

David Kokalj

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3679445/publications.pdf>

Version: 2024-02-01

19
papers

173
citations

1039406

9
h-index

1199166

12
g-index

19
all docs

19
docs citations

19
times ranked

117
citing authors

#	ARTICLE	IF	CITATIONS
1	Low Cycle Fatigue Performance of Additively Processed and Heat-Treated Ti-6Al-7Nb Alloy for Biomedical Applications. <i>Metals</i> , 2022, 12, 122.	1.0	11
2	On the synthesis and structural evolution of artificial CrN/TiN nanocomposites. <i>Applied Surface Science</i> , 2021, 535, 147736.	3.1	8
3	Influence of the PVD process conditions on the incorporation of TiN nanoparticles into magnetron sputtered CrN thin films. <i>Surface and Coatings Technology</i> , 2021, 409, 126935.	2.2	4
4	Impact of structure on mechanical properties and oxidation behavior of magnetron sputtered cubic and hexagonal MoN _x thin films. <i>Applied Surface Science Advances</i> , 2021, 5, 100119.	2.9	4
5	Bias-voltage effect on the TiN nanoparticle injection into magnetron sputtered CrN thin films towards nc-TiN/nc-CrN composites. <i>Applied Surface Science Advances</i> , 2021, 6, 100149.	2.9	3
6	Aerosol synthesis of titanium nitride nanoparticles by direct current arc discharge method. <i>Advanced Powder Technology</i> , 2020, 31, 4119-4128.	2.0	10
7	Controlling the Structural, Mechanical and Frictional Properties of MoS _x Coatings by High-Power Impulse Magnetron Sputtering. <i>Coatings</i> , 2020, 10, 755.	1.2	6
8	Effects of AlN and BCN Thin Film Multilayer Design on the Reaction Time of Ni/Ni-20Cr Thin Film Thermocouples on Thermally Sprayed Al ₂ O ₃ . <i>Sensors</i> , 2019, 19, 3414.	2.1	5
9	Resonant Raman scattering characterization of thermally annealed HiPIMS deposited MoS coatings. <i>Surface and Coatings Technology</i> , 2019, 377, 124891.	2.2	10
10	Temperature-Induced Formation of Lubricous Oxides in Vanadium Containing Iron-Based Arc Sprayed Coatings. <i>Coatings</i> , 2019, 9, 18.	1.2	7
11	Combination of an atmospheric pressured arc reactor and a magnetron sputter device for the synthesis of novel nanostructured thin films. <i>Thin Solid Films</i> , 2019, 689, 137528.	0.8	5
12	Combining Thermal Spraying and Magnetron Sputtering for the Development of Ni/Ni-20Cr Thin Film Thermocouples for Plastic Flat Film Extrusion Processes. <i>Coatings</i> , 2019, 9, 603.	1.2	1
13	Influence of the deposition parameters on the texture and mechanical properties of magnetron sputtered cubic MoN _x thin films. <i>Materialia</i> , 2019, 5, 100186.	1.3	15
14	Optimization of the deposition parameters of Ni-20Cr thin films on thermally sprayed Al ₂ O ₃ for sensor application. <i>Surface and Coatings Technology</i> , 2018, 344, 223-232.	2.2	15
15	Investigation on the oxidation behavior of AlCrVxN thin films by means of synchrotron radiation and influence on the high temperature friction. <i>Applied Surface Science</i> , 2018, 427, 511-521.	3.1	22
16	Influence of Cr-Content on the thermoelectric and mechanical properties of NiCr thin film thermocouples synthesized on thermally sprayed Al ₂ O ₃ . <i>Thin Solid Films</i> , 2018, 663, 148-158.	0.8	9
17	A Study on the Tribological Behavior of Vanadium-Doped Arc Sprayed Coatings. <i>Journal of Thermal Spray Technology</i> , 2017, 26, 503-516.	1.6	6
18	Embedment of eutectic tungsten carbides in arc sprayed steel coatings. <i>Surface and Coatings Technology</i> , 2017, 331, 153-162.	2.2	13

#	ARTICLE	IF	CITATIONS
19	Investigation of the influence of the vanadium content on the high temperature tribo-mechanical properties of DC magnetron sputtered AlCrVN thin films. Surface and Coatings Technology, 2017, 328, 172-181.	2.2	19