Azher Jameel

List of Publications by Year
in descending order

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20 papers	257 citations	1039880 9 h-index	996849 15 g-index
20 all docs	20 docs citations	20 times ranked	72 citing authors

#	Article	IF	Citations
1	Modeling of contact interfaces by penalty based enriched finite element method. Mechanics of Advanced Materials and Structures, 2023, 30, 1485-1503.	1.5	4
2	Enriched element free Galerkin method for solving frictional contact between solid bodies. Mechanics of Advanced Materials and Structures, 2023, 30, 4227-4245.	1.5	4
3	Large deformation in bi-material components by XIGA and coupled FE-IGA techniques. Mechanics of Advanced Materials and Structures, 2022, 29, 850-872.	1.5	12
4	Investigation of fatigue crack growth in engineering components containing different types of material irregularities by XFEM. Mechanics of Advanced Materials and Structures, 2022, 29, 3570-3587.	1.5	13
5	Analysis of composite plates using isogeometric analysis: A discussion. Materials Today: Proceedings, 2021, 44, 1190-1194.	0.9	1
6	Effect of material irregularities on fatigue crack growth by enriched techniques. International Journal for Computational Methods in Engineering Science and Mechanics, 2020, 21, 109-133.	1.4	8
7	Modeling of embedded and edge cracks in steel alloys by XFEM. Materials Today: Proceedings, 2020, 26, 814-818.	0.9	11
8	XFEM modeling of frictional contact between elliptical inclusions and solid bodies. Materials Today: Proceedings, 2020, 26, 819-824.	0.9	8
9	Elasto-plastic large deformation analysis of bi-material components by FEM. Materials Today: Proceedings, 2020, 26, 1795-1802.	0.9	3
10	A state of art review on the modeling of Contact type Nonlinearities by Extended Finite Element method. Materials Today: Proceedings, 2019, 18, 3462-3471.	0.9	12
11	Elasto Plastic Crack Growth by XFEM: A Review. Materials Today: Proceedings, 2019, 18, 3472-3481.	0.9	13
12	Extended iso-geometric analysis for modeling three-dimensional cracks. Mechanics of Advanced Materials and Structures, 2019, 26, 915-923.	1.5	18
13	Fatigue crack growth analysis of cracked specimens by the coupled finite element-element free Galerkin method. Mechanics of Advanced Materials and Structures, 2019, 26, 1343-1356.	1.5	21
14	A coupled FE-IGA technique for modeling fatigue crack growth in engineering materials. Mechanics of Advanced Materials and Structures, 2019, 26, 1764-1775.	1.5	18
15	A coupled finite element-element free Galerkin approach for modeling frictional contact in engineering components. Materials Today: Proceedings, 2018, 5, 18745-18754.	0.9	10
16	Modeling of Nonlinear Crack Growth in Steel and Aluminum Alloys by the Element Free Galerkin Method. Materials Today: Proceedings, 2018, 5, 18805-18814.	0.9	20
17	Investigations on crack tip plastic zones by the extended iso-geometric analysis. Materials Today: Proceedings, 2018, 5, 19284-19293.	0.9	2
18	Large Elasto-Plastic Deformations in Bi-Material Components by Coupled FE-EFGM. IOP Conference Series: Materials Science and Engineering, 2017, 225, 012295.	0.3	1

#	Article	IF	Citations
19	Modeling and Numerical Simulation of Fatigue Crack Growth in Cracked Specimens Containing Material Discontinuities. Strength of Materials, 2016, 48, 294-307.	0.2	35
20	Fatigue crack growth in presence of material discontinuities by EFGM. International Journal of Fatigue, 2015, 81, 105-116.	2.8	43