

Jacob Ress

List of Publications by Year in descending order

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papers

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citations

1039880

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docs citations

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times ranked

162
citing authors

#	ARTICLE	IF	CITATIONS
1	Stress corrosion cracking mechanism of AISI 316LN stainless steel rebars in chloride contaminated concrete pore solution using the slow strain rate technique. <i>Electrochimica Acta</i> , 2020, 335, 135565.	2.6	39
2	Microbiologically influenced corrosion of welded AISI 304 stainless steel pipe in well water. <i>Engineering Failure Analysis</i> , 2020, 116, 104734.	1.8	23
3	Corrosion Behavior of High-Mn Austenitic Fe-Mn-Al-Cr-C Steels in NaCl and NaOH Solutions. <i>Materials</i> , 2021, 14, 425.	1.3	22
4	Polyionic Complexed Antibacterial Heparin-Chitosan Particles for Antibiotic Delivery. <i>ACS Applied Bio Materials</i> , 2019, 2, 5848-5858.	2.3	16
5	Electrochemical Corrosion of Galvanized Steel in Binary Sustainable Concrete Made with Sugar Cane Bagasse Ash (SCBA) and Silica Fume (SF) Exposed to Sulfates. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2133.	1.3	16
6	Influence of chromium on the passivity of thermo-mechanically processed high-Mn TWIP steels. <i>Applied Surface Science</i> , 2020, 513, 145852.	3.1	15
7	Protection of Carbon Steel Rebars by Epoxy Coating with Smart Environmentally Friendly Microcapsules. <i>Coatings</i> , 2021, 11, 113.	1.2	14
8	Corrosion Mechanisms of High-Mn Twinning-Induced Plasticity (TWIP) Steels: A Critical Review. <i>Metals</i> , 2021, 11, 287.	1.0	13
9	Corrosion behaviour of resistance-spot-welded high-Mn austenitic TWIP steel. <i>Corrosion Engineering Science and Technology</i> , 2021, 56, 50-59.	0.7	12
10	Intergranular to Intragranular Pitting Corrosion Transition Mechanism of Sensitized AA5083 at 150 Å°C. <i>Metals</i> , 2020, 10, 1082.	1.0	9
11	Evaluation of the DOS by DL-EPR of UNSM Processed Inconel 718. <i>Metals</i> , 2020, 10, 204.	1.0	8
12	Efecto del tratamiento de sellado en el comportamiento frente a corrosión de la aleación anodizada de aluminio-litio AA2099. <i>Revista De Metalurgia</i> , 2020, 56, e180.	0.1	8
13	Effect of Thermo-Mechanical Processing on the Corrosion Behavior of Fe-30Mn-5Al-0.5C TWIP Steel. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 9104.	1.3	7
14	Failure analysis of boron steel 27MnCrB5-2 structural bolts during tightening of railcar wheel-axle. <i>Engineering Failure Analysis</i> , 2021, 124, 105333.	1.8	7
15	Influencia de la presión de cristalización y variación de volumen durante la formación de herrumbre en ambientes marino y continental-urbano: Factores críticos en la exfoliación. <i>Revista De Metalurgia</i> , 2020, 56, 164.	0.1	7
16	Revealing Austenite Stability in Fe-30Mn-5Al-0.5C Twinning-Induced Plasticity Steel Using Differential Thermal Analysis. <i>Steel Research International</i> , 2020, 91, 2000076.	1.0	3
17	Fatigue failure of ball joint heads connected to the weight holder mechanism in railway applications. <i>Engineering Failure Analysis</i> , 2021, 129, 105690.	1.8	0