

# Farnoosh Forouzan

## List of Publications by Year in descending order

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16  
papers

370  
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1163117

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1058476

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docs citations

16  
times ranked

399  
citing authors

#	ARTICLE	IF	CITATIONS
1	An investigation on microstructure and mechanical properties of 316 stainless steel: a comparison between ultrasonic treatment and thermal annealing. Philosophical Magazine, 2022, 102, 1321-1343.	1.6	2
2	In-situ microstructural evolution during quenching and partitioning of a high-carbon steel by high-temperature X-Ray Diffraction. Materials Today Communications, 2022, 31, 103503.	1.9	5
3	Microstructure and Mechanical Properties of Laser-Welded DP Steels Used in the Automotive Industry. Materials, 2021, 14, 456.	2.9	16
4	Post-treatment of additively manufactured Fe-Cr-Ni stainless steels by high pressure torsion: TRIP effect. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 811, 141086.	5.6	22
5	Internal stress relief and microstructural evolution by ultrasonic treatment of austeno-ferritic 2205 duplex stainless steel. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 815, 141290.	5.6	14
6	Microstructural Evolutions under Ultrasonic Treatment in 304 and 316 Austenitic Stainless Steels: Impact of Stacking Fault Energy. Steel Research International, 2021, 92, 2100041.	1.8	11
7	Softening mechanisms in ultrasonic treatment of deformed austenitic stainless steel. Ultrasonics, 2021, 116, 106519.	3.9	7
8	Microstructural Characterization and Mechanical Properties of L-PBF Processed 316 L at Cryogenic Temperature. Materials, 2021, 14, 5856.	2.9	5
9	Process control maps to design an ultra-high strength-ductile steel. Materials Science and Technology, 2019, 35, 1173-1184.	1.6	5
10	Optimization of Quenching Temperature to Minimize the Micro Segregation Induced Banding Phenomena in Quenching and Partitioning (Q&P) Steels. Steel Research International, 2019, 90, 1800281.	1.8	8
11	Effect of Carbon Partitioning, Carbide Precipitation, and Grain Size on Brittle Fracture of Ultra-High-Strength, Low-Carbon Steel after Welding by a Quenching and Partitioning Process. Metals, 2018, 8, 747.	2.3	6
12	Post weld-treatment of laser welded AHSS by application of quenching and partitioning technique. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2017, 698, 174-182.	5.6	15
13	Production of nano/submicron grained AISI 304L stainless steel through the martensite reversion process. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2010, 527, 7334-7339.	5.6	114
14	The effect of cold rolling regime on microstructure and mechanical properties of AISI 304L stainless steel. Journal of Materials Processing Technology, 2010, 210, 1017-1022.	6.3	138
15	Effect of Tempering on Microstructure and Mechanical Properties of Laser Welded and Post-Weld Treated AHSS Specimens. Materials Science Forum, 0, 891, 18-24.	0.3	0
16	Microstructure Analysis and Mechanical Properties of Low Alloy High Strength Quenched and Partitioned Steel. Solid State Phenomena, 0, 258, 574-578.	0.3	2