model to Simulate Cyclic Behavior of Braces**  
Dicleli M., Çalık E. E.  
ICOSSAR 2009 - 10th International Conference on Structural Safety and Reliability, Osaka, Japan, 13 September 2009, pp.1-8
- CI. **Seismic Performance of Eccentrically Braced Frame with Vertical Link**  
Dicleli M., Mehta A.  
ICOSSAR 2009 - 10th International Conference on Structural Safety and Reliability, Osaka, Japan, 13 September 2009, pp.1-8
- CII. **Performance Based Design of Seismic Isolated Bridges in Near-Fault Zones Using Elastic-Gap Devices**  
Dicleli M., Karalar M.  
Proceedings of the Seventh US Conference and Workshop on Lifeline Earthquake Engineering, ASCE Technical Council on Life Line Earthquake Engineering Monograph, California, United States Of America, 28 June 2009, pp.1-

- CIII. **Optimal Isolator Parameters for Economical Mitigation of Seismic Risk for Highway Bridges**  
Dicleli M., Karalar M.  
Proceedings of the Seventh US Conference and Workshop on Lifeline Earthquake Engineering, ASCE Technical Council on Life Line Earthquake Engineering Monograph, California, United States Of America, 28 June 2009, pp.1-12
- CIV. **Analytical Simulation of Cyclic Behavior of Steel Braces under Seismic Loads**  
Dicleli M., Karalar M., Çalık E. E.  
WCCE-ECCE-TCCE Joint Conference on Earthquake & Tsunami, İstanbul, Turkey, 22 June 2009, pp.1-10
- CV. **Optimization of Isolation Bearing Parameters for Effective Mitigation of Seismic Risk for Bridges**  
Dicleli M., Karalar M.  
26th Annual International Bridge Conference, Pennsylvania, United States Of America, 14 June 2009, pp.1-8
- CVI. **Effect of Soil-Bridge Interaction and Continuity on Live Load Distribution in Integral Bridges**  
Dicleli M., Erhan S.  
Proceedings of the Fourth International Conference on Bridge Maintenance, Safety and Management, IABMAS'08, Seoul, South Korea, 13 July 2008, pp.1-8
- CVII. **Supplemental Device to Improve the Performance of Seismic-Isolated Bridges in Near-Fault Zones**  
Dicleli M.  
Proceedings of the Fourth International Conference on Bridge Maintenance, Safety and Management, IABMAS'08, Seoul, South Korea, 13 July 2008, pp.1-8
- CVIII. **Seismic Retrofitting of Highway Bridges Based on Response Modification Using Conventional Techniques**  
Dicleli M., Hindi R.  
Proceedings of the 10th International Conference on Application of Advanced Technologies in Transportation, Athens, Greece, 27 May 2008, pp.1-15
- CIX. **Comparison of Live Load Distribution in Girders of Integral and Conventional Bridges**  
Dicleli M., Erhan S.  
Proceedings of the 10th International Conference on Application of Advanced Technologies in Transportation, Athens, Greece, 27 May 2008, pp.1-13
- CX. **Effect of soil bridge interaction and abutment deck continuity on the live load distribution factors in integral bridge components**  
Dicleli M., Erhan S.  
1st Symposium on Bridges and Viaducts, Proceedings of the Association of Turkish Chambers of Engineers and Architects, Chamber of Civil Engineers, Antalya Branch, Antalya, Turkey, 29 November 2007, pp.1-12
- CXI. **Effect of soil bridge interaction on the internal forces of integral bridge components due to live load effects**  
Dicleli M., Erhan S.  
1st Symposium on Bridges and Viaducts, Proceedings of the Association of Turkish Chambers of Engineers and Architects, Chamber of Civil Engineers, Antalya Branch, Antalya, Turkey, 29 November 2007, pp.1-6
- CXII. **Optimization of the seismic isolation parameters for bridges**  
Dicleli M., Erhan S., Amiri S. N.  
1st Symposium on Bridges and Viaducts, Proceedings of the Association of Turkish Chambers of Engineers and Architects, Chamber of Civil Engineers, Antalya, Turkey, 29 - 30 November 2007, pp.1-8
- CXIII. **Effect of soil-bridge interaction on the distribution of live load effects among integral bridge components**  
Dicleli M., Erhan S.  
Proceedings of the 3rd International Conference on Structural Engineering, Mechanics and Computation, Cape-Town, South Africa, 10 September 2007, pp.1-10
- CXIV. **Effective conventional method for seismic retrofitting of chevron-braced steel frames based on response modification**  
Dicleli M., Mehta A.

Proceedings of the 3rd International Conference on Structural Engineering, Mechanics and Computation, Cape-Town, South Africa, 10 July 2007, pp.1-6

- CXV. **Performance of Seismic-Isolated Bridges in Near-Fault Zones**  
Dicleli M.  
Proceedings of the 9th Canadian Conference on Earthquake Engineering, Ottawa, Canada, 26 June 2007, pp.1-12
- CXVI. **Special Eccentrically Braced Steel Frame to Effectively Resist Seismic Loads**  
Dicleli M., Mehta A.  
Proceedings of the 9th Canadian Conference on Earthquake Engineering, Ottawa, Canada, 26 June 2007, pp.1-10
- CXVII. **Performance of Seismic-Isolated Bridges as a Function of Isolator and Ground Motion Properties in Near-Fault Zones**  
Dicleli M.  
Proceedings of the 10th World Conference on Seismic Isolation, Energy Dissipation and Vibration Control of Structures, İstanbul, Turkey, 27 May 2007, pp.1-12
- CXVIII. **Performance of Seismic-Isolated Bridges with Elastic-Gap Devices in Near-Fault Zones**  
Dicleli M.  
Proceedings of the 10th World Conference on Seismic Isolation, Energy Dissipation and Vibration Control of Structures, İstanbul, Turkey, 27 May 2007, pp.1-12
- CXIX. **Seismic Retrofitting of Seismically Isolated Bridges in Near-fault Zones via Supplemental Elastic Devices**  
Dicleli M.  
Proc. 86th Annual Meeting (on CD- ROM), Washington, D. C., USA, Transportation Research Board, Federal Highway Administration, Washington, United States Of America, 01 January 2007, pp.1-17
- CXX. **Proposed improvements to AASHTO effective damping equation for seismic-isolated bridges**  
Dicleli M., Buddaram S.  
3rd International Conference on Bridge Maintenance, Safety and Management - Bridge Maintenance, Safety, Management, Life-Cycle Performance and Cost, Porto, Portugal, 16 - 19 July 2006, pp.291-292
- CXXI. **Analytical prediction of displacement capacity and length limits of integral bridges**  
Dicleli M.  
3rd International Conference on Bridge Maintenance, Safety and Management - Bridge Maintenance, Safety, Management, Life-Cycle Performance and Cost, Porto, Portugal, 16 - 19 July 2006, pp.765-766
- CXXII. **A Comprehensive Parametric Study on the Performance of Seismic-Isolated Bridges**  
Dicleli M., Buddaram S.  
Third International Conference on Bridge Maintenance, Safety and Management, IABMAS'06, Porto, Portugal, 16 July 2006, pp.1-8
- CXXIII. **Effect of Thermal-Induced Displacements on the Performance of Integral Bridge Abutment-Backfill System**  
Dicleli M.  
Third International Conference on Bridge Maintenance, Safety and Management, IABMAS'06, Porto, Portugal, 16 July 2006, pp.1-8
- CXXIV. **Innovative Seismic Design of Bridge Bents Based on Rocking**  
Hindi R., Dicleli M.  
Fifth International Conference on Earthquake Resistant Engineering Structures, Athens, Greece, 01 May 2005, pp.1-10
- CXXV. **Seismic Response of a Single Storey Innovative Steel Frame System**  
Dicleli M., Mehta A.  
Fifth International Conference on Earthquake Resistant Engineering Structures, Athens, Greece, 01 May 2005, pp.1-9
- CXXVI. **Seismic response of a single story innovative steel frame system**  
Dicleli M., Mehta A.  
5th International Conference on Earthquake Resistant Engineering Structures, Skiathos, Greece, 30 May - 01 June 2005, vol.81, pp.259-267

- CXXVII. **Innovative Seismic Retrofitting Method for Bridges with Wall Type Piers in Illinois**  
Dicleli M., Hindi R.  
Second International Conference on Bridge Safety and Management, IABMAS'04, Kyoto, Japan, 01 October 2004, pp.1-8
- CXXVIII. **Importance of Soil-Bridge Interaction Modelling in Seismic Analysis of Seismic Isolated Bridges**  
Dicleli M., Lee J. Y. , Mansour M.  
13th World Conference on Earthquake Engineering, Vancouver, Canada, 01 August 2004, pp.1-15
- CXXIX. **Proposed Seismic Retrofitting Method for Bridges with Multiple-Column Bents**  
Dicleli M.  
National Concrete Bridge Council, North-Carolina, United States Of America, 01 May 2004, pp.1-15
- CXXX. **Maximum Length of Integral Bridges Based on the Performance of Steel H-Piles at the Abutments**  
Dicleli M., Albhaisi S.  
ASCE Structures Congress 2004, Tennessee, United States Of America, 01 January 2004, pp.1-8
- CXXXI. **Seismic Retrofitting of Typical Illinois Bridges by Response Modification**  
Dicleli M., Mansour M. Y.  
ASCE Structures Congress 2004, Tennessee, United States Of America, 01 January 2004, pp.243-250
- CXXXII. **Impact of Friction Pendulum Bearings on the Seismic Retrofitting Cost of Typical Bridges with Wall Type Piers in the State of Illinois**  
Dicleli M., Mansour M. Y. , Mokha A., Zayas V., Constantinou M. C.  
Proceedings of the Sixth US Conference and Workshop on Lifeline Earthquake Engineering, ASCE Technical Council on Life Line Earthquake Engineering Monograph, California, United States Of America, 10 August 2003, pp.1040-1049
- CXXXIII. **Practical approach to optimum design of steel tubular slip-joint power transmission poles**  
Dicleli M., Nassar W.  
8th International Conference on Computer Aided Optimum Design of Structures, Michigan, United States Of America, 19 - 21 May 2003, vol.13, pp.251-260
- CXXXIV. **Economical seismic retrofitting of bridges in regions of low to moderate risk of seismic activity**  
Dicleli M., Mansour M., Mokha A., Zayas V.  
2nd International Conference on Structural and Construction Engineering, Rome, Italy, 23 - 26 September 2003, pp.2079-2084
- CXXXV. **Seismic Design of Highway Bridges Using Multiple Types of Isolation Bearings**  
Dicleli M.  
Proc. 3rd World Conference on Structural Control, Milan, Italy, 01 January 2002, pp.1-9
- CXXXVI. **Performance of the Seismically Isolated Bolu Viaduct in the 1999 Duzce Earthquake in Turkey**  
Dicleli M., Constantinou M. C. , Roussis P., Erdik M., Durukal E.  
Proc. 81st Annual Meeting (on CD- ROM), Washington, D. C., USA, Transportation Research Board, Federal Highway Administration, Washington, United States Of America, 01 January 2002, pp.1-24
- CXXXVII. **Hybrid Seismic Base Isolation Design for Mississippi River Bridge**  
Dicleli M.  
ASCE Structures Congress 2001, Washington, United States Of America, 01 January 2001, pp.1-12
- CXXXVIII. **A Quantitative Approach for Rapid Seismic Vulnerability Assessment of Steel Highway Bridges**  
Dicleli M., Bruneau M.  
National Seismic Conference on Bridges and Highways, California, United States Of America, 01 January 1997, pp.1-10
- CXXXIX. **Seismic Resistance of A Class of Slab-On-Girder Steel Highway Bridges**  
Dicleli M., Bruneau M.  
Eleventh World Conference on Earthquake Engineering, Acapulco, Mexico, 01 January 1996, pp.1-8
- CXL. **Seismic Response of Multi-Span Simply Supported Bridges Having Steel Columns**  
Dicleli M.  
Eleventh World Conference on Earthquake Engineering, Acapulco, Mexico, 01 January 1996, pp.1-10
- CXLI. **Non-Linear Seismic Response of Single Span Simply Supported Slab-On-Girder Steel Highway Bridges**

### **With Damaged Bearings**

Dicleli M., Bruneau M.

Seventh Canadian Conference On Earthquake Engineering, Montreal, Canada, 01 January 1995, pp.1-10

### **CXLII. Cumulative Impact of Heavy Permit Trucks on Steel Bridges**

Dicleli M., Bruneau M.

ASCE Structures Congress on Bridge Structures, Georgia, United States Of America, 01 January 1994, pp.1-10

## **Patent**

Dicleli M., Torsion Hysteretic Damper, Patent, CHAPTER E Constructed Constructions (Construction), The Invention Registration Number: TTO-70 , Standard Registration, 2021

Dicleli M., Burulmalı Damper, Patent, CHAPTER E Constructed Constructions (Construction), The Invention Registration Number: TR 2020 17925 T4 , Standard Registration, 2020

Dicleli M., TORSIONAL HYSTERETIC DAMPER, Patent, CHAPTER E Constructed Constructions (Construction), The Invention Registration Number: US 10,563,417 B2 , Standard Registration, 2020

Dicleli M., Çok Yönlü Uyarlanabilir Yeniden Merkezleyici Burulmalı İzolatör, Patent, CHAPTER E Constructed Constructions (Construction), The Invention Registration Number: TR 2018 01822B , Registration in Multiple Countries, 2020

Dicleli M., Amortisseur a Torsion, Patent, CHAPTER E Constructed Constructions (Construction), The Invention Registration Number: EP3445928 , Registration in Multiple Countries, 2020

Dicleli M., Torsional Damper, Patent, CHAPTER E Constructed Constructions (Construction), The Invention Registration Number: 17 85 3559.7 , Standard Registration, 2020

DİCLELİ M., Multi-Directional Torsional Hysteretic Damper, Patent, CHAPTER F Mechanical engineering; Lighting; Heating; Weaponry; Destroyed Materials, Standard Registration, 2016

DİCLELİ M., Multi-Directional Torsional Hysteretic Damper, Patent, CHAPTER F Mechanical engineering; Lighting; Heating; Weaponry; Destroyed Materials, Standard Registration, 2015

DİCLELİ M., Multi-Directional Torsional Hysteretic Damper, Patent, CHAPTER F Mechanical engineering; Lighting; Heating; Weaponry; Destroyed Materials, Standard Registration, 2015

## **Activities in Scientific Journals**

Multi-scale and Multiphysics Mechanics, Techno Press, Committee Member, 2017 - Continues

Coupled Systems Mechanics, Techno-Press, Committee Member, 2017 - Continues

The Open Construction & Building Technology Journal, Bentham Science , Committee Member, 2016 - Continues

American Journal of Civil Engineering, Committee Member, 2016 - Continues

Journal of Civil Engineering and Architecture, David Publishing Company, Committee Member, 2015 - Continues

ISRN Civil Engineering, Hindawi Publishing, Committee Member, 2015 - Continues

## **Memberships / Tasks in Scientific Organizations**

IABMAS (International Association for Bridge Maintenance and Safety), Member, 2002 - Continues

PCI - Prestressed Concrete Institute, Member, 2001 - Continues

NEES (Network for Earthquake Engineering Simulation) Consortium, Member, 2001 - Continues

ASCE - American Society of Civil Engineering, Member, 2000 - Continues

PEO (Professional Engineers Association, Ontario), Member, 1996 - Continues

TMMOB İnşaat Mühendisleri Odası, Member, 1987 - Continues

## Scientific Refereeing

EARTHQUAKE ENGINEERING & STRUCTURAL DYNAMICS, SCI Journal, October 2020  
BULLETIN OF EARTHQUAKE ENGINEERING, SCI Journal, October 2020  
JOURNAL OF BRIDGE ENGINEERING, SCI Journal, September 2020  
ENGINEERING STRUCTURES, SCI Journal, May 2020  
STRUCTURE AND INFRASTRUCTURE ENGINEERING, SCI Journal, March 2020  
BULLETIN OF EARTHQUAKE ENGINEERING, SCI Journal, December 2018  
JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH, SCI Journal, December 2018  
EARTHQUAKES AND STRUCTURES, SCI Journal, October 2018  
ENGINEERING STRUCTURES, SCI Journal, October 2018  
JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH, SCI Journal, September 2018  
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, SCI Journal, September 2018  
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, SCI Journal, July 2018  
JOURNAL OF BRIDGE ENGINEERING, SCI Journal, June 2018  
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, SCI Journal, June 2018  
FATIGUE & FRACTURE OF ENGINEERING MATERIALS & STRUCTURES, Journal Indexed in SCI-E, June 2018  
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, SCI Journal, May 2018  
ENGINEERING STRUCTURES, SCI Journal, May 2018  
JOURNAL OF EARTHQUAKE ENGINEERING, SCI Journal, April 2018  
EARTHQUAKE ENGINEERING AND ENGINEERING VIBRATION, SCI Journal, April 2018  
ENGINEERING STRUCTURES, SCI Journal, April 2018  
ENGINEERING STRUCTURES, SCI Journal, March 2018  
JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH, SCI Journal, March 2018  
JOURNAL OF BRIDGE ENGINEERING, SCI Journal, February 2018  
SHOCK AND VIBRATION, SCI Journal, February 2018  
ADVANCES IN STRUCTURAL ENGINEERING, SCI Journal, January 2018  
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, SCI Journal, January 2018  
ENGINEERING STRUCTURES, SCI Journal, January 2018

## Metrics

Publication: 231  
Citation (WoS): 1239  
Citation (Scopus): 1654  
H-Index (WoS): 21  
H-Index (Scopus): 25

## Congress and Symposium Activities

10th International Conference on Short and Medium Span Bridges, Moderator, Quebec, Canada, 2018  
13th International Conference on Steel, Space and Composite Structures, Working Group, Perth, Australia, 2018

## Invited Talks

International Conference on Engineering Innovation and Seismic Mitigation of Bridges (ICESMB 2020), Conference, Orta Doğu Teknik Üniversitesi, China, November 2020  
Seismic Isolation of Buildings: Concept, Implications and Necessity for Hospitals and Turkish Ministry of Health

Guidelines, Seminar, Bakü Devlet Üniversitesi, Azerbaijan, November 2018

## **Awards**

Dicleli M., Yayın Teşvik Ödülü, Odtü, November 2018

Dicleli M., Yayın Teşvik Ödülü, Odtü, July 2018

Dicleli M., Performns Ödülü (İlk %5), Odtü, July 2018