

Sergio Cicero

List of Publications by Year in descending order

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143
papers

1,363
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361413

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docs citations

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times ranked

552
citing authors

#	ARTICLE	IF	CITATIONS
1	Fracture Load Predictions in Additively Manufactured ABS U-Notched Specimens Using Average Strain Energy Density Criteria. <i>Materials</i> , 2022, 15, 2372.	2.9	8
2	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
3	Tensile-Tearing Fracture Analysis of U-Notched Spruce Samples. <i>Materials</i> , 2022, 15, 3661.	2.9	1
4	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
5	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. <i>Rock Mechanics and Rock Engineering</i> , 2021, 54, 2335-2354.	5.4	6
6	Study of Hillock and Zinc Whisker Evolution in Five Different Cable Tray Coatings. <i>Metals</i> , 2021, 11, 325.	2.3	0
7	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
8	Critical Load Prediction in Notched E/Glass/Epoxy-Laminated Composites Using the Virtual Isotropic Material Concept Combined with the Average Strain Energy Density Criterion. <i>Polymers</i> , 2021, 13, 1057.	4.5	7
9	Structural Integrity Assessment of the Welded SAE/AISI 1045 Steel for Structural Use. <i>Journal of Materials in Civil Engineering</i> , 2021, 33, .	2.9	1
10	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
11	Extension of the Equivalent Material Concept to Compressive Loading: Combination with LEM Criteria for Fracture Prediction of Keyhole Notched Polymeric Samples. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4138.	2.5	4
12	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
13	Analysis of notch effect in the fracture behaviour of additively manufactured PLA and graphene reinforced PLA. <i>Theoretical and Applied Fracture Mechanics</i> , 2021, 114, 103032.	4.7	26
14	Geometry Effects on Mode I Brittle Fracture in VO-Notched PMMA Specimens. <i>Polymers</i> , 2021, 13, 3017.	4.5	0
15	Environmental Fatigue Assessment of Metallic Materials and Components. <i>Metals</i> , 2021, 11, 1565.	2.3	0
16	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
17	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
18	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

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19	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
20	Out-of-plane constraint loss in three point bend specimens with notches. <i>International Journal of Pressure Vessels and Piping</i> , 2020, 180, 104025.	2.6	5
21	Notch effect and fracture load predictions of rock beams at different temperatures using the Theory of Critical Distances. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2020, 125, 104161.	5.8	27
22	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
23	Fracture Behavior of Two Biopolymers Containing Notches: Effects of Notch Tip Plasticity. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8445.	2.5	4
24	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
25	Analysis of Notch Effect in 3D-Printed ABS Fracture Specimens Containing U-Notches. <i>Materials</i> , 2020, 13, 4716.	2.9	14
26	Environmental Fatigue Analysis of Nuclear Structural Components: Assessment Procedures, Loads, and a Case Study. <i>Metals</i> , 2020, 10, 609.	2.3	2
27	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
28	Analysis of Samples Cleaning Methods Prior to Hydrogen Content Determination in Steel. <i>Metals</i> , 2020, 10, 723.	2.3	5
29	INCEFA-PLUS: Increasing Safety in NPPs by Covering Gaps in Environmental Fatigue Assessment. , 2020, , .		1
30	Fracture Load Predictions in Short Glass Fiber Reinforced Polyamide 6 U-Notched Specimens Combining the Equivalent Material Concept and the Theory of Critical Distances. <i>Journal of Testing and Evaluation</i> , 2020, 48, 1226-1251.	0.7	1
31	Comparison of Residual Stress Measurements on Single Bead-on-Plate Welds of a Martensitic Steel Using Neutron Diffraction. , 2020, , .		0
32	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
33	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
34	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
35	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
36	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

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37	Application of the incremental step loading technique to Small Punch Tests on S420 steel in acid environments. <i>Procedia Structural Integrity</i> , 2020, 28, 180-187.	0.8	1
38	Study of the influence of notch radii and temperature on the probability of failure: A methodology to perform a combined assessment. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2019, 42, 2663-2673.	3.4	6
39	Fracture, Fatigue, and Structural Integrity of Metallic Materials. <i>Metals</i> , 2019, 9, 913.	2.3	2
40	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
41	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
42	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
43	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
44	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
45	Methodology for the Structural integrity assessment of the "Constituci3n de 1812" Bridge, over the Bay of C3rdiz (C3rdiz, Spain). <i>Procedia Structural Integrity</i> , 2019, 22, 313-321.	0.8	1
46	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
47	Influence of Temperature on the Fracture Toughness of Several Rocks. <i>Springer Series in Geomechanics and Geoengineering</i> , 2019, , 352-359.	0.1	0
48	INCEFA-PLUS: Increasing Safety in NPPs by Covering Gaps in Environmental Fatigue Assessment. , 2019, , .		2
49	Analysis of Environmentally Assisted Cracking in S420 Steel by Using the Theory of Critical Distances. , 2019, , .		0
50	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
51	Structural integrity assessment of the welded joints of the constitution of 1812 bridge (C3rdiz, Spain). <i>Engineering Failure Analysis</i> , 2018, 90, 518-533.	4.0	4
52	On the use of British standard 7910 option A1 failure assessment diagram to non-metallic materials. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2018, 41, 146-158.	3.4	7
53	Prediction of fracture loads in PMMA U-notched specimens using the equivalent material concept and the theory of critical distances combined criterion. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2018, 41, 688-699.	3.4	29
54	Analysis of stress corrosion cracking in X80 pipeline steel: An approach from the theory of critical distances. <i>Procedia Structural Integrity</i> , 2018, 13, 3-10.	0.8	5

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55	INCEFA-PLUS (Increasing safety in NPPs by covering gaps in environmental fatigue assessment). Procedia Structural Integrity, 2018, 13, 97-103.	0.8	5
56	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
57	Estimation of the Reference Temperature, T ₀ , by Means of the Small Punch Testing Technique. , 2018, , .		0
58	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. Metals, 2018, 8, 87.	2.3	16
59	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
60	Mechanical and Microstructural Features of Plasma Cut Edges in a 15 mm Thick S460M Steel Plate. Metals, 2018, 8, 447.	2.3	9
61	Fracture Loads Prediction on Notched Short Glass Fibre Reinforced Polyamide 6 Using the Strain Energy Density. Physical Mesomechanics, 2018, 21, 165-172.	1.9	4
62	Some default values to estimate the critical distance and their effect on structural integrity assessments. Theoretical and Applied Fracture Mechanics, 2017, 90, 204-212.	4.7	14
63	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
64	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
65	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. International Journal of Advanced Manufacturing Technology, 2017, 92, 699-713.	3.0	12
66	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
67	INCEFA-PLUS (Increasing Safety in Nuclear Power Plants by Covering Gaps in Environmental Fatigue) Tj ETQq1 1 0.784314 rgBT /Over		
68	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
69	Validation of the Proposed R6 Method for Assessing Non-Sharp Defects. , 2017, , .		0
70	Application of the Strain Energy Density Criterion to the Estimation of Fracture Loads in Structural Steel S355J2 at Lower Shelf Temperatures. , 2017, , .		0
71	Structural Integrity Evaluation of the "Constituci3n de 1812 bridge", over the C3diz bay (C3diz, Spain). Procedia Structural Integrity, 2017, 5, 1334-1341.	0.8	0
72	Fatigue behaviour and BS7608 fatigue classes of steels with thermally cut holes. Journal of Constructional Steel Research, 2017, 128, 74-83.	3.9	10

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73	Failure Analysis of High Strength Galvanized Bolts Used in Steel Towers. <i>Metals</i> , 2016, 6, 163.	2.3	18
74	Proposal of AASHTO Fatigue Detail Categories for Structural Steels Containing Thermally Cut Edges and Cut Holes. <i>Journal of Materials in Civil Engineering</i> , 2016, 28, 04016154.	2.9	0
75	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
76	Fatigue Behavior of High Strength Steel S890Q Containing Thermally Cut Straight Edges. <i>Procedia Engineering</i> , 2016, 160, 246-253.	1.2	1
77	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
78	INCEFA-PLUS Programme Overview and Update. <i>Procedia Engineering</i> , 2016, 160, 292-299.	1.2	2
79	INCEFA-PLUS (Increasing Safety in Nuclear Power Plants by Covering Gaps in Environmental Fatigue) Tj ETQq1 1 0.784314 rgBT /Overbo		
80	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. <i>Composites Part B: Engineering</i> , 2016, 94, 299-311.	12.0	23
81	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
82	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
83	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
84	Development of Guidance for the Assessment of Non-Sharp Defects Using the Notch Failure Assessment Diagram. , 2016, , .		1
85	A Basic Procedure for the Integrity Assessment of Structural Steels Containing Notches. , 2016, , .		0
86	Application of the Master Curve to ferritic steels in notched conditions. <i>Engineering Failure Analysis</i> , 2015, 58, 149-164.	4.0	9
87	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
88	Structural Integrity Assessment of Notched Components Using the Master Curve Methodology and Failure Assessment Diagrams. , 2015, , .		1
89	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
90	Effect of Thermal Cutting Methods on the Fatigue Life of High Strength Structural Steel S690Q. , 2015, , .		0

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91	Fatigue Performance of Thermally Cut Bolt Holes in Structural Steel S460M. <i>Procedia Engineering</i> , 2015, 133, 590-602.	1.2	12
92	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
93	Application and validation of the notch master curve in medium and high strength structural steels. <i>Journal of Mechanical Science and Technology</i> , 2015, 29, 4129-4142.	1.5	27
94	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. <i>Engineering Failure Analysis</i> , 2015, 58, 134-148.	4.0	5
95	Structural integrity assessment of the cast steel upper anchorage elements used in a cable stayed bridge. <i>Engineering Structures</i> , 2014, 81, 309-317.	5.3	7
96	Determination of the Paris' law constants by means of infrared thermographic techniques. <i>Polymer Testing</i> , 2014, 40, 39-45.	4.8	15
97	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
98	Analysis of notch effect in the apparent fracture toughness and the fracture micromechanisms of ferritic-pearlitic steels operating within their lower shelf. <i>Engineering Failure Analysis</i> , 2014, 36, 322-342.	4.0	25
99	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
100	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
101	Analysis of notch effect on the fracture behaviour of granite and limestone: An approach from the Theory of Critical Distances. <i>Engineering Geology</i> , 2014, 177, 1-9.	6.3	34
102	Effect of Cutting Method on Fatigue Crack Initiation and Fatigue Life of Structural Steel S355M. , 2014, , .		1
103	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
104	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. <i>Engineering Failure Analysis</i> , 2013, 29, 108-121.	4.0	28
105	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
106	Analysing the Notch Effect Within the Ductile-to-Brittle Transition Zone of S275JR Steel. , 2013, , .		1
107	ESTUDIO A FATIGA DE UNIONES SOLDADAS A TOPE. COMPARATIVA Y VALIDACION DE LAS PRINCIPALES METODOLOGIAS. <i>Dyna (Spain)</i> , 2013, 88, 171-180.	0.2	1
108	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

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109	Analysis of Notch Effect in Fracture Micromechanisms. , 2012, , .		1
110	On the Point Method load-bearing capacity predictions in Al7075-T651 structural components containing stress risers. Engineering Failure Analysis, 2012, 26, 129-138.	4.0	15
111	On the Point Method and the Line Method notch effect predictions in Al7075-T651. Engineering Fracture Mechanics, 2012, 79, 363-379.	4.3	64
112	Analysis of notch effect in PMMA using the Theory of Critical Distances. Engineering Fracture Mechanics, 2012, 86, 56-72.	4.3	90
113	Application of Small Punch Techniques for the Determination of Gold Mechanical Properties. Strain, 2011, 47, e484.	2.4	9
114	On the analysis of the causes of cracking in a wind tower. Engineering Failure Analysis, 2011, 18, 1698-1710.	4.0	13
115	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
116	Analysis of the cracking causes in an aluminium alloy bike frame. Engineering Failure Analysis, 2011, 18, 36-46.	4.0	12
117	Validation Through Finite Element Simulation of the Behaviour of a Polyurethane Shock Absorber Under In-Service and Extreme Conditions. Journal of Testing and Evaluation, 2011, 39, 33-38.	0.7	0
118	Structural Integrity Assessment of Notched Components. , 2011, , .		0
119	Analysis of Loss of Torque in Dental Implants Containing Gold Washers between Implant and Screw Head. Journal of Testing and Evaluation, 2011, 39, 1033-1046.	0.7	0
120	Application of Small Punch Test for the characterization of welded joints of tubular structures. , 2010, , 465-469.		1
121	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
122	Failure analysis of a steam generator superheater drain tube used in a dump. Engineering Failure Analysis, 2010, 17, 301-312.	4.0	9
123	Engineering approaches for the assessment of low constraint fracture conditions: A critical review. Engineering Fracture Mechanics, 2010, 77, 1360-1374.	4.3	36
124	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
125	Structural integrity assessment of tubular structures containing weld defects. , 2010, , 449-456.		0
126	Fitness for service assessment of tubular structures using the FITNET FFS Procedure. , 2010, , 457-464.		0

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127	Assessment of local thin areas in a marine pipeline by using the FITNET FFS corrosion module. International Journal of Pressure Vessels and Piping, 2009, 86, 329-334.	2.6	17
128	FITNET FFS procedure: A unified European procedure for structural integrity assessment. Engineering Failure Analysis, 2009, 16, 559-577.	4.0	34
129	Obtaining the J-R curves of an X-750 alloy from rising load test results and iso-a curves obtained by means of finite elements model. Engineering Failure Analysis, 2009, 16, 409-420.	4.0	2
130	Structural integrity of an X-750 jet pump beam of a BWR by means of FITNET FFS procedure. Engineering Failure Analysis, 2009, 16, 2130-2139.	4.0	1
131	Assessment of thermal aging embrittlement in a cast stainless steel valve and its effect on the structural integrity. Nuclear Engineering and Design, 2009, 239, 16-22.	1.7	20
132	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. Engineering Failure Analysis, 2009, 16, 2450-2466.	4.0	20
133	The knowledge and its application: Materials Engineering and Structural Integrity. Brief review of the Spanish case and contributions from Prof. Elices. Engineering Failure Analysis, 2009, 16, 2705-2720.	4.0	3
134	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
135	Failure analysis of a bolt in a scaffolding system. Engineering Failure Analysis, 2008, 15, 237-246.	4.0	10
136	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
137	Structural integrity assessment of components subjected to low constraint conditions. Engineering Fracture Mechanics, 2008, 75, 3038-3059.	4.3	47
138	Fracture analysis of strength undermatched Al alloy welds in edge cracked tensile panels using FITNET procedure. Fatigue and Fracture of Engineering Materials and Structures, 2008, 31, 738-753.	3.4	8
139	FITNET FFS Methodologies for the Assessment of Low Constraint Conditions: Overview, Contents and New Contributions. , 2008, , .		0
140	Structural integrity assessment of different components of a power plant. Engineering Failure Analysis, 2007, 14, 301-309.	4.0	3
141	Failure analysis of a hip implant by using the FITNET fitness for service procedure. Engineering Fracture Mechanics, 2007, 74, 688-702.	4.3	7
142	Environmental Effect on Pipeline Steels: A Fitness for Service Perspective. , 2006, , 611-612.		2
143	The Treatment of Constraint Effects in Integrity Evaluations. , 2005, , 345.		7