

V Ganesan

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

409
citations

933447

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888059

17
g-index

21
all docs

21
docs citations

21
times ranked

237
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving creep strength of 316L stainless steel by alloying with nitrogen. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2012, 535, 76-83.	5.6	107
2	Influence of nitrogen on tensile properties of 316LN SS. Materials Science and Technology, 2009, 25, 614-618.	1.6	78
3	High temperature design curves for high nitrogen grades of 316LN stainless steel. Nuclear Engineering and Design, 2010, 240, 1363-1370.	1.7	47
4	Advanced materials for structural components of Indian sodium-cooled fast reactors. International Journal of Pressure Vessels and Piping, 2016, 139-140, 123-136.	2.6	27
5	Creep strengthening of low carbon grade type 316LN stainless steel by nitrogen. Transactions of the Indian Institute of Metals, 2010, 63, 417-421.	1.5	23
6	Effect of nitrogen content on dynamic strain ageing behaviour of type 316LN austenitic stainless steel during tensile deformation. Materials at High Temperatures, 2014, 31, 162-170.	1.0	20
7	Notch creep rupture strength of 316LN SS and its variation with nitrogen content. Nuclear Engineering and Design, 2013, 254, 179-184.	1.7	19
8	Effect of Nitrogen on Evolution of Dislocation Substructure in 316LN SS During Creep. Procedia Engineering, 2013, 55, 36-40.	1.2	13
9	Time dependent design curves for a high nitrogen grade of 316LN stainless steel for fast reactor applications. Nuclear Engineering and Design, 2013, 265, 949-956.	1.7	11
10	High temperature tensile properties of 316LN stainless steel investigated using automated ball indentation technique. Materials at High Temperatures, 2019, 36, 48-57.	1.0	11
11	Influence of varying nitrogen on creep deformation and damage behaviour of type 316L in the framework of continuum damage mechanics approach. International Journal of Damage Mechanics, 2021, 30, 3-24.	4.2	11
12	Creep Behaviour of 316L(N) SS in the Presence of Notch. Procedia Engineering, 2013, 55, 534-541.	1.2	10
13	Creep Rupture Properties of Indigenously Developed 304HCu Austenitic Stainless Steel. Transactions of the Indian Institute of Metals, 2016, 69, 247-251.	1.5	9
14	Influence of Nitrogen Content on the Evolution of Creep Damage in 316 LN Stainless Steel. Procedia Engineering, 2014, 86, 58-65.	1.2	7
15	Influence of varying nitrogen on creep deformation behaviour of 316LN austenitic stainless steel in the framework of the state-variable approach. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 803, 140503.	5.6	6
16	Effect of nitrogen on tensile flow behaviour of type 316 LN austenitic stainless steel. Materials at High Temperatures, 2015, 32, 438-445.	1.0	5
17	Analyses of Small Punch Creep Deformation Behavior of 316LN Stainless Steel Having Different Nitrogen Contents. Journal of Materials Engineering and Performance, 2018, 27, 2545-2555.	2.5	2
18	Grain Size Effect on Creep Properties of 304HCu SS and Modelling of Creep Curves Using Modified Theta Projection Approach. , 2022, 7, 635-643.		2

#	ARTICLE	IF	CITATIONS
19	Role of Nitrogen Content on Interrelationship Between Creep Deformation and Damage Behaviour of 316LN SS. , 0, , 1.		1
20	Influence of Nitrogen on the Notch Sensitivity of 316LN Stainless Steel During Tensile Deformation. High Temperature Materials and Processes, 2011, 30, .	1.4	0