

Jana Ptáčinová

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

223
citations

1163117

8
h-index

996975

15
g-index

20
all docs

20
docs citations

20
times ranked

119
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of boronized layers on Vanadis 6 tool steel. Surface Engineering, 2021, 37, 445-454.	2.2	12
2	Investigation of the Microstructure and Mechanical Characteristics of Disk Laser-Welded Ti-6Al-4V Alloy Joints. Journal of Materials Engineering and Performance, 2020, 29, 593-606.	2.5	5
3	Microstructural Characterization of Ledeburitic Tool Steel after Sub-Zero Treatment and Tempering. Defect and Diffusion Forum, 2020, 403, 103-109.	0.4	0
4	Changes in microstructure of ledeburitic tool steel due to vacuum austenitizing and quenching, sub-zero treatments at $\sim 140^{\circ}\text{C}$ and tempering. Vacuum, 2019, 170, 108977.	3.5	21
5	Influence of sub-zero treatment in liquid helium and tempering on the microstructure of tool steel vanadis 6. , 2019, , .		1
6	Investigation of the Microstructural Changes and Hardness Variations of Sub-Zero Treated Cr-V Ledeburitic Tool Steel Due to the Tempering Treatment. Journal of Materials Engineering and Performance, 2018, 27, 1514-1529.	2.5	17
7	Microstructure and Hardness of Cold Work Vanadis 6 Steel after Subzero Treatment at $\sim 140^{\circ}\text{C}$. Advances in Materials Science and Engineering, 2018, 2018, 1-7.	1.8	7
8	Metallurgical principles of microstructure formation in sub-zero treated cold-work tool steelsâ€™â€™â€™a review. Materiaux Et Techniques, 2018, 106, 104.	0.9	12
9	Microstructural Evaluation of Tool Steel Vanadis 6 after Sub-Zero Treatment at -140°C without Tempering. Manufacturing Technology, 2018, 18, 222-226.	1.4	3
10	Microstructure â€™ Toughness relationships in sub-zero treated and tempered Vanadis 6 steel compared to conventional treatment. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2017, 702, 241-258.	5.6	28
11	Characterization of microstructure and tempering response of conventionally quenched, short- and long-time sub-zero treated PM Vanadis 6 ledeburitic tool steel. Materials Characterization, 2017, 134, 398-415.	4.4	40
12	Fracture toughness of ledeburitic Vanadis 6 steel after sub-zero treatment for 17 h and double tempering. Materiali in Tehnologije, 2017, 51, 729-733.	0.5	6
13	Oxidation stability of boride coatings. Metallic Materials, 2016, 53, 175-186.	0.3	7
14	Identification of Carbides in Sub-Zero Treated Vanadis 6 Ledeburitic Steel. Key Engineering Materials, 2015, 647, 9-16.	0.4	1
15	Microstructure and hardness of sub-zero treated and no tempered P/M Vanadis 6 ledeburitic tool steel. Vacuum, 2015, 111, 92-101.	3.5	46
16	Long-term Sub-zero Treatment of P/M Vanadis 6 Ledeburitic Tool Steel - a Preliminary Study. Manufacturing Technology, 2015, 15, 41-47.	1.4	14
17	Interaction of Cr ₂ N and Cr ₂ N/Ag thin films with CuZn-brass counterpart during ball-on-disc testing. Materiali in Tehnologije, 2015, 49, 429-433.	0.5	1
18	Microstructure of Cr₂N-11Ag Nanocomposite Thin Film Deposited on Vanadis 6 Tool Steel. Key Engineering Materials, 0, 647, 121-128.	0.4	2

#	ARTICLE	IF	CITATIONS
19	Fracture Micromechanism of Cryogenically Processed Vanadis 6 Tool Steel. Defect and Diffusion Forum, 0, 395, 45-54.	0.4	0