

# Jacob Ress

## List of Publications by Year in descending order

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