



Baki Ozturk

**Founding Head of the
at Hacettepe University**

– Department of Civil
Engineering
Turkey

Researcher ID

J-6085-2018

ORCID

0000-0002-2319-0447

CITATIONS



Independent	335
Total	392

CONTACT INFO



✉ bakiozturk1@gmail.com

RESEARCH EXPERIENCE



2019/02 present	Deputy Editor	
	International Journal of Earthquake and Impact Engineering	
2013/09 present	Associate Professor	
	Hacettepe University	
2017/01 2019/02	Editor In Chief	
	International Journal of Earthquake and Impact Engineering	
2013/01 2016/10	Founding Head of the Department of Civil Engineering	
	Hacettepe University	
2011/10 2013/09	Associate Professor of Civil Engineering	
	Ömer Halisdemir University	
2002/03 2003/01	Founding President of EERI/PU Student Chapter	
	Purdue University	
2000/08 2003/01	Instructor	
	Purdue University	

PRIZES OR AWARDS



Award

• Jul 2018

Takuji Kobori Prize (for 2015) by the International Association of Structural Control and Monitoring (IASCM)

Award

• Nov 2002

Excellence in Teaching Award, Purdue University, Dept.of Mathematics

PUBLICATION ANALYTICS



Total Number of Publications

Publications

95

Amount of Publications in Top 5 Active Field

Mathematics	11
Mathematical Optimization Engineering	9
Mathematical Analysis	8
Geotechnical Engineering	6

Amount of Publications by Category

Journal	Book
30	0
Conference	Others
58	7

ALL PUBLICATIONS



Journal

1. A European Association for the Control of Structures joint perspective. Recent studies in civil structural control across Europe

Biswajit Basu, Oreste S Bursi, Fabio Casciati, 2014
 Journal | Structural Control and Health Monitoring
 Control Engineering; Engineering; Control Theory

Citation
62/67
Ind. total

2. Transverse vibration analysis of Euler-Bernoulli beams using analytical approximate techniques

Safa Bozkurt Coskun, Mehmet Tarik Atay, Baki Ozturk, 2011
 Journal | Advances in Vibration Analysis Research
 Mathematics; Mathematical Analysis

Citation
37/40
Ind. total

3. The Homotopy Perturbation Method for free vibration analysis of beam on elastic foundation

Baki Ozturk, Safa Bozkurt Coskun, 2011
 Journal | Structural Engineering and Mechanics
 Mathematics; Mathematical Optimization; Classical Mechanics

Citation
28/32
Ind. total

4. Homotopy perturbation method for free vibration analysis of beams on elastic foundation

Baki Ozturk, Safa Bozkurt Coskun, Mehmet Zahid Koc, Mehmet Tarik Atay, 2010
 Journal | Iop Conference Series: Materials Science and Engineering
 Mathematics; Mathematical Optimization; Mathematical Analysis




Citation
26/31
Ind. total

5. Analytical solution for free vibration analysis of beam on elastic foundation with different support conditions

Baki Ozturk, Safa Bozkurt Coskun, 2013
 Journal | Mathematical Problems in Engineering
 Mathematics; Mathematical Optimization




Citation
19/19
Ind. total

6. Free vibration analysis of tapered beam-column with pinned ends embedded in Winkler-Pasternak elastic foundation

 Omer Civalek, Baki Ozturk, 2010
 Journal | Geomechanics and Engineering
 Structural Engineering; Mathematics; Classical Mechanics




Citation
16/19
 Ind. total

7. Free vibration analysis of beam on elastic foundation by the variational iteration method

 B Ozturk, 2009
 Journal | International Journal of Nonlinear Sciences and Numerical Simulation
 Mathematics; Mathematical Optimization




Citation
15/18
 Ind. total

8. Vibration analysis of plates with curvilinear quadrilateral domains by discrete singular convolution method

 Omer Civalek, Baki Ozturk, 2010
 Journal | Structural Engineering and Mechanics
 Mathematics; Mathematical Optimization; Mathematical Analysis




Citation
13/15
 Ind. total

9. A numerical approach to determine viscosity-dependent segregation in fresh concrete

 Ahmet Bilgil, Baki Ozturk, 2005
 Journal | Applied Mathematics and Computation
 Composite Material; Mathematics; Mathematical Optimization




Citation
10/13
 Ind. total

10. Nonlinear Transient Dynamic Response of Clamped Rectangular Plates on Two-Parameter Foundations by the Algorithm of the Singular Convolution

 Ö Civalek, Baki Ozturk, a Yavaş, 2007
 Journal | International Journal of Science & Technology
 Mathematics; Mathematical Optimization; Mathematical Analysis



Citation
9/10
 Ind. total

11. Exploring the effects of tuned mass dampers on the seismic performance of structures with nonlinear base isolation systems

 Reza Mirza Hessabi, Oya Mercan, B Ozturk, 2017
 Journal | Earthquakes and Structures
 Geotechnical Engineering; Structural Engineering; Engineering



Citation
9/9
 Ind. total

12. Optimal Design and Distribution of Viscous Dampers for Shear Building Structures under Seismic Excitations

 H Cetin, E Aydin, B Ozturk, 2019
 Journal | Frontiers in Built Environment




Citation
5/6
 Ind. total

13. Analysis of efficiency of passive dampers in multistorey buildings

 E Aydin, B Ozturk, M Dutkiewicz, 2018
 Journal | Journal of Sound and Vibration




Citation
5/6
 Ind. total

14. discrete singular convolution algorithm for non linear transient response of circular plates resting on winkler pasternak elastic foundations with different types of dynamic loading

 Omer Civalek, Baki Ozturk, 2009
 Journal | Indian Journal of Engineering & Materials Sciences
 Composite Material; Mathematical Analysis; Materials Science



Citation
5/5
 Ind. total

15. Optimal Damper Allocation in Shear Buildings with Tuned Mass Dampers and Viscous Dampers

 H Cetin, Ersin Aydin, B Ozturk, 2017
 Journal | International Journal of Earthquake and Impact Engineering
 Mathematics; Control Theory




Citation
2/4
 Ind. total

16. A simple procedure for the assessment of seismic drift response of building structures located in seismically active and near-fault regions

 B Ozturk, 2006
 Journal | First European Conference on Earthquake Engineering and Seismology,

Citation
4/4
 Ind. total

17. Seismic behavior of two monumental buildings in historical Cappadocia region of Turkey

 B Ozturk, 2017
 Journal | Bulletin of Earthquake Engineering
 Seismology; Geotechnical Engineering; Structural Engineering; Engineering




Citation
3/3
 Ind. total

18. Using of Fuzzy Logic Based Expert Systems for Fast Damage Determination of Structures After Earthquake

 Ak Baltacıoğlu, a Yavaş, Ö Civalek, B ÖZtürk, B Akgöz, 2010
 Journal | Balıkesir Üniversitesi Fen Bilimler Enstitüsü Dergisi




Citation
3/3
 Ind. total

19. Application of numerical analysis for investigating the relationship between slump values and other rheological properties of fresh concrete

 Ahmet Bilgil, a Şamandar, Ztuuml, Rk, Ayhan şAm, 2010
 Journal | Scientific Research and Essays
 Biology; Composite Material; Agronomy



Citation
2/2
 Ind. total

20. Differential quadrature method for frequency analysis of membranes having irregular domains using an eight-node curvilinear element

 Hakan Ersoy, Lutfiye Ozpolat, Omer Civalek, B ÖZtürk, 2009
 Journal | Smart Structures and Systems
 Engineering; Mathematical Optimization; Mathematical Analysis

Citation
1/2
 Ind. total

21. Discrete singular convolution method for free vibration analysis of tapered rectangular plates

 Ö Civalek, B ÖZtürk, 2008
 Journal | Advances in Vibration Engineering

Citation
2/2
 Ind. total

22. Optimal Damper Placement to Prevent Pounding of Adjacent Structures Considering a Target Damping Ratio and Relative Displacement

👤 E Aydın, B Öztürk, M Diğmen, 2017

📖 Journal | Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi

Citation

1/1

Ind. total

23. Deprem Sonrası Hızlı Hasar Tespitinde Bulanık Tabanlı Yapay Zeka Sistemlerinin Başarısı

👤 B Öztürk, a Yavaş, Ak Baltacıoğlu, Ö Civalek, 2010

📖 Journal | Yapı Dünyası

Citation

0/0

Ind. total

24. Deprem Hasarlarının Mevcut Çatlaklara Dayalı Olarak Tespitinde Uzman Sistemlerin Kullanımı

👤 B Öztürk, B Akgöz, Ak Baltacıoğlu, Ç Demir, Ö Civalek, 2010

📖 Journal | İMo Antalya Bülten

Citation

0/0

Ind. total

25. Betonarme Yapıların Deprem Hasarlarının Hızlı Tespitinde Yapay Zeka Sistemlerinin Kullanımı

👤 Ak Baltacıoğlu, B Öztürk, a Yavaş, a Korkmaz, Ö Civalek, B Akgöz, 2010

📖 Journal | Yapı Dünyası

Citation

0/0

Ind. total

26. Yapay zeka yöntemleri deprem hasarlarının tespitinde kullanılabilir mi?

👤 B Öztürk, a Yavaş, Ak Baltacıoğlu, Ö Civalek, 2010

📖 Journal | Dünya İnşaat Dergisi

Citation

0/0

Ind. total

27. Application of Destruction Specific Energy for Characterisation of Concrete Paving Blocks

👤 Umit Atici, a Ersoy, B Ozturk, 2009

📖 Journal | Magazine of Concrete Research

🔗 Geotechnical Engineering; Structural Engineering; Engineering

Citation

0/0

Ind. total

28. Editorial: New Trends and Developments on Structural Control & Health Monitoring

👤 E Aydın, B Ozturk, En Farsangi, a Bogdanovic, 2020

📖 Journal | Frontiers in Built Environment

Citation

0/0

Ind. total

29. Optimization of Elastic Spring Supports for Cantilever Beams

👤 E Aydın, M Dutkiewicz, B Ozturk, M Sonmez, 2020

📖 Journal | Structural and Multidisciplinary Optimization

Citation

0/0

Ind. total

30. Is Artificial Neural Network Suitable for Damage Level Determination of RC-Structures?

👤 Ali Kemal Baltacıoglu, Baki Ozturk, Omer Civalek, Bekir Akgöz, 2010

📖 Journal | International Journal of Engineering and Applied Sciences

🔗 Machine Learning; Engineering; Artificial Intelligence

Citation

0/0

Ind. total

► Conference

1. Adomian decomposition method for vibration of nonuniform Euler beams on elastic foundation

👤 Sb Coskun, B Ozturk, U Mutman, 2014

📅 Conference | 9th International Conference on Structural Dynamics, Eurodyn 2014, Porto, Portugal

Citation

7/8

Ind. total

2. Application of Viscous Dampers for Prevention of Pounding Effect in Adjacent Buildings

👤 E Aydin, B Ozturk, L Yesil, 2010

📅 Conference | 14th European Conference on Earthquake Engineering, Ohrid

Citation

4/6

Ind. total

3. Seismic Drift Response of Precast Concrete Building Structures Located in Earthquake-Prone Regions in Turkey Considering Nonlinear Analysis Procedures

👤 B Ozturk, F Demiralan, O Civalet, 2008

📅 Conference | 14th World Conference on Earthquake Engineering, Beijing

Citation

3/5

Ind. total

4. The evaluation of damage mechanism of unreinforced masonry buildings after Van(2011) and Elazig (2010) Earthquakes

👤 D Guney, Ersin Aydin, B Ozturk, 2015

📅 Conference | 11th International Conference on Damage Assessment of Structures (Damas 2015), Ghent, Belgium

🔗 Seismology; Geotechnical Engineering; Geography

Citation

3/3

Ind. total

5. Seismic Microzonation Studies and Vulnerability Assessment of Existing Buildings at Nigde, Turkey

👤 B Ozturk, 2010

📅 Conference | 14th European Conference on Earthquake Engineering, Ohrid

Citation

2/3

Ind. total

6. Application of Capacity Spectrum Method for Performance Assessment of An Industrial Building Structure Located in An Earthquake-Prone Region in Turkey

👤 B Öztürk, M Sadak, F Demiralan, 2009

📅 Conference | International Earthquake Symposium, Kocaeli

Citation

2/3

Ind. total

7. Preliminary Seismic Microzonation and Seismic Vulnerability Assessment of Existing Buildings at the City of Nigde, Turkey

👤 B Ozturk, 2008

📅 Conference | 14th World Conference on Earthquake Engineering, Beijing

Citation

2/3

Ind. total

8. Yüksek Riskli Deprem Bölgesindeki Bir Prefabrik Yapının Farklı Yer Hareketleri Etkisindeki Sismik Davranışının İncelenmesi

👤 B Öztürk, F Demiralan, 2007



📅 Conference | 6. Ulusal Deprem Konferansı, İstanbul

Citation

2/3



Ind. total

9. Application of Preliminary Microzonation and Seismic Vulnerability Assessment in a City of Medium Seismic Risk in Turkey

 B Öztürk, 2011
 Conference | 5th International Conf. on Earthquake Geotechnical Engineering, Santiago, Chile



Citation
2/2
 Ind. total

10. Seismic Performance Evaluation of Industrial Building Structures in Turkey using Capacity Spectrum Method

 B Öztürk, M Sadak, 2010
 Conference | 7th International Conference on Urban Earthquake Engineering and 5 Icee, Tokyo



Citation
0/2
 Ind. total

11. Dynamic Analysis and The Resulting Nonlinear Response of Building Structures Located in Seismically Active Regions in Turkey

 B Ozturk, 2006
 Conference | Icee 2006: 4th International Conference on Earthquake Engineering, Taipei



Citation
1/2
 Ind. total

12. Seismic Response of Low-Rise Base Isolated Structures

 E Aydın, B Ozturk, of Kilinc, 2012
 Conference | 15th World Conference on Earthquake Engineering, Lisbon, Portugal


Citation
1/1
 Ind. total

13. Seismic Performance Assessment of Industrial Structures in Turkey Using The Fragility Curves

 B Ozturk, He Sahin, C Yıldız, 2012
 Conference | 15th World Conference on Earthquake Engineering, Lisbon, Portugal

Citation
1/1
 Ind. total

14. Investigation of Seismic Behavior of Reinforced Concrete Shearwall Building Frames Subjected to Ground Motions from The 1999 Turkish Earthquakes

 B Ozturk, 2008
 Conference | 14th World Conference on Earthquake Engineering, Beijing



Citation
1/1
 Ind. total

15. Investigation of Seismic Behavior of a Monumental Building in Historical Cappadocia Region of Turkey

 B Ozturk, 2008
 Conference | 14th World Conference on Earthquake Engineering, Beijing



Citation
0/1
 Ind. total

16. Evaluation of Drift Demand on the Basis of Nonlinear Response of Building Structures Located at Seismically Active Regions

 B Öztürk, 2007
 Conference | 4th International Conference on Earthquake Geotechnical Engineering, Thessaloniki



Citation
1/1
 Ind. total

17. Experiments of Tuned Liquid Damper (TLD) on the Reduced Shear Frame Model under Harmonic Loads

 E Aydın, Öztürk, Baki, M Dutkiewicz, H Çetin, O Okay, U Ohancan, 2016
 Conference | Experimental Fluid Mechanics (Efm) 2016 Conference, Czech Republic



Citation
1/1
 Ind. total

18. Stability of Nanobeams Via Homotopy Perturbation Method

 Sb Coskun, B Ozturk, 2019
 Conference | 5th International Conference on Advances in Mechanical Engineering (Icame 2019)

Citation
0/0
 Ind. total

19. Design of Viscous Dampers Based on Minimization of First Floor Interstorey Drift

 H Cetin, E Aydın, B Ozturk, 2018
 Conference | 7th World Conference on Structural Control and Monitoring, Qingdao, China



Citation
0/0
 Ind. total

20. Optimal Passive Control of Shear Buildings

 E Aydın, B Öztürk, M Dutkiewicz, 2017
 Conference | 23rd International Conference on Engineering Mechanics 2017, May 15 - 18, 2017, Svratka, Czech Republic



Citation
0/0
 Ind. total

21. Free Vibration Analysis of Variable Stiffness Beams Using Analytical Approximate Techniques

 Sb Coskun, B Ozturk, Mt Atay, 2014
 Conference | 11th International Congress on Advances in Civil Engineering, Ace 2014, Istanbul, Turkey



Citation
0/0
 Ind. total

22. Evaluation of Time Delay Margin for Actively Controlled Linear SDOF Systems under Seismic Excitation

 B Ozturk, S Ayasun, 2010
 Conference | 14th European Conference on Earthquake Engineering, Ohrid



Citation
0/0
 Ind. total

23. A New Approach for The Development of A Nonlinear Displacement Response Spectra in Turkey

 B Ozturk, 2006
 Conference | First European Conference on Earthquake Engineering and Seismology, Geneva

Citation
0/0
 Ind. total

24. Analysis of Nanobeam Vibration Using Homotopy Perturbation Method

 Sb Coskun, B Ozturk, 2019
 Conference | 5th International Conference on Advances in Mechanical Engineering (Icame 2019)

Citation
0/0
 Ind. total

25. Strengthening Plane Frames with Steel Plates

👤 E Aydın, B Ozturk, H Cetin, M Gasir, 2018
 📅 Conference | 7th World Conference on Structural Control and Monitoring, Qingdao, China

Citation
0/0
 Ind. total

26. Application of Viscous Dampers for Prevention of Pounding in Adjacent Reinforced Concrete Buildings

👤 E Aydın, B Öztürk, H Çetin, T Simsek, 2017
 📅 Conference | 16th World Conference on Earthquake Engineering (16wcee), Santiago, Chile

Citation
0/0
 Ind. total

27. The Effects of Tuned Mass Dampers on Seismic Performance of Structures with Nonlinear Base Isolators: A Parametric Study

👤 Rm Hessabi, O Mercan, B Ozturk, 2014
 📅 Conference | 6th World Conference on Structural Control and Health Monitoring (6wcscm), Barcelona

Citation
0/0
 Ind. total

28. Current State of Art of The Role of Research Infrastructures on Performance Based Earthquake Engineering and Future Perspectives for Europe

👤 B Ozturk, 2010
 📅 Conference | International Workshop on Role of Research Infrastructures in Performance-Based Earthquake Engineering, 14th European Conference in Earthquake Engineering, Ohrid, Macedonia

Citation
0/0
 Ind. total

29. Seismic risk assessment studies of prefabricated buildings located in highly seismic regions of Turkey

👤 B Ozturk, 2009
 📅 Conference | Turkish - Japanese Earthquake Workshop

Citation
0/0
 Ind. total

30. Eğilme Rijitliği Üslü Değişen Kolonların Kritik Burkulma Yüklerinin Diferansiyel Dönüşüm Yöntemi ile Elde Edilmesi

👤 Sb Coskun, S Memis, B Ozturk, 2019
 📅 Conference | 21.ulusal Mekanik Kongresi, Niğde

Citation
0/0
 Ind. total

31. Comparison of Optimal Damper Distributions in Shear Frames in terms of Soil Conditions

👤 E Aydın, O Sivrikaya, B Ozturk, 2018
 📅 Conference | 7th World Conference on Structural Control and Monitoring, Qingdao, China

Citation
0/0
 Ind. total

32. Investigation of Behavior of Adjacent Planar Steel Frames Connected with Rigid Bars under Earthquake Effects

👤 E Aydın, B Öztürk, E Sahin, 2014

📅 Conference | 6th World Conference on Structural Control and Health Monitoring (6wcscm) , Barcelona

Citation

0/0

Ind. total

33. Eğilme Rijitliği Değişken Elastik Kolonların Kritik Burkulma Yüklerinin Varyasyonel İterasyon Metodu ile Elde Edilmesi

👤 Sb Coşkun, Mt Atay, B Öztürk, 2009

📅 Conference | Ulusal Mekanik Kongresi (Umk2009), Kayseri

Citation

0/0

Ind. total

34. Use of Prestressed Concrete Sheet Piles

👤 E Keyder, B Öztürk, 1997

📅 Conference | İMo Xiv. Teknik Kongre, İzmir

Citation

0/0

Ind. total

35. Optimum Tuned Mass Damper (TMD) Design for The Cantilever Beam Response Reduction

👤 H Cetin, E Aydın, B Öztürk, 2019

📅 Conference | 4th Polish Congress of Mechanics and 23rd International Conference on Computer Methods in Mechanics Pcm-Cmm-2019, Kraków, Poland

Citation

0/0

Ind. total

36. Experiments of Tuned Liquid Column Damper (TLCD) on the Reduced Shear Frames Under Harmonic Loads

👤 E Aydın, B Öztürk, H Cetin, M Dutkiewicz, O Okay, U Ohancan, Ye Sirin, 2018

📅 Conference | 16th European Conference on Earthquake Engineering (16ecee), Thessaloniki, Greece

Citation

0/0

Ind. total

37. Sarkaç Tipi Ayarlı Kütle Sönümleyicilerin Harmonik Etkiler Altındaki Davranışı: Deneysel Bir Çalışma

👤 E Aydın, B Öztürk, Hm Gökdemir, H Çetin, 2015

📅 Conference | 3. Türkiye Deprem Mühendisliği Ve Sismoloji Konferansı (3tdmsk) , İzmir, Turkey

Citation

0/0

Ind. total

38. Ayarlı Kütle Sönümleyicilerin Üç Katlı Yapı Modelinin Sismik ve Harmonik Davranışına Etkileri

👤 H Çetin, E Aydın, B Öztürk, 2013

📅 Conference | 2. Türkiye Deprem Mühendisliği Ve Sismoloji Konferansı, Hatay

Citation

0/0

Ind. total

39. Variations on Seismic Response Via Viscous Damper Placement In A Five-Storey Planar Building Structures

👤 E Aydın, B Öztürk, F Polat, 2009



📅 Conference | International Earthquake Symposium, Kocaeli

Citation

0/0



Ind. total

40. Investigation of Harmonic and Seismic Performance of Fifteen Story Structure Model Controlled by Tuned Mass Dampers (TMD)

 H Çetin, E Aydın, B Öztürk, 2015
 Conference | 8. Ulusal Deprem Mühendisliği Konferansı, İstanbul



Citation
0/0
 Ind. total

41. Sensitivity Analyses of Variations on Seismic Response via Viscous Damper Placement in Planar Building Structures

 E.aydin, B.ozturk, D.guney, 2013
 Conference | 10th International Conference on Urban Earthquake Engineering, Tokyo, Japan



Citation
0/0
 Ind. total

42. Effects of Tuned Liquid Column Damper Properties on The Dynamic Response of Structures

 E Aydın, B Ozturk, M Bati, Y Kavaz, B Kilic, 2019
 Conference | Asce-Emi 2019 International Conference, Lyon, France



Citation
0/0
 Ind. total

43. Determination of Optimal Elastic Springs for Cantilever Beams Supported by Elastic Foundation

 E Aydın, B Ozturk, M Dutkiewicz, 2018
 Conference | 24th International Conference on Engineering Mechanics, Svratka, Czech Republic



Citation
0/0
 Ind. total

44. Dynamic rehabilitation of mosque minarets by using a tuned mass damper (TMD)

 E Aydın, B Öztürk, H Çetin, F Tarim, 2015
 Conference | 3rd Conference on Smart Monitoring, Assessment and Rehabilitation of Structures (Smar 2015), Antalya, Turkey



Citation
0/0
 Ind. total

45. Evaluation of Time Delay Margin for Added Damping of SDOF Systems in Real-Time Dynamic Hybrid Testing (RTDHT) under Seismic Excitation

 S Ayasun, B Ozturk, 2012
 Conference | 15th World Conference on Earthquake Engineering, Lisbon, Portugal




Citation
0/0
 Ind. total

46. Analytical Investigation of Effect of Retrofit Application using FRP on Seismic Behavior of a Monumental Building at Historical Cappadocia Region of Turkey

 B Öztürk, T Şentürk, C Yılmaz, 2010
 Conference | 9th U.S. National and 10th Canadian Conference on Earthquake Engineering, Toronto



Citation
0/0
 Ind. total

47. Investigation of Effects of Ground Motions on SDOF Systems Using Records from the Recent Earthquakes in Turkey

 Baki Ozturk, 2007
 Conference | Asce Structural Conference 2007, Long Island, California
 Seismology; Geotechnical Engineering; Engineering



Citation
0/0
 Ind. total

48. Application of Viscous Fluid Dampers to Rehabilitate Structural Vibrations

 E Aydin, B Ozturk, H Cetin, M Tanrikulu, Fs Gur, 2019
 Conference | Asce-Emi 2019 International Conference, Lyon, France



Citation
0/0
 Ind. total

49. Control of vibrations of multistorey buildings with use of passive dampers

 E Aydin, B Ozturk, M Dutkiewicz, 2017
 Conference | 14th International Conference "Dynamical Systems - Theory and Applications", Lodz, Poland



Citation
0/0
 Ind. total

50. Analytical Approximate Techniques for Free Vibration Analysis of Stepped Beams with Different Support Conditions

 Sb Coşkun, H Erdoğan, B Öztürk, Mt Atay, 2015
 Conference | 5. International Earthquake Symposium (Kocaeli 2015), Kocaeli, Turkey



Citation
0/0
 Ind. total

51. Rehabilitation of Planar Building Structures using Steel Diagonal Braces and Dampers

 E Aydin, B Ozturk, E Duzel, 2012
 Conference | 5th European Conference on Structural Control (Eacs 2012) , Genoa, Italy



Citation
0/0
 Ind. total

52. Evaluation of Seismic Behavior of the Selected Buildings Located Close To Duzce Recording Station in Duzce, Turkey where two Subsequent Earthquakes Occurred in 1999

 B Öztürk, 2007
 Conference | 9th Canadian Conference on Earthquake Engineering, Ottawa



Citation
0/0
 Ind. total

53. Analysis of Longitudinal Vibration of Nanorods Via Homotopy Perturbation Method

 Sb Coskun, B Ozturk, 2019
 Conference | 5th International Conference on Advances in Mechanical Engineering (Icame 2019)



Citation
0/0
 Ind. total

54. Viscous Damper Design Considering Soil-Structure Interaction

 E Aydin, a Bogdanovic, B Ozturk, 2018
 Conference | The 36th General Assembly of the European Seismological Commission, Malta

Citation
0/0
 Ind. total

55. Application of a Mixed Passive Control in Structures with Tuned Mass Dampers and Viscous Dampers

 H Çetin, E Aydın, B Öztürk, 2017
 Conference | 20.tumtmk Mechanics Conference, Bursa

Citation
0/0
 Ind. total

56. İtme Analizi Kullanılarak Yüksek Riskli Deprem Bölgesindeki Bir Prefabrik Yapının Sismik Kapasitesinin İncelenmesi

👤 B Öztürk, C Yıldız, E Aydın, 2011
📅 Conference | 1. Türkiye Deprem Mühendisliği Ve Sismoloji Konferansı, Ankara

Citation
0/0
Ind. total

57. Effect of FRP Retrofitting Application on Seismic Behavior of A Historical Building at Nigde, Turkey

👤 B Ozturk, C Yilmaz, T Senturk, 2010
📅 Conference | 14th European Conference on Earthquake Engineering, Ohrid

Citation
0/0
Ind. total

58. Investigation of The Concept of Ground Velocity Increment, DV and Its Effects on The Nonlinear Displacement Response of Single-Degree-of-Freedom(SDOF) Systems

👤 B Ozturk, 2006
📅 Conference | First European Conference on Earthquake Engineering and Seismology, Geneva

Citation
0/0
Ind. total

► Uncategorized

1. Seismic drift response of building structures in seismically active and near-fault regions

👤 Baki Ozturk, 2003
📅 Other | N/A
🔗 Seismology; Geotechnical Engineering; Geology

Citation
22/32
Ind. total

2. Elastic Stability Analysis of Euler Columns Using Analytical Approximate Techniques

👤 Safa Bozkurt Coskun, Baki Ozturk, 2012
📅 Other | N/A
🔗 Mathematics; Mathematical Optimization

Citation
3/3
Ind. total

3. Analysis and Design of Prestressed Concrete Sheet Pile Walls

👤 B Ozturk, 1997
📅 Other | N/A

Citation
0/0
Ind. total

4. Earthquake and Impact Engineering

👤 Mc Constantinou, En Farsangi, a Astaneh-Asl, I Takewaki, 2016
📅 Other | N/A

Citation
0/0
Ind. total

5. Improvement of Building Resilience by Viscous Dampers

👤 Ersin Aydin, En Farsangi, B Ozturk, a Bogdanovic, M Dutkiewicz, 2019
📅 Other | N/A
🔗 Structural Engineering; Engineering

Citation
0/0
Ind. total

6. Reusability of Ashes for the Building Sector to Strengthen the Sustainability of Waste Management

👤 N Doğan-Sağlamtimur, Ahmet Bilgil, B Öztürk, 2018

📄 Other | N/A

🔗 Environmental Science; Waste Management

Citation

0/0

Ind. total

7. Sismik Bölgeleme Çalışmaları: Dünya'dan ve Türkiye'den Örnekler

👤 B Öztürk, 2015

📄 Other | N/A

Citation

0/0

Ind. total

METRICS AND RANKS OF JOURNALS WHERE I PUBLISHED ARTICLES



► Journal Rankings: Google Scholar

Journal	h5	Journal Rank	Papers	Category
Applied Mathematics and Computation	69	3 / 20	1	Computational Mathematics
Structural and Multidisciplinary Optimization	45	3 / 20	1	Mathematical Optimization
Bulletin of Earthquake Engineering	39	9 / 20	1	Structural Engineering
Structural Control and Health Monitoring	35	13 / 20	1	Structural Engineering

► Journal Rankings: Eigenfactor

Journal	Eigenfactor	Journal Rank	Papers	Category
Applied Mathematics and Computation	0.041	2 / 254	1	Mathematics, Applied
Mathematical Problems in Engineering	0.012	8 / 85	1	Engineering, Mathematics, Miscellaneous
Structural and Multidisciplinary Optimization	0.009	11 / 85	1	Engineering
Bulletin of Earthquake Engineering	0.005	12 / 35	1	Engineering, Geological
Structural Control & Health Monitoring	0.003	17 / 61	1	Construction & Building Technology
Magazine of Concrete Research	0.003	19 / 61	1	Construction & Building Technology
Earthquakes and Structures	<0.001	25 / 35	1	Engineering, Geological
Geomechanics and Engineering	<0.001	30 / 35	1	Engineering, Geological
Smart Structures and Systems	0.002	31 / 56	1	Instruments & Instrumentation
International Journal of Nonlinear Sciences and Numerical Simulation	<0.001	47 / 53	1	Physics, Mathematical
Structural Engineering and Mechanics	0.003	47 / 126	2	Engineering, Civil
Indian Journal of Engineering and Materials Sciences	<0.001	67 / 85	1	Engineering

► Journal Rankings: Scimago

Journal	SJR	Journal Rank	Papers	Category
Structural and Multidisciplinary Optimization	1.835	3 / 80	1	Control and Optimization
Structural Control and Health Monitoring	1.500	17 / 150	1	Building and Construction
Bulletin of Earthquake Engineering	1.457	18 / 150	1	Building and Construction
International Journal of Nonlinear Sciences and Numerical Simulation	0.288	31 / 41	1	Statistical and Nonlinear Physics
Magazine of Concrete Research	0.972	33 / 150	1	Building and Construction
Applied Mathematics and Computation	0.927	34 / 131	1	Computational Mathematics
Structural Engineering and Mechanics	0.708	49 / 150	2	Building and Construction
Geomechanics and Engineering	0.606	61 / 164	1	Geotechnical Engineering and Engineering Geology
Smart Structures and Systems	0.685	68 / 221	1	Control and Systems Engineering
Mathematical Problems in Engineering	0.270	153 / 468	1	Engineering (miscellaneous)
Indian Journal of Engineering and Materials Sciences	0.217	190 / 468	1	Engineering (miscellaneous)

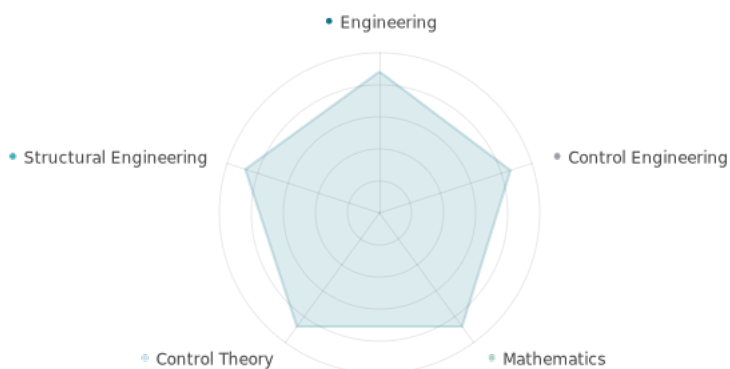
► Journal Rankings: Thomson Reuters

Journal	IF	Journal Rank	Papers	Category
Smart Structures and Systems	3.622	103 / 347	1	Neuroscience & Behavior
Structural Engineering and Mechanics	2.804	103 / 792	2	Plant & Animal Science
Structural Control & Health Monitoring	3.74	109 / 769	1	Psychiatry/psychology
Structural and Multidisciplinary Optimization	3.925	114 / 871	1	Engineering
Magazine of Concrete Research	2.026	133 / 314	1	Physics
Geomechanics and Engineering	2.594	268 / 871	1	Engineering
Mathematical Problems in Engineering	1.179	573 / 769	1	Psychiatry/psychology

ACADEMIC RANKING



The Academic Ranking



Times Cited and Ranking in Top 50% Cited Academic Fields

Discipline	Citations	Percentile
Engineering	17	Top 11.81%
Structural Engineering	7	Top 11.96%
Control Theory	16	Top 12.31%
Mathematics	22	Top 12.34%
Control Engineering	16	Top 14.06%

G-index **18** Impact Factor **0.215**

CITATION ANALYTICS



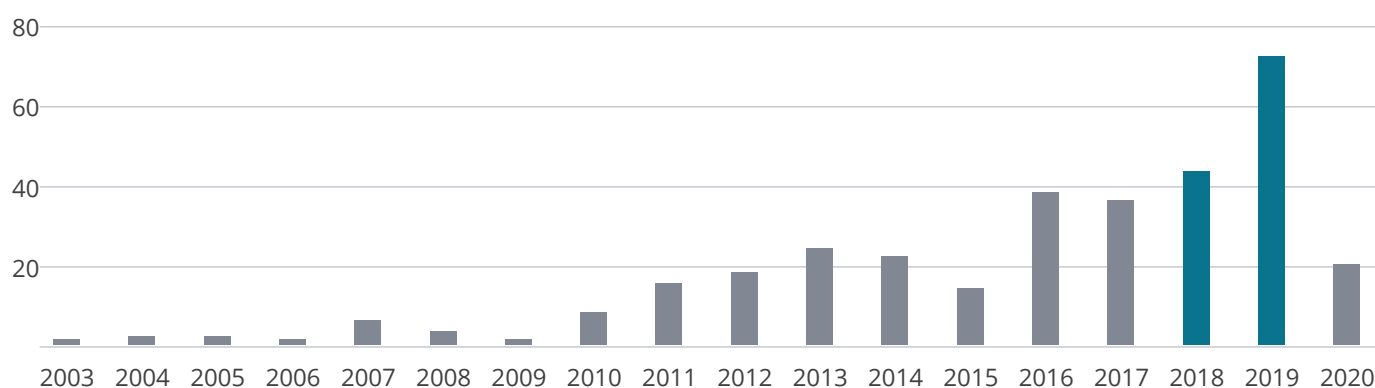
► Total Number of Citations

All
392

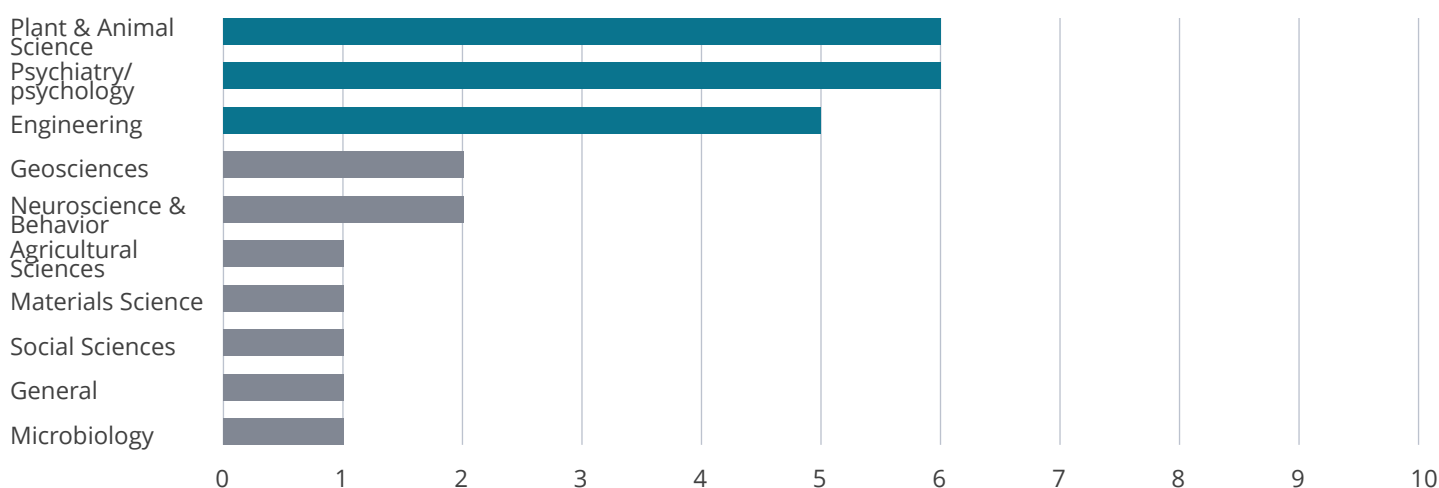
Past 5 Years
209

Past 3 Years
135

► Citation Per Year



► Citations by Category



METRICS AND RANKS OF JOURNALS WHICH CITED MY PUBLICATIONS



Citing Journal	ImpactFactor	Journal Rank	Category
Composite Structures	4.829	14 / 342	Agricultural Sciences
Nonlinear Dynamics	4.604	58 / 2186	Social Sciences, General
International Journal of Mechanical Sciences	4.134	99 / 871	Engineering
Applied Mathematical Modelling	2.841	100 / 792	Plant & Animal Science
Structural Engineering and Mechanics	2.804	103 / 792	Plant & Animal Science
Smart Structures and Systems	3.622	103 / 347	Neuroscience & Behavior
Wind and Structures	1.256	104 / 125	Microbiology
Structural Control & Health Monitoring	3.74	109 / 769	Psychiatry/psychology
Earthquake Spectra	2.005	177 / 412	Geosciences
Structures	1.646	286 / 347	Neuroscience & Behavior
Mechanics of Composite Materials	0.703	288 / 361	Materials Science
Shock and Vibration	1.628	457 / 871	Engineering
Mathematical Problems in Engineering	1.179	573 / 769	Psychiatry/psychology
Structural Engineering International	0.608	701 / 769	Psychiatry/psychology
Teknik Dergi	0.196	764 / 769	Psychiatry/psychology

12%

41 / 325

0%

1 / 325

Africa

4%

14 / 325

Europe

39%

128 / 325

Asia

40%

130 / 325

Oceania

3%

11 / 325

Country	Citation	Country	Citation	Country	Citation
Turkey	65	Viet Nam	3	Hong Kong	1
United States	38	Kazakhstan	3	Switzerland	1
Sweden	24	Ireland	2	Croatia	1
Italy	24	Saudi Arabia	2	United Arab Emirates	1
Islamic Republic of Iran	20	Greece	2	Republic of Korea	1
United Kingdom	19	Romania	2	Bahrain	1
Russian Federation	17	Norway	2	Austria	1
China	12	Thailand	2	Ukraine	1
Poland	11	Bangladesh	2	Mexico	1
Australia	10	Germany	2	Taiwan	1
Spain	8	Canada	2	Pakistan	1
Nigeria	7	Montenegro	1	New Zealand	1
Iraq	6	Israel	1	Cambodia	1
Egypt	6	Serbia	1	Algeria	1
India	5	Singapore	1	Luxembourg	1
Portugal	4	Brazil	1		
Finland	4	Indonesia	1		

- Times of Cited > 5%
- Times of Cited < 5%



CITING INSTITUTIONS



- University of Bologna**
- Italy
- ★ Top 32 university in classics-ancient-history field according to TOP UNIVERSITIES
 - ★ Top 2 university in Italy according to US NEWS
 - ★ Top 122 university in the world according to US NEWS

Citation
7

- Tongji University**
- China
- ★ Top 18 university in art-design field according to TOP UNIVERSITIES
 - ★ Top 10 university in China according to TOP UNIVERSITIES
 - ★ Top 291 university in the world according to TOP UNIVERSITIES
 - ★ Top 22 university in emerging economies ranking according to TIMES HIGHER EDUCATION

Citation
6

- Polytechnic University of Catalonia**
- Spain
- ★ Top 22 university in architecture field according to TOP UNIVERSITIES
 - ★ Top 7 university in Spain according to TOP UNIVERSITIES
 - ★ Top 275 university in the world according to TOP UNIVERSITIES

Citation
6

- University of Birmingham**
- United Kingdom
- ★ Top 5 university in sports-related-subjects field according to TOP UNIVERSITIES
 - ★ Top 12 university in United Kingdom according to US NEWS
 - ★ Top 79 university in the world according to TOP UNIVERSITIES

Citation
5

- Cairo University**
- Egypt
- ★ Top 7 university in africa according to US NEWS

Citation
5

- University of Surrey**
- United Kingdom
- ★ Top 4 university in hospitality-leisure-management field according to TOP UNIVERSITIES
 - ★ Top 34 university in United Kingdom according to TIMES HIGHER EDUCATION
 - ★ Top 248 university in the world according to TOP UNIVERSITIES

Citation
5

- University of California, Berkeley**
- United States
- ★ Top 1 university in environmental-studies field according to TOP UNIVERSITIES
 - ★ Top 4 university in United States according to US NEWS
 - ★ Top 4 university in the world according to US NEWS

Citation
4

- Middle East Technical University**
- Turkey
- ★ Top 8 university in eeaa (emerging europe & central asia) according to TOP UNIVERSITIES


Citation
3

- Università degli Studi di Pavia**
- Italy
- ★ Top 30 university in classics-ancient-history field according to TOP UNIVERSITIES
 - ★ Top 12 university in Italy according to US NEWS
 - ★ Top 265 university in the world according to US NEWS

Citation
3

- Politecnico di Milano**
- Italy
- ★ Top 5 university in art-design field according to TOP UNIVERSITIES
 - ★ Top 1 university in Italy according to TOP UNIVERSITIES
 - ★ Top 156 university in the world according to TOP UNIVERSITIES

Citation
3

-  **University of Sheffield**
-  **United Kingdom**
- ★ Top 1 university in library-information-management field according to TOP UNIVERSITIES
 - ★ Top 12 university in United Kingdom according to TIMES HIGHER EDUCATION
 - ★ Top 75 university in the world according to TOP UNIVERSITIES



Citation
3

-  **Politecnico di Torino**
-  **Italy**
- ★ Top 33 university in engineering-technology field according to TOP UNIVERSITIES



Citation
3

-  **Indian Institute of Technology Madras**
-  **India**
- ★ Top 4 university in India according to TOP UNIVERSITIES
 - ★ Top 264 university in the world according to TOP UNIVERSITIES
 - ★ Top 17 university in brics according to TOP UNIVERSITIES



Citation
3

-  **Purdue University**
-  **United States**
- ★ Top 9 university in agriculture-forestry field according to TOP UNIVERSITIES
 - ★ Top 30 university in United States according to TIMES HIGHER EDUCATION
 - ★ Top 64 university in the world according to TIMES HIGHER EDUCATION



Citation
2

-  **University of Waterloo**
-  **Canada**
- ★ Top 19 university in hospitality-leisure-management field according to TOP UNIVERSITIES
 - ★ Top 7 university in Canada according to TOP UNIVERSITIES
 - ★ Top 163 university in the world according to TOP UNIVERSITIES

Citation
2

-  **University of Wollongong**
-  **Australia**
- ★ Top 24 university in engineering-mineral-mining field according to TOP UNIVERSITIES
 - ★ Top 11 university in Australia according to TIMES HIGHER EDUCATION
 - ★ Top 201 university in the world according to TIMES HIGHER EDUCATION



Citation
2

-  **University of Pittsburgh**
-  **United States**
- ★ Top 1 university in philosophy field according to TOP UNIVERSITIES
 - ★ Top 27 university in United States according to US NEWS
 - ★ Top 43 university in the world according to US NEWS


Citation
2

-  **University of Hyderabad**
-  **India**
- ★ Top 36 university in brics according to TOP UNIVERSITIES

Citation
1

-  **University of Colorado Boulder**
-  **United States**
- ★ Top 1 university in geosciences field according to US NEWS
 - ★ Top 28 university in United States according to US NEWS
 - ★ Top 43 university in the world according to US NEWS

Citation
1

-  **Khalifa University**
-  **United Arab Emirates**
- ★ Top 15 university in emerging economies ranking according to TIMES HIGHER EDUCATION

Citation
1

- Aristotle University of Thessaloniki**
- Greece
- ★ Top 16 university in classics-ancient-history field according to TOP UNIVERSITIES

Citation
1

- TU Dresden**
- Germany
- ★ Top 11 university in Germany according to TOP UNIVERSITIES
 - ★ Top 151 university in the world according to TIMES HIGHER EDUCATION

Citation
1

- Columbia University**
- United States
- ★ Top 3 university in anatomy-physiology field according to TOP UNIVERSITIES
 - ★ Top 6 university in United States according to US NEWS
 - ★ Top 8 university in the world according to US NEWS

Citation
1

- University of Trento**
- Italy
- ★ Top 7 university in Italy according to TIMES HIGHER EDUCATION
 - ★ Top 251 university in the world according to TIMES HIGHER EDUCATION

Citation
1

- National University of Singapore**
- Singapore
- ★ Top 6 university in engineering-civil-structural field according to TOP UNIVERSITIES
 - ★ Top 1 university in Singapore according to TOP UNIVERSITIES
 - ★ Top 11 university in the world according to TOP UNIVERSITIES
 - ★ Top 1 university in asia according to TOP UNIVERSITIES

Citation
1

- Technion – Israel Institute of Technology**
- Israel
- ★ Top 3 university in Israel according to TOP UNIVERSITIES
 - ★ Top 247 university in the world according to TOP UNIVERSITIES

Citation
1

- University of New South Wales**
- Australia
- ★ Top 9 university in engineering-mineral-mining field according to TOP UNIVERSITIES
 - ★ Top 4 university in Australia according to TOP UNIVERSITIES
 - ★ Top 45 university in the world according to TOP UNIVERSITIES
 - ★ Top 6 university in australia-new-zealand according to US NEWS

Citation
1

- University of Massachusetts Amherst**
- United States
- ★ Top 2 university in linguistics field according to TOP UNIVERSITIES
 - ★ Top 53 university in United States according to US NEWS
 - ★ Top 119 university in the world according to US NEWS

Citation
1

- Southeast University**
- China
- ★ Top 10 university in computer-science field according to US NEWS
 - ★ Top 40 university in emerging economies ranking according to TIMES HIGHER EDUCATION

Citation
1

- University of Reading**
- United Kingdom
- ★ Top 6 university in agriculture-forestry field according to TOP UNIVERSITIES
 - ★ Top 29 university in United Kingdom according to TOP UNIVERSITIES
 - ★ Top 195 university in the world according to TOP UNIVERSITIES

Citation
1

- Curtin University**
- Australia
- ★ Top 2 university in engineering-mineral-mining field according to TOP UNIVERSITIES
 - ★ Top 13 university in Australia according to TOP UNIVERSITIES
 - ★ Top 250 university in the world according to TOP UNIVERSITIES

Citation
1

- Nanjing Agricultural University**
- China
- ★ Top 9 university in agricultural-sciences field according to US NEWS

Citation
1

- Indian Institute of Technology Delhi**
- India
- ★ Top 3 university in India according to TOP UNIVERSITIES
 - ★ Top 172 university in the world according to TOP UNIVERSITIES
 - ★ Top 18 university in brics according to TOP UNIVERSITIES

Citation
1

- Zhejiang University**
- China
- ★ Top 9 university in computer-science field according to US NEWS
 - ★ Top 4 university in China according to TIMES HIGHER EDUCATION
 - ★ Top 68 university in the world according to TOP UNIVERSITIES
 - ★ Top 5 university in brics according to TOP UNIVERSITIES

Citation
1

- Johns Hopkins University**
- United States
- ★ Top 2 university in clinical-medicine field according to US NEWS
 - ★ Top 8 university in United States according to TIMES HIGHER EDUCATION
 - ★ Top 12 university in the world according to TIMES HIGHER EDUCATION

Citation
1

- Yonsei University (Seoul campus)**
- Korea, Republic of
- ★ Top 38 university in social-policy-administration field according to TOP UNIVERSITIES
 - ★ Top 6 university in Korea, Republic of according to TOP UNIVERSITIES
 - ★ Top 107 university in the world according to TOP UNIVERSITIES
 - ★ Top 17 university in asia according to TOP UNIVERSITIES

Citation
1

- Tsinghua University**
- China
- ★ Top 1 university in engineering field according to US NEWS
 - ★ Top 1 university in China according to TIMES HIGHER EDUCATION
 - ★ Top 17 university in the world according to TOP UNIVERSITIES
 - ★ Top 1 university in brics according to TOP UNIVERSITIES

Citation
1

- Ohio State University**
- United States
- ★ Top 16 university in veterinary-science field according to TOP UNIVERSITIES
 - ★ Top 28 university in United States according to TOP UNIVERSITIES
 - ★ Top 46 university in the world according to US NEWS

Citation
1

- NUI Galway**
- Ireland
- ★ Top 3 university in Ireland according to TOP UNIVERSITIES
 - ★ Top 260 university in the world according to TOP UNIVERSITIES

Citation
1

- University of Canterbury**
- New Zealand
- ★ Top 4 university in New Zealand according to TOP UNIVERSITIES
 - ★ Top 231 university in the world according to TOP UNIVERSITIES

Citation
1

- University of Michigan--Ann Arbor**
- United States
- ★ Top 6 university in social-sciences-public-health field according to US NEWS
 - ★ Top 16 university in United States according to US NEWS
 - ★ Top 18 university in the world according to US NEWS

Citation
1

- Monterrey Institute of Technology and Higher Education**
- Mexico
- ★ Top 2 university in Mexico according to TOP UNIVERSITIES
 - ★ Top 178 university in the world according to TOP UNIVERSITIES
 - ★ Top 5 university in latin america rankings according to TIMES HIGHER EDUCATION

Citation
1

- Gulf University**
- Bahrain
- ★ Top 31 university in arab region according to TOP UNIVERSITIES

Citation
1

- Trinity College Dublin**
- Ireland
- ★ Top 1 university in Ireland according to TIMES HIGHER EDUCATION
 - ★ Top 120 university in the world according to TIMES HIGHER EDUCATION

Citation
1

- University of Oxford**
- United Kingdom
- ★ Top 1 university in Computer science field according to TIMES HIGHER EDUCATION
 - ★ Top 1 university in United Kingdom according to TIMES HIGHER EDUCATION
 - ★ Top 1 university in the world according to TIMES HIGHER EDUCATION
 - ★ Top 1 university in europe according to US NEWS

Citation
1

- ETH Zurich**
- Switzerland
- ★ Top 1 university in earth-marine-sciences field according to TOP UNIVERSITIES
 - ★ Top 1 university in Switzerland according to TIMES HIGHER EDUCATION
 - ★ Top 7 university in the world according to TOP UNIVERSITIES

Citation
1

- University of Nebraska-Lincoln**
- United States
- ★ Top 37 university in agriculture-forestry field according to TOP UNIVERSITIES

Citation
1

- Warsaw University of Technology**
- Poland
- ★ Top 15 university in eeca (emerging europe & central asia) according to TOP UNIVERSITIES



Citation
1

- Hong Kong University of Science and Technology**
- Hong Kong
- ★ Top 14 university in computer-science-information-systems field according to TOP UNIVERSITIES
 - ★ Top 2 university in Hong Kong according to TIMES HIGHER EDUCATION
 - ★ Top 37 university in the world according to TOP UNIVERSITIES
 - ★ Top 5 university in asia university rankings according to TIMES HIGHER EDUCATION



Citation
1

- Universidade Federal de São Paulo**
- Brazil
- ★ Top 6 university in agricultural-sciences field according to US NEWS
 - ★ Top 1 university in Brazil according to TIMES HIGHER EDUCATION
 - ★ Top 118 university in the world according to TOP UNIVERSITIES
 - ★ Top 1 university in latin-america according to US NEWS



Citation
1

-  **University of Kansas**
-  **United States**
- ★ Top 87 university in United States according to US NEWS
 - ★ Top 266 university in the world according to US NEWS



Citation
1

-  **University of Washington**
-  **United States**
- ★ Top 4 university in pharmacology-toxicology field according to US NEWS
 - ★ Top 8 university in United States according to US NEWS
 - ★ Top 10 university in the world according to US NEWS

Citation
1

-  **University of Texas at Austin**
-  **United States**
- ★ Top 3 university in computer-science field according to US NEWS
 - ★ Top 22 university in United States according to TIMES HIGHER EDUCATION
 - ★ Top 36 university in the world according to US NEWS

Citation
1

-  **University of Southern California**
-  **United States**
- ★ Top 2 university in communication-media-studies field according to TOP UNIVERSITIES
 - ★ Top 31 university in United States according to TIMES HIGHER EDUCATION
 - ★ Top 62 university in the world according to US NEWS

Citation
1