Anja Pfennig

List of Publications by Year
in descending order

23	201	1307594 7	1125743 13
papers	citations	h-index	g-index

23	23	23	93
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of CO2 and pressure on the stability of steels with different amounts of chromium in saline water. Corrosion Science, 2012, 65, 441-452.	6.6	58
2	Reliability of pipe steels with different amounts of C and Cr during onshore carbon dioxide injection. International Journal of Greenhouse Gas Control, 2011, 5, 757-769.	4.6	48
3	Investigation of Corrosion Fatigue of Duplex Steel X2CrNiMoN22-5 3 Exposed to a Geothermal Environment under Different Electrochemical Conditions and Load Types. Energy Procedia, 2017, 114, 5337-5345.	1.8	18
4	Effect of heat Treatment of Injection Pipe Steels on the Reliability of a Saline Aquifer Water CCS-site in the Northern German Basin. Energy Procedia, 2014, 63, 5762-5772.	1.8	14
5	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. Energy Procedia, 2014, 63, 5773-5786.	1.8	12
6	Unusual Corrosion Behavior of 1.4542 Exposed a Laboratory Saline Aquifer Water CCS-environment. Energy Procedia, 2017, 114, 5229-5240.	1.8	11
7	Corrosion and Corrosion Fatigue of Steels in Downhole CCS Environmentâ€”A Summary. Processes, 2021, 9, 594.	2.8	10
8	Potential of Martensitic Stainless Steel X5CrNiCuNb 16-4 as Pipe Steel in Corrosive CCS Environment. International Journal of Environmental Science and Development, 2017, 8, 466-473.	0.6	5
9	CORROSION AND FATIGUE OF HEAT TREATED MARTENSITIC STAINLESS STEEL 1.4542 USED FOR GEOTHERMAL APPLICATIONS. MATTER International Journal of Science and Technology, 2019, 5, 138-158.	0.1	4
10	How flipped classroom teaching methods in first year studying succeed. , 0, , .		3
11	The Role of Surface Texture on the Corrosion Fatigue Behavior of High Alloyed Stainless Steel Exposed to Saline Aquifer Water Environment. International Journal of Materials Science and Engineering, 2019, 7, 26-33.	0.1	3
12	Borehole Integrity of Austenitized and Annealed Pipe Steels Suitable for Carbon Capture and Storage (CCS). International Journal of Materials Mechanics and Manufacturing, 2017, 5, 213-218.	0.2	3
13	Lessons learnt â€“ The role of peer-to-peer lecture films in a first year material science laboratory course. , 0, , .		3
14	Corrosion Fatigue of 1.4542 Exposed to a Laboratory Saline Aquifer Water CCS-environment. Energy Procedia, 2017, 114, 5219-5228.	1.8	2
15	Understanding the Anomalous Corrosion Behaviour of 17% Chromium Martensitic Stainless Steel in Laboratory CCS-Environmentâ€”A Descriptive Approach. Clean Technologies, 2022, 4, 239-257.	4.2	2
16	Influence of geothermal environment on the corrosion fatigue behaviour of standard duplex stainless steel X2CrNiMoN22-5-3. Journal of Physics: Conference Series, 2019, 1425, 012183.	0.4	1
17	Meeting diversity during the covid-19 pandemic in a fully online learning environment. , 0, , .		1
18	INFLUENCE OF SURFACE QUALITY ON THE CORROSION AND CORROSION FATIGUE BEHAVIOR OF HIGH ALLOYED STEELS EXPOSED TO DIFFERENT SALINE AQUIFER WATER ENVIRONMENTS. MATTER International Journal of Science and Technology, 2019, 5, 115-137.	0.1	1

#	Article	IF	Citations
19	10 Practical Leads for Effective Implementation of Lecture Videos in an Introductory Course. , 2021, , .		1
20	Successfully planning and implementing peer-to-peer lecture films â€“ â€œMaking it workâ€• , 0, , .		1
21	Successfully planning and implementing peer-to-peer lecture films â€“ â€œMaking ofâ€• , 0, , .		0
22	Team Formation and Project Assignment â˜’ the dilemma of assigning students to project groups. , 0, , .		0
23	Flipped classroom â€“ a solution to teach the unloved iron carbon phase diagram in first year engineering during the Covid-19 pandemic. , 0, , .		0