

# Meysam Naghizadeh

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

748  
citations

933447

10  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

437  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tailoring the microstructure and mechanical properties of AISI 316L austenitic stainless steel via cold rolling and reversion annealing. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 759, 90-96.	5.6	127
2	Deformation-induced martensite in austenitic stainless steels: A review. <i>Archives of Civil and Mechanical Engineering</i> , 2020, 20, 1.	3.8	127
3	Effects of Grain Size on Mechanical Properties and Work-Hardening Behavior of AISI 304 Austenitic Stainless Steel. <i>Steel Research International</i> , 2019, 90, 1900153.	1.8	101
4	Thermal Mechanisms of Grain Refinement in Steels: A Review. <i>Metals and Materials International</i> , 2021, 27, 2078.	3.4	96
5	Microstructural Evolutions During Annealing of Plastically Deformed AISI 304 Austenitic Stainless Steel: Martensite Reversion, Grain Refinement, Recrystallization, and Grain Growth. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2016, 47, 4210-4216.	2.2	89
6	Microstructural Evolutions During Reversion Annealing of Cold-Rolled AISI 316 Austenitic Stainless Steel. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2018, 49, 2248-2256.	2.2	68
7	Modeling the kinetics of deformation-induced martensitic transformation in AISI 316 metastable austenitic stainless steel. <i>Vacuum</i> , 2018, 157, 243-248.	3.5	58
8	Elucidating the Effect of Alloying Elements on the Behavior of Austenitic Stainless Steels at Elevated Temperatures. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2016, 47, 5698-5703.	2.2	42
9	Processing of fine grained AISI 304L austenitic stainless steel by cold rolling and high-temperature short-term annealing. <i>Materials Research Express</i> , 2018, 5, 056529.	1.6	19
10	Elucidating the Effect of TiB <sub>2</sub> Volume Percentage on the Mechanical Properties and Corrosion Behavior of Al <sub>5</sub> O <sub>8</sub> 3-TiB <sub>2</sub> Composites. <i>Journal of Materials Engineering and Performance</i> , 2019, 28, 6912-6920.	2.5	10
11	Phase Transformation Kinetics During Annealing of Cold-Rolled AISI 309Si Stainless Steel. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2020, 51, 1955-1959.	2.2	9
12	Two-step annealing treatment for grain refinement of cold-worked AISI 316L stainless steel. <i>International Journal of Materials Research</i> , 2020, 111, 676-680.	0.3	2