

Sergio Cicero

List of Publications by Year in descending order

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143
papers

1,363
citations

361413

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h-index

454955

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145
all docs

145
docs citations

145
times ranked

552
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of notch effect in PMMA using the Theory of Critical Distances. Engineering Fracture Mechanics, 2012, 86, 56-72.	4.3	90
2	On the Point Method and the Line Method notch effect predictions in Al7075-T651. Engineering Fracture Mechanics, 2012, 79, 363-379.	4.3	64
3	Assessment of notched structural components using Failure Assessment Diagrams and the Theory of Critical Distances. Engineering Fracture Mechanics, 2011, 78, 2809-2825.	4.3	51
4	Notch effect on the fracture of several rocks: Application of the Theory of Critical Distances. Theoretical and Applied Fracture Mechanics, 2017, 90, 251-258.	4.7	51
5	Structural integrity assessment of components subjected to low constraint conditions. Engineering Fracture Mechanics, 2008, 75, 3038-3059.	4.3	47
6	Unified two-stage fatigue methodology based on a probabilistic damage model applied to structural details. Theoretical and Applied Fracture Mechanics, 2017, 92, 252-265.	4.7	42
7	Engineering approaches for the assessment of low constraint fracture conditions: A critical review. Engineering Fracture Mechanics, 2010, 77, 1360-1374.	4.3	36
8	FITNET FFS procedure: A unified European procedure for structural integrity assessment. Engineering Failure Analysis, 2009, 16, 559-577.	4.0	34
9	Analysis of notch effect on the fracture behaviour of granite and limestone: An approach from the Theory of Critical Distances. Engineering Geology, 2014, 177, 1-9.	6.3	34
10	Prediction of fracture loads in PMMA U-shaped notched specimens using the equivalent material concept and the theory of critical distances combined criterion. Fatigue and Fracture of Engineering Materials and Structures, 2018, 41, 688-699.	3.4	29
11	On the notch effect in load bearing capacity, apparent fracture toughness and fracture mechanisms of polymer PMMA, aluminium alloy Al7075-T651 and structural steels S275JR and S355J2. Engineering Failure Analysis, 2013, 29, 108-121.	4.0	28
12	Application and validation of the notch master curve in medium and high strength structural steels. Journal of Mechanical Science and Technology, 2015, 29, 4129-4142.	1.5	27
13	Notch effect and fracture load predictions of rock beams at different temperatures using the Theory of Critical Distances. International Journal of Rock Mechanics and Minings Sciences, 2020, 125, 104161.	5.8	27
14	Analysis of notch effect in the fracture behaviour of additively manufactured PLA and graphene reinforced PLA. Theoretical and Applied Fracture Mechanics, 2021, 114, 103032.	4.7	26
15	Analysis of notch effect in the apparent fracture toughness and the fracture micromechanisms of ferritic-pearlitic steels operating within their lower shelf. Engineering Failure Analysis, 2014, 36, 322-342.	4.0	25
16	Effect of fibre content and notch radius in the fracture behaviour of short glass fibre reinforced polyamide 6: An approach from the Theory of Critical Distances. Composites Part B: Engineering, 2016, 94, 299-311.	12.0	23
17	Fracture assessment of notched short glass fibre reinforced polyamide 6: An approach from failure assessment diagrams and the theory of critical distances. Composites Part B: Engineering, 2017, 111, 124-133.	12.0	23
18	Energy-based approach for fracture assessment of several rocks containing U-shaped notches through the application of the SED criterion. International Journal of Rock Mechanics and Minings Sciences, 2018, 110, 306-315.	5.8	23

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19	Assessment of notched structural steel components using failure assessment diagrams and the theory of critical distances. <i>Engineering Failure Analysis</i> , 2014, 36, 104-120.	4.0	22
20	Assessment of thermal aging embrittlement in a cast stainless steel valve and its effect on the structural integrity. <i>Nuclear Engineering and Design</i> , 2009, 239, 16-22.	1.7	20
21	Experimental analysis of differences in mechanical behaviour of cracked and notched specimens in a ferritic-pearlitic steel: Considerations about the notch effect on structural integrity. <i>Engineering Failure Analysis</i> , 2009, 16, 2450-2466.	4.0	20
22	On the influence of moisture content on the fracture behaviour of notched short glass fibre reinforced polyamide 6. <i>Composites Part B: Engineering</i> , 2019, 159, 62-71.	12.0	20
23	Failure Analysis of High Strength Galvanized Bolts Used in Steel Towers. <i>Metals</i> , 2016, 6, 163.	2.3	18
24	A Theory of Critical Distances based methodology for the analysis of environmentally assisted cracking in steels. <i>Engineering Fracture Mechanics</i> , 2019, 214, 134-148.	4.3	18
25	Assessment of local thin areas in a marine pipeline by using the FITNET FFS corrosion module. <i>International Journal of Pressure Vessels and Piping</i> , 2009, 86, 329-334.	2.6	17
26	Definition and validation of Eurocode 3 FAT classes for structural steels containing oxy-fuel, plasma and laser cut holes. <i>International Journal of Fatigue</i> , 2016, 87, 50-58.	5.7	17
27	Characterization of heat affected zones produced by thermal cutting processes by means of Small Punch tests. <i>Materials Characterization</i> , 2016, 119, 55-64.	4.4	16
28	Estimation of Fracture Loads in AL7075-T651 Notched Specimens Using the Equivalent Material Concept Combined with the Strain Energy Density Criterion and with the Theory of Critical Distances. <i>Metals</i> , 2018, 8, 87.	2.3	16
29	On the Point Method load-bearing capacity predictions in AL7075-T651 structural components containing stress risers. <i>Engineering Failure Analysis</i> , 2012, 26, 129-138.	4.0	15
30	Determination of the Paris' law constants by means of infrared thermographic techniques. <i>Polymer Testing</i> , 2014, 40, 39-45.	4.8	15
31	The Notch Master Curve: A proposal of Master Curve for ferritic-pearlitic steels in notched conditions. <i>Engineering Failure Analysis</i> , 2014, 42, 178-196.	4.0	15
32	On the assessment of U-shaped notches using Failure Assessment Diagrams and the Line Method: Experimental overview and validation. <i>Theoretical and Applied Fracture Mechanics</i> , 2015, 80, 235-241.	4.7	15
33	Experimental verification of the Fictitious Material Concept for tensile fracture in short glass fibre reinforced polyamide 6 notched specimens with variable moisture. <i>Engineering Fracture Mechanics</i> , 2019, 212, 95-105.	4.3	15
34	A Criterion for Brittle Failure of Rocks Using the Theory of Critical Distances. <i>Rock Mechanics and Rock Engineering</i> , 2016, 49, 63-77.	5.4	14
35	Some default values to estimate the critical distance and their effect on structural integrity assessments. <i>Theoretical and Applied Fracture Mechanics</i> , 2017, 90, 204-212.	4.7	14
36	Analysis of Notch Effect in 3D-Printed ABS Fracture Specimens Containing U-Notches. <i>Materials</i> , 2020, 13, 4716.	2.9	14

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37	On the analysis of the causes of cracking in a wind tower. <i>Engineering Failure Analysis</i> , 2011, 18, 1698-1710.	4.0	13
38	Fatigue behaviour of structural steels with oxy-fuel, plasma and laser cut straight edges. Definition of Eurocode 3 FAT classes. <i>Engineering Structures</i> , 2016, 111, 152-161.	5.3	13
39	Analysis of the cracking causes in an aluminium alloy bike frame. <i>Engineering Failure Analysis</i> , 2011, 18, 36-46.	4.0	12
40	Fatigue Performance of Thermally Cut Bolt Holes in Structural Steel S460M. <i>Procedia Engineering</i> , 2015, 133, 590-602.	1.2	12
41	Experimental investigations of the influence of laser beam and plasma arc cutting parameters on edge quality of high-strength low-alloy (HSLA) strips and plates. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 92, 699-713.	3.0	12
42	Using the Equivalent Material Concept and the Average Strain Energy Density to Analyse the Fracture Behaviour of Structural Materials. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1601.	2.5	11
43	Failure analysis of a bolt in a scaffolding system. <i>Engineering Failure Analysis</i> , 2008, 15, 237-246.	4.0	10
44	Definition of BS7608 fatigue classes for structural steels with thermally cut edges. <i>Journal of Constructional Steel Research</i> , 2016, 120, 221-231.	3.9	10
45	Fatigue behaviour and BS7608 fatigue classes of steels with thermally cut holes. <i>Journal of Constructional Steel Research</i> , 2017, 128, 74-83.	3.9	10
46	Failure analysis of a steam generator superheater drain tube used in a dump. <i>Engineering Failure Analysis</i> , 2010, 17, 301-312.	4.0	9
47	Application of Small Punch Techniques for the Determination of Gold Mechanical Properties. <i>Strain</i> , 2011, 47, e484.	2.4	9
48	Analysis of notch effect in load bearing capacity, apparent fracture toughness and fracture micromechanisms of ferritic-pearlitic steels. <i>Engineering Failure Analysis</i> , 2014, 44, 250-271.	4.0	9
49	Application of the Master Curve to ferritic steels in notched conditions. <i>Engineering Failure Analysis</i> , 2015, 58, 149-164.	4.0	9
50	Mechanical and Microstructural Features of Plasma Cut Edges in a 15 mm Thick S460M Steel Plate. <i>Metals</i> , 2018, 8, 447.	2.3	9
51	Coupling Finite Element Analysis and the Theory of Critical Distances to Estimate Critical Loads in Al6060-T66 Tubular Beams Containing Notches. <i>Metals</i> , 2020, 10, 1395.	2.3	9
52	Fracture mechanics testing of irradiated RPV steels by means of sub-sized specimens: FRACTESUS project. <i>Procedia Structural Integrity</i> , 2020, 28, 61-66.	0.8	9
53	Fracture analysis of strength undermatched Al-Alloy welds in edge cracked tensile panels using FITNET procedure. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2008, 31, 738-753.	3.4	8
54	On the Line Method apparent fracture toughness evaluations: Experimental overview, validation and some consequences on fracture assessments. <i>Theoretical and Applied Fracture Mechanics</i> , 2015, 78, 15-19.	4.7	8

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55	SED criterion estimations of fracture loads in structural steels operating at lower shelf temperatures and containing u-notches. Theoretical and Applied Fracture Mechanics, 2017, 90, 234-243.	4.7	8
56	Fracture Load Predictions in Additively Manufactured ABS U-Notched Specimens Using Average Strain Energy Density Criteria. Materials, 2022, 15, 2372.	2.9	8
57	The Treatment of Constraint Effects in Integrity Evaluations. , 2005, , 345.		7
58	Failure analysis of a hip implant by using the FITNET fitness for service procedure. Engineering Fracture Mechanics, 2007, 74, 688-702.	4.3	7
59	Structural integrity assessment of the cast steel upper anchorage elements used in a cable stayed bridge. Engineering Structures, 2014, 81, 309-317.	5.3	7
60	On the use of British standard 7910 option A1 failure assessment diagram to non-metallic materials. Fatigue and Fracture of Engineering Materials and Structures, 2018, 41, 146-158.	3.4	7
61	Critical Distance Default Values for Structural Steels and a Simple Formulation to Estimate the Apparent Fracture Toughness in U-Notched Conditions. Metals, 2018, 8, 871.	2.3	7
62	Critical Load Prediction in Notched E/Glass/Epoxy-Laminated Composites Using the Virtual Isotropic Material Concept Combined with the Average Strain Energy Density Criterion. Polymers, 2021, 13, 1057.	4.5	7
63	Failure analysis of a lift gear shaft: Application of the FITNET FFS procedure fatigue module. Engineering Failure Analysis, 2008, 15, 970-980.	4.0	6
64	Study of the influence of notch radii and temperature on the probability of failure: A methodology to perform a combined assessment. Fatigue and Fracture of Engineering Materials and Structures, 2019, 42, 2663-2673.	3.4	6
65	Application of the Theory of Critical Distances for the Fracture Assessment of a Notched Limestone Subjected to Different Temperatures and Mixed Mode with Predominant Mode I Loading Conditions. Rock Mechanics and Rock Engineering, 2021, 54, 2335-2354.	5.4	6
66	Estimation of the maximum allowable lack of penetration defects in circumferential butt welds of structural tubular towers. Engineering Structures, 2009, 31, 2123-2131.	5.3	5
67	Structural integrity analysis of notched ferritic steels operating within their ductile-to-brittle transition zone: An approach from Failure Assessment Diagrams and the Notch Master Curve. Engineering Failure Analysis, 2015, 58, 134-148.	4.0	5
68	Analysis of stress corrosion cracking in X80 pipeline steel: An approach from the theory of critical distances. Procedia Structural Integrity, 2018, 13, 3-10.	0.8	5
69	INCEFA-PLUS (Increasing safety in NPPs by covering gaps in environmental fatigue assessment). Procedia Structural Integrity, 2018, 13, 97-103.	0.8	5
70	Out-of-plane constraint loss in three point bend specimens with notches. International Journal of Pressure Vessels and Piping, 2020, 180, 104025.	2.6	5
71	Analysis of Samples Cleaning Methods Prior to Hydrogen Content Determination in Steel. Metals, 2020, 10, 723.	2.3	5
72	Structural integrity assessment of the welded joints of the constitution of 1812 bridge (Cádiz, Spain). Engineering Failure Analysis, 2018, 90, 518-533.	4.0	4

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73	Fracture Loads Prediction on Notched Short Glass Fibre Reinforced Polyamide 6 Using the Strain Energy Density. <i>Physical Mesomechanics</i> , 2018, 21, 165-172.	1.9	4
74	Application of the small punch test in combination with the master curve approach for the characterisation of the ductile to brittle transition region. <i>Journal of Nuclear Materials</i> , 2019, 518, 409-418.	2.7	4
75	Fracture Behavior of Two Biopolymers Containing Notches: Effects of Notch Tip Plasticity. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8445.	2.5	4
76	Extension of the Equivalent Material Concept to Compressive Loading: Combination with LEFM Criteria for Fracture Prediction of Keyhole Notched Polymeric Samples. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4138.	2.5	4
77	A Methodology to Determine the Effective Plastic Zone Size Around Blunt V-Notches under Mixed Mode I/II Loading and Plane-Stress Conditions. <i>Metals</i> , 2021, 11, 1042.	2.3	4
78	Graphene oxide does not seem to improve the fracture properties of injection molded PA6. <i>Procedia Structural Integrity</i> , 2020, 28, 67-73.	0.8	4
79	On the use of the combined FMC-ASED criterion for fracture prediction of notched specimens with nonlinear behavior. <i>Procedia Structural Integrity</i> , 2020, 28, 84-92.	0.8	4
80	Structural integrity assessment of different components of a power plant. <i>Engineering Failure Analysis</i> , 2007, 14, 301-309.	4.0	3
81	The knowledge and its application: Materials Engineering and Structural Integrity. Brief review of the Spanish case and contributions from Prof. Elices. <i>Engineering Failure Analysis</i> , 2009, 16, 2705-2720.	4.0	3
82	Environmentally Assisted Cracking Behavior of S420 and X80 Steels Containing U-notches at Two Different Cathodic Polarization Levels: An Approach from the Theory of Critical Distances. <i>Metals</i> , 2019, 9, 570.	2.3	3
83	Notch Fracture in Polymeric Specimens under Compressive Stresses: The Role of the Equivalent Material Concept in Estimating the Critical Stress of Polymers. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2104.	2.5	3
84	Effect of graphene on the fracture behaviour of 3D printed PLA SENB specimens. <i>Procedia Structural Integrity</i> , 2021, 33, 89-96.	0.8	3
85	Obtaining the J - a curves of an X-750 alloy from rising load test results and iso- a curves obtained by means of finite elements model. <i>Engineering Failure Analysis</i> , 2009, 16, 409-420.	4.0	2
86	Estimation of Fracture Toughness by Testing Notched Fracture Specimens and Applying the Theory of Critical Distances. <i>ISRN Materials Science</i> , 2012, 2012, 1-8.	1.0	2
87	Analysis of the failure of a cast iron pipe during its pressure test. <i>Engineering Failure Analysis</i> , 2013, 31, 168-178.	4.0	2
88	On the application of the theory of critical distances to the structural integrity assessment of stress risers. <i>International Journal of Structural Integrity</i> , 2013, 4, 219-239.	3.3	2
89	INCEFA-PLUS Programme Overview and Update. <i>Procedia Engineering</i> , 2016, 160, 292-299.	1.2	2
90	INCEFA-PLUS (Increasing Safety in Nuclear Power Plants by Covering Gaps in Environmental Fatigue) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5		

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91	Fracture, Fatigue, and Structural Integrity of Metallic Materials. <i>Metals</i> , 2019, 9, 913.	2.3	2
92	Environmental Fatigue Analysis of Nuclear Structural Components: Assessment Procedures, Loads, and a Case Study. <i>Metals</i> , 2020, 10, 609.	2.3	2
93	Estimation of the load-bearing capacity of tubular cantilever beams containing through-thickness circumferential U-notches. <i>Engineering Structures</i> , 2021, 229, 111598.	5.3	2
94	Dealing with the Fracture Ductile-to-Brittle Transition Zone of Ferritic Steels Containing Notches: On the Applicability of the Master Curve. <i>Metals</i> , 2021, 11, 691.	2.3	2
95	Environmental Effect on Pipeline Steels: A Fitness for Service Perspective. , 2006, , 611-612.		2
96	INCEFA-PLUS: Increasing Safety in NPPs by Covering Gaps in Environmental Fatigue Assessment. , 2019, , .		2
97	An extension of the Equivalent Material Concept applied to fracture of U-notched solids. <i>Procedia Structural Integrity</i> , 2020, 28, 752-763.	0.8	2
98	Multi-wall carbon nanotubes do not necessarily improve the fracture behaviour of the epoxy matrix. <i>Procedia Structural Integrity</i> , 2021, 33, 107-114.	0.8	2
99	Structural integrity of an X-750 jet pump beam of a BWR by means of FITNET FFS procedure. <i>Engineering Failure Analysis</i> , 2009, 16, 2130-2139.	4.0	1
100	Application of Small Punch Test for the characterization of welded joints of tubular structures. , 2010, , 465-469.		1
101	Analysis of Notch Effect in Fracture Micromechanisms. , 2012, , .		1
102	Effect of Cutting Method on Fatigue Crack Initiation and Fatigue Life of Structural Steel S355M. , 2014, , .		1
103	Structural Integrity Assessment of Notched Components Using the Master Curve Methodology and Failure Assessment Diagrams. , 2015, , .		1
104	Fatigue Behavior of High Strength Steel S890Q Containing Thermally Cut Straight Edges. <i>Procedia Engineering</i> , 2016, 160, 246-253.	1.2	1
105	INCEFA-PLUS (Increasing Safety in Nuclear Power Plants by Covering Gaps in Environmental Fatigue) Tj ETQq1 1 0.784314 rgBT /Over		
106	Analysis of environmentally assisted cracking processes in notched steels using the point method. <i>Procedia Structural Integrity</i> , 2019, 18, 3-11.	0.8	1
107	Methodology for the Structural integrity assessment of the "Constituci3n de 1812" Bridge, over the Bay of C3diz (C3diz, Spain). <i>Procedia Structural Integrity</i> , 2019, 22, 313-321.	0.8	1
108	The role of the testing rate on Small Punch tests for the estimation of fracture toughness in hydrogen embrittlement. <i>Procedia Structural Integrity</i> , 2020, 28, 188-199.	0.8	1

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109	Structural Integrity Assessment of the Welded SAE/AISI 1045 Steel for Structural Use. Journal of Materials in Civil Engineering, 2021, 33, .	2.9	1
110	Analysing the Notch Effect Within the Ductile-to-Brittle Transition Zone of S275JR Steel. , 2013, , .		1
111	INCEFA-PLUS: Increasing Safety in NPPs by Covering Gaps in Environmental Fatigue Assessment. , 2020, , .		1
112	Characterization of Mechanical Properties of a Shock Absorber Polyurethane Foam for Elevators. Numerical Fitting of Mechanical Behavior Models for Hyperelastic and Elastomeric Foam Materials. Journal of Testing and Evaluation, 2010, 38, 211-221.	0.7	1
113	ESTUDIO A FATIGA DE UNIONES SOLDADAS A TOPE. COMPARATIVA Y VALIDACION DE LAS PRINCIPALES METODOLOGIAS. Dyna (Spain), 2013, 88, 171-180.	0.2	1
114	Development of Guidance for the Assessment of Non-Sharp Defects Using the Notch Failure Assessment Diagram. , 2016, , .		1
115	Fracture Load Predictions in Short Glass Fiber Reinforced Polyamide 6 U-Notched Specimens Combining the Equivalent Material Concept and the Theory of Critical Distances. Journal of Testing and Evaluation, 2020, 48, 1226-1251.	0.7	1
116	Application of the incremental step loading technique to Small Punch Tests on S420 steel in acid environments. Procedia Structural Integrity, 2020, 28, 180-187.	0.8	1
117	Tensile-Tearing Fracture Analysis of U-Notched Spruce Samples. Materials, 2022, 15, 3661.	2.9	1
118	Considerations on fatigue stress range calculations in nuclear power plants using on-line monitoring systems and the ASME Code. Nuclear Engineering and Design, 2010, 240, 47-56.	1.7	0
119	On the Use of the Notch Master Curve for Apparent Fracture Toughness Predictions of Notched Ferritic Steels Operating Within the Ductile-to-Brittle Transition Zone. , 2015, , .		0
120	Effect of Thermal Cutting Methods on the Fatigue Life of High Strength Structural Steel S690Q. , 2015, , .		0
121	Proposal of AASHTO Fatigue Detail Categories for Structural Steels Containing Thermally Cut Edges and Cut Holes. Journal of Materials in Civil Engineering, 2016, 28, 04016154.	2.9	0
122	Validation of the Proposed R6 Method for Assessing Non-Sharp Defects. , 2017, , .		0
123	Application of the Strain Energy Density Criterion to the Estimation of Fracture Loads in Structural Steel S355J2 at Lower Shelf Temperatures. , 2017, , .		0
124	Structural Integrity Evaluation of the "Constitución de 1812 bridge" over the Cádiz bay (Cádiz, Spain). Procedia Structural Integrity, 2017, 5, 1334-1341.	0.8	0
125	Estimation of the Reference Temperature, T ₀ , by Means of the Small Punch Testing Technique. , 2018, , .		0
126	Study of Hillock and Zinc Whisker Evolution in Five Different Cable Tray Coatings. Metals, 2021, 11, 325.	2.3	0

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127	Geometry Effects on Mode I Brittle Fracture in VO-Notched PMMA Specimens. <i>Polymers</i> , 2021, 13, 3017.	4.5	0
128	Environmental Fatigue Assessment of Metallic Materials and Components. <i>Metals</i> , 2021, 11, 1565.	2.3	0
129	FITNET FFS Methodologies for the Assessment of Low Constraint Conditions: Overview, Contents and New Contributions. , 2008, , .		0
130	Structural integrity assessment of tubular structures containing weld defects. , 2010, , 449-456.		0
131	Fitness for service assessment of tubular structures using the FITNET FFS Procedure. , 2010, , 457-464.		0
132	Validation Through Finite Element Simulation of the Behaviour of a Polyurethane Shock Absorber Under In-Service and Extreme Conditions. <i>Journal of Testing and Evaluation</i> , 2011, 39, 33-38.	0.7	0
133	Structural Integrity Assessment of Notched Components. , 2011, , .		0
134	Analysis of Loss of Torque in Dental Implants Containing Gold Washers between Implant and Screw Head. <i>Journal of Testing and Evaluation</i> , 2011, 39, 103346.	0.7	0
135	A Basic Procedure for the Integrity Assessment of Structural Steels Containing Notches. , 2016, , .		0
136	Influence of Temperature on the Fracture Toughness of Several Rocks. <i>Springer Series in Geomechanics and Geoengineering</i> , 2019, , 352-359.	0.1	0
137	Analysis of Environmentally Assisted Cracking in S420 Steel by Using the Theory of Critical Distances. , 2019, , .		0
138	OPTIMISATION OF A CORROSION-PROTECTIVE COATING FOR A NEW BOAT LANDING SYSTEM USED IN OFFSHORE WIND TURBINES. <i>Dyna (Spain)</i> , 2019, 94, 620-625.	0.2	0
139	Comparison of Residual Stress Measurements on Single Bead-on-Plate Welds of a Martensitic Steel Using Neutron Diffraction. , 2020, , .		0
140	Application of the Theory of the Critical Distances based methodology for the analysis of Environmentally Assisted Cracking processes in biomaterials. <i>Procedia Structural Integrity</i> , 2020, 28, 45-52.	0.8	0
141	Assessment of notched Polyvinyl chloride (PVC) tubular beams using the Theory of Critical Distances and Finite Element analysis. <i>Procedia Structural Integrity</i> , 2021, 33, 97-106.	0.8	0
142	Some thoughts about the application of the Master Curve methodology to ferritic steels containing notches. <i>Procedia Structural Integrity</i> , 2021, 33, 84-88.	0.8	0
143	A Modified Mean Stress Criterion for Considering Size Effects on Mode I Fracture Estimation of Rounded-Tip V-Notched Polymeric Specimens. <i>Polymers</i> , 2022, 14, 1491.	4.5	0