




Aziz Ibrahim Abdulla



Research Director at Tikrit University civil eng. dept.

 impactio.com/researcher/aziz-ibrahim-abdulla

 lan914@gmail.com



Independent

Total

Citations

157

171

About

Prof. Dr. Aziz I. Abdulla
Structural Engineering



Education

2002 - 2007	University of Technology Doctoral Degree Structural engineering
1995 - 1998	Tikrit University Master's Degree Structural engineering
1991 - 1995	Tikrit University Bachelor's Degree Engineering



Research Interests

- Engineering
- CFRP, Ferrocement, Timber Beam, FRP bars, Modified Resin



Professional Skills

- Strengthening of Concrete
- Adhesive Properties
- Dynamic Response

Research Experience

- Nov 2017 **Editor In chief / TJES Journal**
Tikrit University
- Oct 2017 **Professor**
College of Engineering/ Tikrit University.
[Structural Engineering](#) [Environmental Engineering](#)
- Sep 2015 - Oct 2017 **Professor**
Al-Ahliyya Amman University
- Sep 2014 - Sep 2015 **Professor**
Jerash University
- May 1999 - Sep 2014 **Academic Staff**
Civil Eng. Dept., College of Eng., Tikrit University

Work Experience

- Sep 2018 **Head of Environmental Engineering Departement**
College of Eng., Tikrit University
- Oct 2014 - Oct 2016 **Head of Civil Eng. Dept.**
Jerash University/ Jordan

Presentations/Talks

- Oct 2018 **Journals Reliability**
Antalya-Turky
ICEMAS-1 ISNRA

Membership

- Sep 2018 **Consulting**
ISNRA

Patents

- Filed Sep 16 2012 **Cheap Material to Enhance Normal and Rubberize Cement Mortar properties**
3428



Publication Metrics

All

46

Journals

13

Conference

0

Books

0


Others


33



All Publications

Journals

 **The use of wire mesh–epoxy composite for enhancing the flexural performance of concrete beams**

 Ismail M.I. Qeshta, Payam Shafigh, Mohd Zamin Jumaat, Aziz Ibrahim Abdulla, Zainah Ibrahim, Ubagaram Johnson Alengaram


 2014 | JOURNAL | Materials & Design


 Composite material, Structural engineering, Materials science

Citation

34/42

Ind. / Total

 **Fracture Characterization of Multi-Layer Wire Mesh Rubberized Ferrocement Composite Slabs by Means of Acoustic Emission**

 Arash Behnia, Navid Ranjbar, Hwa Kian Chai, Aziz. I. Abdullah, Mahyar Masaeli


 2017 | JOURNAL | Journal of Cleaner Production

 Composite material, Structural engineering, Materials science

Citation

21/23

Ind. / Total

 **Effect of Rubber Treated by Acidic Solution on Some Mechanical Properties of Rubberize Cement Mortar**

 Aziz Ibrahim Abdulla, Salwa Hadi Ahmed


 2011 | JOURNAL | Engineering and Technology Journal

 Composite material, Materials science

Citation

15/15

Ind. / Total

 **Mechanical properties of sand modified resins used for bonding CFRP to concrete substrates**

 Aziz Ibrahim Abdulla, Yassen Ali Salih, Muataz Ibrahim Ali





 2016 | JOURNAL | International journal of sustainable built environment

 Composite material, Materials science





Citation

14/14

Ind. / Total

 **Effect of Magnesium Sulphate on Self-Compacting Concrete Containing Supplementary Cementitious Materials**
 Aiad Hassan, Hilmi Bin Mahmud, Mohd Zamin Jumaat, Belal Alsubari, Aziz Ibrahim Abdulla
 2013 | JOURNAL | Advances in Materials Science and Engineering
 Composite material, Materials science





Citation
12/12
Ind. / Total

 **Cement Mortar Properties Contain Crumb Rubber Treated with Alkaline Materials**
 Aziz Ibrahim Abdulla, Wisam Amer Aules, Salwa Hadi Ahmed
 2010 | JOURNAL | Modern Applied Science
 Composite material, Materials science





Citation
8/9
Ind. / Total

 **Behavior of multilayer composite ferrocement slabs with intermediate rubberized cement mortar layer**
 Aziz Ibrahim Abdulla, Hadeel Reiyadh Khatab
 2014 | JOURNAL | Arabian Journal for Science and Engineering
 Composite material, Materials science


Citation
5/5
Ind. / Total


 **Flexural behaviour of concrete beams bonded with wire mesh-epoxy composite**
 Ismail M.I. Qeshta, Payam Shafigh, Mohd Zamin Jumaat, Aziz Ibrahim Abdulla, Ubagaram Johnson Alengaram, Zainah Ibrahim
 2014 | JOURNAL | Applied Mechanics and Materials
 Structural engineering, Materials science

Citation
3/5
Ind. / Total

 **Mechanical Properties and Dynamic Response of Lightweight Reinforced Concrete Beam**
 Aziz Ibrahim Abdulla, Alya' a A. Ali, Ahmed Adnan Ghane
 2012 | JOURNAL | Engineering and Technology Journal
 Composite material, Structural engineering, Materials science

Citation
3/3
Ind. / Total

 **Flexural Behavior of GFRP RC Beam Strengthened with Carbon Fiber Reinforced Polymer (CFRP) Plate: Cracking Behavior**

 Norhafizah Salleh, Abdul Rahman Mohd Sam, Jamaludin Mohd Yatim


 2015 | JOURNAL | Applied Mechanics and Materials

 Structural engineering, Materials science

Citation

1/2

Ind. / Total

 **Production Hollow Ferrocement Beams Through Solid Waste Recycling**

 Aziz Ibrahim Abdulla, Salwa H. Ahmad


 2016 | JOURNAL | Tikrit Journal of Engineering Science


 Waste management, Materials science

Citation

0/0

Ind. / Total

 **Frictional Pressure Drop and Cost Savings for Graphene Nanoplatelets Nanofluids in Turbulent Flow Environments**


 Reem Sabah Mohammad, Mohammed Suleman Aldlemy, Miklas Scholz, Zaher Mundher Yaseen, Aziz Ibrahim Abdulla


 2021 | JOURNAL | Nanomaterials

Citation

0/0

Ind. / Total

 **Hydrothermal and energy analysis of flat plate solar collector using copper oxide nanomaterials with different morphologies: Economic performance**

 Omer A. Alawi, Haslinda Mohamed Kamar, Ali H. Abdelrazek, A.R. Mallah, Hussein A. Mohammed, Aziz Ibrahim Abdulla, Hamed Alwan Gatea, Mehdi Khiadani, S. N. Kazi, Zaher Mundher Yaseen g


 2021 | JOURNAL | Sustainable Energy Technologies and Assessments

Citation

0/0

Ind. / Total

Others

 **Thermal properties of sand modified resins used for bonding CFRP to concrete substrates**

 2016 | OTHER

Citation

11/11

Ind. / Total

 **Properties of Lightweight Cement Mortar Containing Treated Pumice and Limestone**

 2015 | OTHER

Citation

10/10

Ind. / Total


 **Lightweight Cement Mortar Using Treated Porcelinite**

 2012 | OTHER

Citation

6/6

Ind. / Total


 **Estimating and Modelling the Interrelationships between Physicochemical Pollutants of Samara Drug Factory Wastewater**


 2011 | OTHER

Citation

6/6

Ind. / Total

 **Behavior of RC Beams Strengthened by CFRP and Steel Rope under Frequent Impact Load**

 Muataz Ibrahim Ali, Yaseen Saleh, Luna Al Hasani, Ammar Saleem Khazaal, Aziz Ibrahim Abdulla, Civil, Env. Eng. Dept., Mngt., Civil Eng. Dept.


 2018 | OTHER

 Structural engineering, Materials science

Citation

4/4

Ind. / Total

 **Effect of adding Porcelain and glass powder mixture on epoxy properties**

 2018 | OTHER

Citation

2/2

Ind. / Total

 **Toughness of Timber Beams Strengthened with Jute Fibers**

 2020 | OTHER

Citation

1/1

Ind. / Total


 **Recycling of Food Waste to Produce the Plant Fertilizer**

 2018 | OTHER

Citation

1/1

Ind. / Total


 **Physicochemical properties of modified epoxy used for reinforcing concrete by carbon fiber reinforced polymer**

 2021 | OTHER

Citation

0/0

Ind. / Total

 **The Properties of Short Circular Reinforced-Concrete Columns Strengthened by Treated Natural Jute and Non-Treated Jute Fibres**

 2021 | OTHER

Citation

0/0

Ind. / Total

 **Behavior of Ferrocement Slabs Strengthening with Jute Fibers under Impact Load**

 2020 | OTHER

Citation

0/0

Ind. / Total


 **Friends of Open Access**


 2020 | OTHER

Citation

0/0

Ind. / Total

 **Behavior of Timber Beams Strengthened by Jute Fibers**

 Reem Thaker Mahmoud, Aziz Ibrahim Abdulla, Ammar Saleem Khazaal


 2020 | OTHER

 Composite material

Citation

0/0

Ind. / Total


 **Behavior of Ferrocement Slabs Strengthened with Inclined Jute Fibers Subjected to Static Load**


 2019 | OTHER

Citation

0/0

Ind. / Total

 **Behavior of Reinforced Concrete Beams Strengthened by CFRP and Wire Rope**

 Aziz Ibrahim Abdulla, Khalid Naji Mahasneh, Mohammad W Shaheen, Ammar Saleem Khazaal, Muataz Ibrahim Ali

 2018 | OTHER

 Structural engineering, Materials science

Citation

0/0

Ind. / Total

 **Compressive Strength of Cement Mortar with white cement and limestone**

 2018 | OTHER

Citation

0/0

Ind. / Total


 **Scientific Research**

 2016 | OTHER

Citation

0/0

Ind. / Total

 **Characterization of rubberized self-compacting ferrocement multi-layer composite slabs by means of acoustic emission**


 2015 | OTHER

Citation

0/0

Ind. / Total

 **Behavior of Reinforced Concrete Beams Strengthened by CFRP and Wire Rope**

 Aziz Ibrahim Abdulla, Khalid Naji Mahasneh, Mohammad W Shaheen, Ammar Saleem Khazaal, Muataz Ibrahim Ali

 2018 | OTHER

 Structural engineering, Materials science

Citation

0/0

Ind. / Total

 **EFFECT OF ADDING RECYCLED PLASTIC FIBERS TO CONCRETE ON THE STATIC PROPERTIES OF CONCRETE TILES**

 2014 | OTHER

Citation

0/0

Ind. / Total

 **Microstructure Properties of SCC exposed to Elevated Temperature**

 Ammar Khazaal, Nada Fawzi, Aziz Abdullah

 2014 | OTHER

 Materials science, Composite material

Citation

0/0

Ind. / Total

 **Book "Construction Materials"**

 2013 | OTHER

Citation

0/0

Ind. / Total


 **Properties of Ferrocement Slabs Containing Sawdust**

 2013 | OTHER

Citation

0/0

Ind. / Total


 **Acidic Attack Resistance of Lightweight Concrete with SF**

 2013 | OTHER

Citation

0/0

Ind. / Total


 **Cheap Material to Enhance Normal and Rubberize Cement Mortar properties**

 2012 | OTHER

Citation

0/0

Ind. / Total


 **Book "Analysis of Skew Ribbed Bridge Decks by Grillage Methods: Structural Analysis"**

 2012 | OTHER

Citation

0/0

Ind. / Total

 **Effect of Re-Use of Porcelain Wastes to The Compressive Strength of Cement Mortars**

 2012 | OTHER

Citation

0/0

Ind. / Total


 **Book "Analysis of Composite Concrete Beam -Slab System Under Dynamic Loads"**

 2011 | OTHER

Citation

0/0

Ind. / Total


 **Using Solid Detergent as Economic Material and Environmentally Friendly Method Toward Lightweight, Slow Action and Anti Acid Concrete**

 2008 | OTHER

Citation

0/0

Ind. / Total

 **Finite Element Analysis of Composite Concrete Beam-slab System Under Dynamic Loads**

 2007 | OTHER

Citation

0/0

Ind. / Total

 **Enhancement of Sawdust Concrete Resistance to The Insects**

 2005 | OTHER

Citation

0/0

Ind. / Total

 **New Rhomboid Grid Model For Skew Plates in Flexure**

 2003 | OTHER

Citation

0/0

Ind. / Total

 **Elastic Analysis of Skew Reinforced Concrete Ribbed Slab**

 2000 | OTHER

Citation

0/0

Ind. / Total

 **Metrics and ranks of journals where I published articles**

Thomson Reuters

Journal	Impact Factor	Ranks	Papers	Category
Journal of Cleaner Production	5.651	18/742		Engineering
Materials & Design	4.525	20/302		Materials science
Advances in Materials Science and Engineering	1.372	151/302		Materials science
Arabian Journal for Science and Engineering	1.092	478/742		Engineering

Scimago

Journal	SJR	Ranks	Papers	Category
Arabian Journal for Science and Engineering	327	37/137		Multidisciplinary
Journal of Cleaner Production	1886	75/1109		Strategy and management
International journal of sustainable built environment	978	105/482		Urban studies
Advances in Materials Science and Engineering	331	414/952		Engineering miscellaneous

Eigenfactor

Journal	Eigenfactor	Ranks	Papers	Category
Materials & Design	0.059			
Journal of Cleaner Production	0.028			
Advances in Materials Science and Engineering	0.003			
Arabian Journal for Science and Engineering	0.003			

Google Scholar

Journal	h5	Ranks	Papers	Category
Materials & Design	101	35/40		Materials engineering
Journal of Cleaner Production	154			



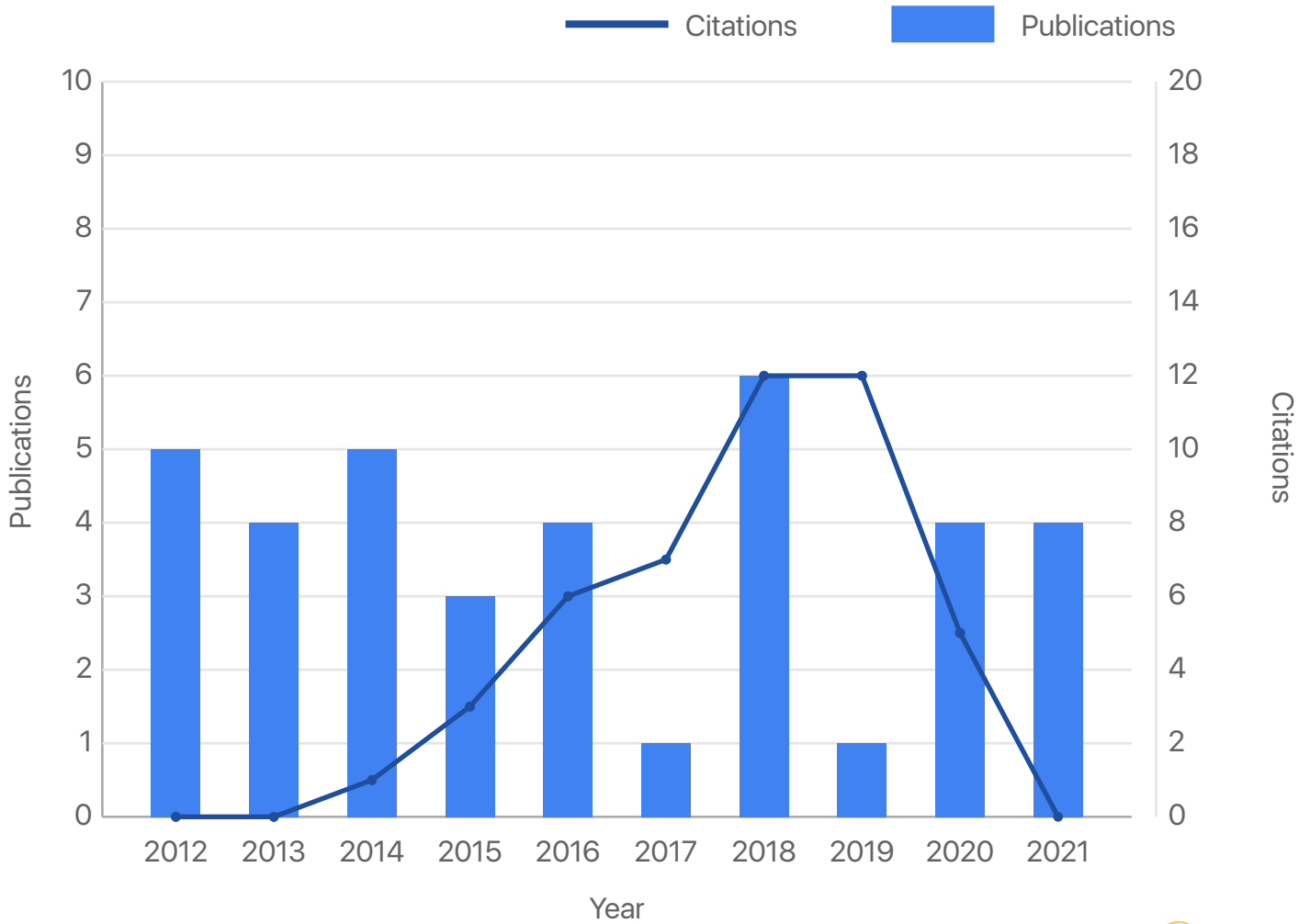
Citation Metrics

Independent	Total	Avg. Citations	G-Index
157	171	4 Per publication	5 In past 5 years



Citations by Year

This graph shows at most last 10 years.

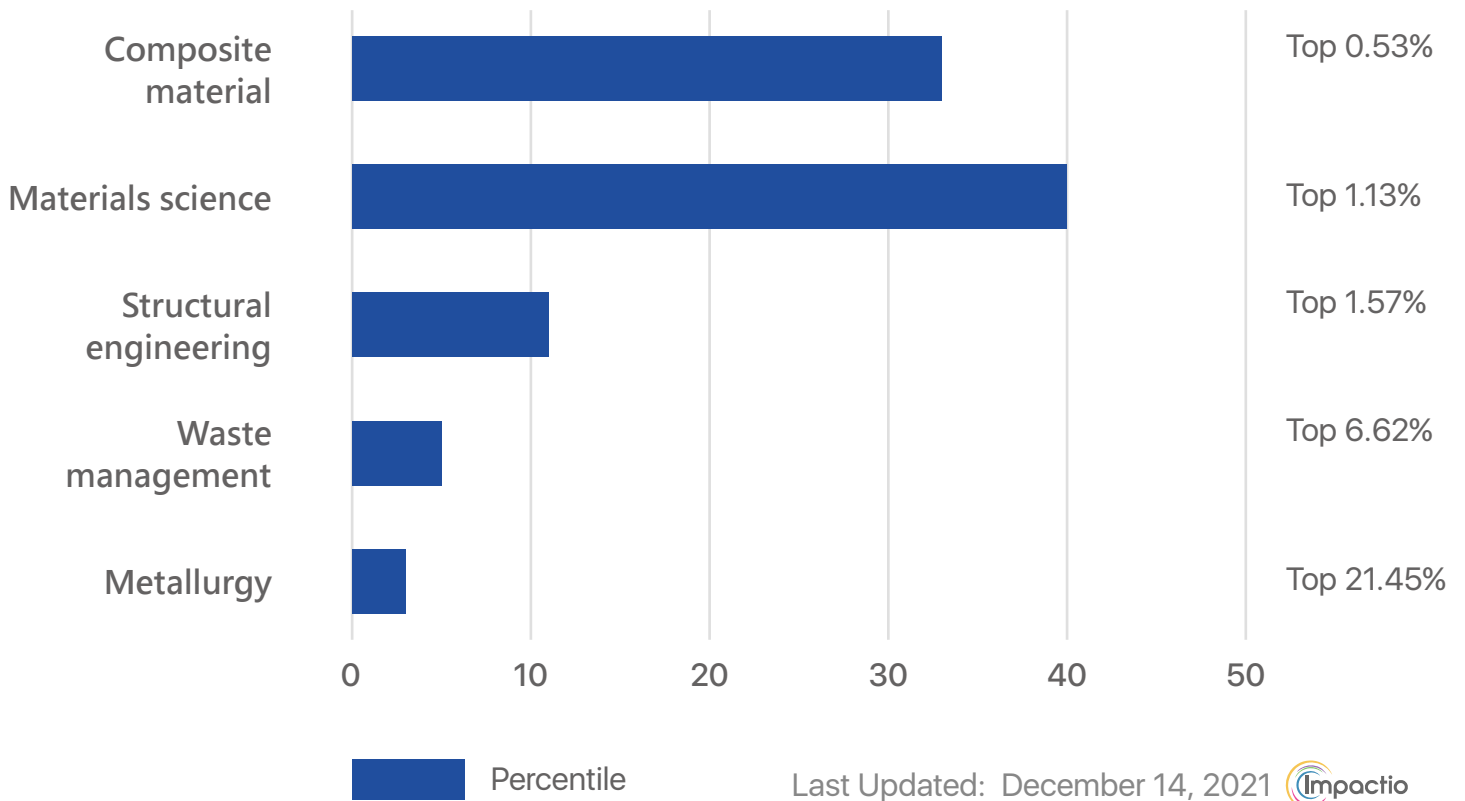


Last Updated: December 14, 2021 

Highly Cited Academic Fields

Top 5 Highly Cited Academic Fields

over the past 5 years



Research Field	Citations	Percentile
Composite material	33	Top 0.53%
Materials science	40	Top 1.13%
Structural engineering	11	Top 1.57%
Waste management	5	Top 6.62%
Metallurgy	3	Top 21.45%

 **Citing Country Map**

North America

5.76%

3 / 52

Europe

1.92%

1 / 52

Asia

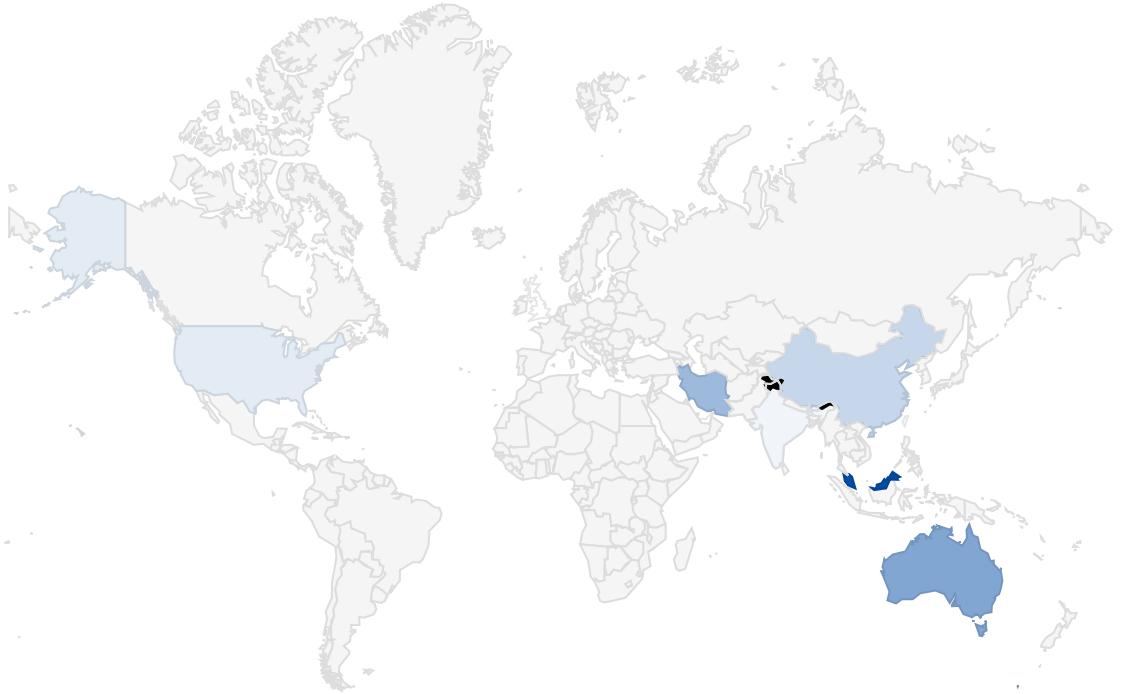
73.07%

38 / 52

Oceania

19.23%

10 / 52



Last Updated: December 14, 2021 

Country	Citations
Malaysia	19
Australia	10
India	2
United States	3
Palestinian Territory	1
Iraq	1

Country	Citations
China	5
United Arab Emirates	1
Iran	8
United Kingdom	1
Taiwan	1



Global Citation Distribution Map



Times of Cited < 5%

Last Updated: December 14, 2021

Times of Cited > 5%

Manually added

Citing Institution Ranking

- University of Malaya
- Malaysia
- The Top 232 in the world according to US NEWS
- The Top 301 in the world according to WORLD UNIVERSITIES



Citation
13

- RMIT University
- Australia
- The Top 238 in the world according to TOP UNIVERSITIES
- The Top 315 in the world according to US NEWS
- The Top 351 in the world according to WORLD UNIVERSITIES

Citation
5

- Monash University
- Australia
- The Top 58 in the world according to TOP UNIVERSITIES
- The Top 59 in the world according to US NEWS
- The Top 75 in the world according to WORLD UNIVERSITIES


Citation
3

 Hakim Sabzevari University
 Iran



Citation
3

 Universiti Tun Hussein Onn Malaysia
 Malaysia

Citation
3

 Northeast Forestry University
 China

Citation
2

 University of Arizona
 United States

Citation
2

 The Top 262 in the world according to TOP UNIVERSITIES

 The Top 85 in the world according to US NEWS

 The Top 104 in the world according to WORLD UNIVERSITIES

 Hong Kong Polytechnic University
 China

Citation
2

 The Top 91 in the world according to TOP UNIVERSITIES

 The Top 200 in the world according to US NEWS

 The Top 171 in the world according to WORLD UNIVERSITIES

 Pabna University of Science & Technology





Citation
1

 Rajshahi University of Engineering & Technology

Citation
1



 National University of Malaysia
 Malaysia

Citation
1

 American University of Sharjah
 United Arab Emirates
 The Top 371 in the world according to TOP UNIVERSITIES
 The Top 801 in the world according to WORLD UNIVERSITIES


Citation

1

 Visvesvaraya Technological University
 India


Citation

1

 Hebei University of Technology
 China

Citation




1

 Indian Institute of Technology (BHU) Varanasi
 India

Citation




1

 Sharif University of Technology
 Iran

 The Top 407 in the world according to TOP UNIVERSITIES
 The Top 591 in the world according to US NEWS
 The Top 501 in the world according to WORLD UNIVERSITIES






Citation

1

 University of Akron
 United States
 The Top 819 in the world according to US NEWS





Citation

1

 University of South Australia
 Australia
 The Top 274 in the world according to TOP UNIVERSITIES
 The Top 395 in the world according to US NEWS
 The Top 251 in the world according to WORLD UNIVERSITIES

Citation



1

 University of Cambridge
 United Kingdom
 The Top 7 in the world according to TOP UNIVERSITIES
 The Top 9 in the world according to US NEWS

Citation

1

 The Top 3 in the world according to WORLD UNIVERSITIES

 University of Palestine
 Palestinian Territory

Citation
1


 National Cheng Kung University
 Taiwan

Citation
1

 The Top 225 in the world according to TOP UNIVERSITIES

 The Top 605 in the world according to US NEWS

 The Top 601 in the world according to WORLD UNIVERSITIES

 Isfahan University of Technology
 Iran


Citation
1

 The Top 595 in the world according to US NEWS

 The Top 601 in the world according to WORLD UNIVERSITIES

 Oklahoma State University–Stillwater

Citation
1

 University of Isfahan
 Iran

Citation
1

 The Top 1300 in the world according to US NEWS

 The Top 801 in the world according to WORLD UNIVERSITIES

 Islamic Azad University
 Iran

Citation
1

 The Top 454 in the world according to US NEWS

 Iran University of Science and Technology
 Iran

Citation
1

 The Top 601 in the world according to TOP UNIVERSITIES

 The Top 601 in the world according to WORLD UNIVERSITIES

 University of Tikrit
 Iraq

Citation

1

 Griffith University
 Australia

Citation

1

 The Top 320 in the world according to TOP UNIVERSITIES



 The Top 242 in the world according to US NEWS

 The Top 201 in the world according to WORLD UNIVERSITIES

 Sona College of Technology

Citation

1

 Universiti Teknologi Petronas
 Malaysia



Citation

1

 The Top 482 in the world according to TOP UNIVERSITIES

 The Top 1078 in the world according to US NEWS

 The Top 601 in the world according to WORLD UNIVERSITIES

 Universiti Teknologi Malaysia
 Malaysia

Citation

1

 The Top 217 in the world according to TOP UNIVERSITIES

 The Top 516 in the world according to US NEWS

 The Top 601 in the world according to WORLD UNIVERSITIES

Metrics and ranks of journals which cited my publications

Thomson Reuters

Journal	Impact Factor	Ranks	Year
Composites Part B-engineering	4.92	15/302	2019
Journal of Cleaner Production	5.651	18/742	2017, 2018, 2019
Materials & Design	4.525	20/302	2015
Construction and Building Materials	3.485	35/302	2015, 2016, 2018, 2019, 2020

Journal	Impact Factor	Ranks	Year
Mechanical Systems and Signal Processing	4.37	45/742	2019
Materiales De Construccion	1.803	114/302	2018
Archives of Civil and Mechanical Engineering	2.763	140/742	2016
Engineering Structures	2.755	141/742	2019
Journal of Reinforced Plastics and Composites	1.471	144/302	2017
Silicon	1.246	170/302	2018
Engineering Fracture Mechanics	2.58	174/742	2019
Fibres & Textiles in Eastern Europe	0.577	244/302	2019
Ksce Journal of Civil Engineering	0.94	525/742	2020
Polymers	2.935		2017
Iranian Journal of Science and Technology-Transactions of Civil Engineering	0.514		2020

Scimago

Journal	SJR	Ranks	Year
Engineering Structures	1595	23/291	2019
Composites Part B-engineering	1925	38/975	2019
Mechanical Systems and Signal Processing	2191	61/1584	2019
Journal of Cleaner Production	1886	75/1109	2017, 2018, 2019
Construction and Building Materials	1491	90/827	2015, 2016, 2018, 2019, 2020
International journal of sustainable built environment	978	105/482	2016, 2017
Structures	828	109/566	2018
Ksce Journal of Civil Engineering	472	128/291	2020
Archives of Civil and Mechanical Engineering	947	131/780	2016
Engineering Fracture Mechanics	1180	131/1055	2019

Journal	SJR	Ranks	Year
Polymers	704	136/506	2017
Silicon	330	139/211	2018
International Journal of Civil Engineering	410	148/291	2018
Journal of building engineering	901	158/855	2018
Journal of Reinforced Plastics and Composites	672	264/990	2017
Materiales De Construccion	624	290/866	2018
Iranian Journal of Science and Technology-Transactions of Civil Engineering	283	294/435	2020
Journal of Mechanical Engineering	220	414/555	2017

Eigenfactor

Journal	Eigenfactor	Ranks	Year
Construction and Building Materials	0.041	1/395	2015, 2016, 2018, 2019, 2020
Composites Part B-engineering	0.027	8/395	2019
Engineering Structures	0.026	10/395	2019
Mechanical Systems and Signal Processing	0.016	28/395	2019
Engineering Fracture Mechanics	0.014	29/395	2019
International Journal of Civil Engineering	< 0.001	61/91	2018
Ksce Journal of Civil Engineering	0.003	123/395	2020
Archives of Civil and Mechanical Engineering	0.002	154/395	2016
Iranian Journal of Science and Technology-Transactions of Civil Engineering	< 0.001	295/395	2020
Materiales De Construccion	< 0.001	295/395	2018
Polymers	0.006	653/1546	2017
Journal of Reinforced Plastics and Composites	0.004	746/1546	2017

Journal	Eigenfactor	Ranks	Year
Fibres & Textiles in Eastern Europe	0.001	1086/1546	2019
Silicon	< 0.001	1201/1546	2018
Materials & Design	0.059		2015
Journal of Cleaner Production	0.028		2017, 2018, 2019

Google Scholar

Journal	h5	Ranks	Year
Composites Part B-engineering	89	1/20	2019
Construction and Building Materials	94	1/20	2015, 2016, 2018, 2019, 2020
Engineering Structures	61	3/20	2019
Fibres & Textiles in Eastern Europe	16	9/20	2019
Polymers	56	10/20	2017
Journal of Reinforced Plastics and Composites	26	11/20	2017
Journal of building engineering	41	12/20	2018
Mechanical Systems and Signal Processing	83	14/20	2019
Materials & Design	101	35/40	2015
Journal of Cleaner Production	154		2017, 2018, 2019