

Anja Pfennig

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

201
citations

1307594

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h-index

1125743

13
g-index

23
all docs

23
docs citations

23
times ranked

93
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding the Anomalous Corrosion Behaviour of 17% Chromium Martensitic Stainless Steel in Laboratory CCS-Environment – A Descriptive Approach. <i>Clean Technologies</i> , 2022, 4, 239-257.	4.2	2
2	Corrosion and Corrosion Fatigue of Steels in Downhole CCS Environment – A Summary. <i>Processes</i> , 2021, 9, 594.	2.8	10
3	10 Practical Leads for Effective Implementation of Lecture Videos in an Introductory Course. , 2021, , .		1
4	Influence of geothermal environment on the corrosion fatigue behaviour of standard duplex stainless steel X2CrNiMoN22-5-3. <i>Journal of Physics: Conference Series</i> , 2019, 1425, 012183.	0.4	1
5	The Role of Surface Texture on the Corrosion Fatigue Behavior of High Alloyed Stainless Steel Exposed to Saline Aquifer Water Environment. <i>International Journal of Materials Science and Engineering</i> , 2019, 7, 26-33.	0.1	3
6	INFLUENCE OF SURFACE QUALITY ON THE CORROSION AND CORROSION FATIGUE BEHAVIOR OF HIGH ALLOYED STEELS EXPOSED TO DIFFERENT SALINE AQUIFER WATER ENVIRONMENTS. <i>MATTER International Journal of Science and Technology</i> , 2019, 5, 115-137.	0.1	1
7	CORROSION AND FATIGUE OF HEAT TREATED MARTENSITIC STAINLESS STEEL 1.4542 USED FOR GEOTHERMAL APPLICATIONS. <i>MATTER International Journal of Science and Technology</i> , 2019, 5, 138-158.	0.1	4
8	Investigation of Corrosion Fatigue of Duplex Steel X2CrNiMoN22-5 3 Exposed to a Geothermal Environment under Different Electrochemical Conditions and Load Types. <i>Energy Procedia</i> , 2017, 114, 5337-5345.	1.8	18
9	Corrosion Fatigue of 1.4542 Exposed to a Laboratory Saline Aquifer Water CCS-environment. <i>Energy Procedia</i> , 2017, 114, 5219-5228.	1.8	2
10	Unusual Corrosion Behavior of 1.4542 Exposed a Laboratory Saline Aquifer Water CCS-environment. <i>Energy Procedia</i> , 2017, 114, 5229-5240.	1.8	11
11	Potential of Martensitic Stainless Steel X5CrNiCuNb 16-4 as Pipe Steel in Corrosive CCS Environment. <i>International Journal of Environmental Science and Development</i> , 2017, 8, 466-473.	0.6	5
12	Borehole Integrity of Austenitized and Annealed Pipe Steels Suitable for Carbon Capture and Storage (CCS). <i>International Journal of Materials Mechanics and Manufacturing</i> , 2017, 5, 213-218.	0.2	3
13	First in-situ Electrochemical Measurement During Fatigue Testing of Injection Pipe Steels to Determine the Reliability of a Saline Aquifer Water CCS-site in the Northern German Basin. <i>Energy Procedia</i> , 2014, 63, 5773-5786.	1.8	12
14	Effect of heat Treatment of Injection Pipe Steels on the Reliability of a Saline Aquifer Water CCS-site in the Northern German Basin. <i>Energy Procedia</i> , 2014, 63, 5762-5772.	1.8	14
15	Effect of CO ₂ and pressure on the stability of steels with different amounts of chromium in saline water. <i>Corrosion Science</i> , 2012, 65, 441-452.	6.6	58
16	Reliability of pipe steels with different amounts of C and Cr during onshore carbon dioxide injection. <i>International Journal of Greenhouse Gas Control</i> , 2011, 5, 757-769.	4.6	48
17	Meeting diversity during the covid-19 pandemic in a fully online learning environment. , 0, , .		1
18	How flipped classroom teaching methods in first year studying succeed. , 0, , .		3

#	ARTICLE	IF	CITATIONS
19	Successfully planning and implementing peer-to-peer lecture films â€œ Making it workâ€ , 0, , .		1
20	Successfully planning and implementing peer-to-peer lecture films â€œ Making ofâ€ , 0, , .		0
21	Lessons learnt â€œ The role of peer-to-peer lecture films in a first year material science laboratory course. , 0, , .		3
22	Team Formation and Project Assignment â€™ the dilemma of assigning students to project groups. , 0, , .		0
23	Flipped classroom â€œ a solution to teach the unloved iron carbon phase diagram in first year engineering during the Covid-19 pandemic. , 0, , .		0