P Gandhi

List of Publications by Year in descending order

25 papers	337 citations	933447 10 h-index	839539 18 g-index
25 all docs	25 docs citations	25 times ranked	199 citing authors

#	Article	IF	Citations
1	Prediction of fatigue crack initiation life in SA312 Type 304LN austenitic stainless steel straight pipes with notch. Nuclear Engineering and Technology, 2022, 54, 1588-1596.	2.3	8
2	Effect of dissimilar metal SENB specimen width and crack length on stress intensity factor. Nuclear Engineering and Technology, 2020, 52, 1579-1586.	2.3	2
3	Crack growth analysis and remaining life prediction of dissimilar metal pipe weld joint with circumferential crack under cyclic loading. Nuclear Engineering and Technology, 2020, 52, 2949-2957.	2.3	7
4	Fracture studies on carbon steel straight pipes having off-centred circumferential through-wall crack under finite compliance. International Journal of Pressure Vessels and Piping, 2020, 182, 104077.	2.6	1
5	Fatigue Crack Growth Studies on Power Plant Piping Materials under Corrosive Environment. Procedia Structural Integrity, 2019, 14, 482-490.	0.8	3
6	Fracture studies on narrow gap welded SA 312 Type 304LN stainless steel straight pipes under quasi-cyclic loading. International Journal of Pressure Vessels and Piping, 2019, 174, 32-41.	2.6	5
7	Quasi-cyclic fracture studies on stainless steel welded straight pipes with circumferential through-wall crack in the weld. International Journal of Pressure Vessels and Piping, 2017, 149, 33-42.	2.6	8
8	Fracture studies on carbon steel elbows having part-through notch with and without internal pressure. International Journal of Pressure Vessels and Piping, 2016, 138, 19-30.	2.6	1
9	Use of acoustic emission and ultrasonic techniques for monitoring crack initiation/growth during ratcheting studies on 304LN stainless steel straight pipe. International Journal of Pressure Vessels and Piping, 2014, 116, 27-36.	2.6	28
10	Experimental fracture studies on carbon steel elbows with and without internal pressure. International Journal of Pressure Vessels and Piping, 2013, 111-112, 262-268.	2.6	3
11	Ratcheting Strain Assessment in Pressurised Stainless Steel Elbows Subjected to In-plane Bending. Procedia Engineering, 2013, 55, 666-670.	1.2	7
12	Fatigue Crack Growth Behavior in Pipes and Elbows of Carbon Steel and Stainless Steel Materials. Procedia Engineering, 2013, 55, 703-709.	1.2	13
13	Cyclic Fracture, FCG and Ratcheting Studies on Type 304LN Stainless Steel Straight Pipes and Elbows. Procedia Engineering, 2013, 55, 693-698.	1.2	3
14	Ratcheting failure of pressurised straight pipes and elbows under reversed bending. International Journal of Pressure Vessels and Piping, 2013, 105-106, 79-89.	2.6	42
15	Ratcheting Studies on Type 304LN Stainless Steel Elbows subjected to Combined Internal Pressure and In-Plane Bending Moment. Journal of Pressure Vessel Technology, Transactions of the ASME, 2012, 134, .	0.6	7
16	Studies on the effect of compliance on fracture behaviour of carbon steel pipes with circumferential through-wall crack. International Journal of Pressure Vessels and Piping, 2012, 89, 67-74.	2.6	4
17	Predictions for fatigue crack growth life of cracked pipes and pipe welds using RMS SIF approach and experimental validation. International Journal of Pressure Vessels and Piping, 2011, 88, 384-394.	2.6	18
18	Fracture investigations on piping system having large through-wall circumferential crack. International Journal of Pressure Vessels and Piping, 2011, 88, 223-230.	2.6	6

#	Article	IF	Citations
19	Fatigue ratcheting studies on TP304 LN stainless steel straight pipes. Procedia Engineering, 2010, 2, 2209-2218.	1.2	26
20	Fatigue studies on carbon steel piping materials and components: Indian PHWRs. Nuclear Engineering and Design, 2008, 238, 801-813.	1.7	12
21	Crack initiation and growth behaviour of circumferentially cracked pipes under cyclic and monotonic loading. International Journal of Pressure Vessels and Piping, 2003, 80, 629-640.	2.6	33
22	Fatigue crack growth in stiffened steel tubular joints in seawater environment. Engineering Structures, 2000, 22, 1390-1401.	5.3	40
23	Fatigue Behavior of Internally Ring-Stiffened Welded Steel Tubular Joints. Journal of Structural Engineering, 2000, 126, 809-815.	3.4	24
24	Fatigue Life of Cathodically Protected Tubular Joints of Offshore Structures. Journal of Offshore Mechanics and Arctic Engineering, 1998, 120, 232-236.	1.2	0
25	Structural Efficiency of Internally Ringâ€Stiffened Steel Tubular Joints. Journal of Structural Engineering, 1992, 118, 3016-3035.	3.4	36