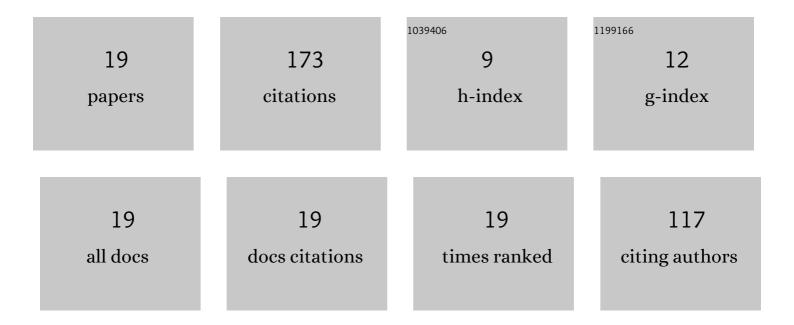
David Kokalj

List of Publications by Year in descending order

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ΠΑΝΙΟ ΚΟΚΑΙΙ

#	Article	IF	CITATIONS
1	Low Cycle Fatigue Performance of Additively Processed and Heat-Treated Ti-6Al-7Nb Alloy for Biomedical Applications. Metals, 2022, 12, 122.	1.0	11
2	On the synthesis and structural evolution of artificial CrN/TiN nanocomposites. Applied Surface Science, 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. Surface and Coatings Technology, 2021, 409, 126935.	2.2	4
4	Impact of structure on mechanical properties and oxidation behavior of magnetron sputtered cubic and hexagonal MoNx thin films. Applied Surface Science Advances, 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. Applied Surface Science Advances, 2021, 6, 100149.	2.9	3
6	Aerosol synthesis of titanium nitride nanoparticles by direct current arc discharge method. Advanced Powder Technology, 2020, 31, 4119-4128.	2.0	10
7	Controlling the Structural, Mechanical and Frictional Properties of MoSx Coatings by High-Power Impulse Magnetron Sputtering. Coatings, 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 Al2O3. Sensors, 2019, 19, 3414.	2.1	5
9	Resonant Raman scattering characterization of thermally annealed HiPIMS deposited MoS coatings. Surface and Coatings Technology, 2019, 377, 124891.	2.2	10
10	Temperature-Induced Formation of Lubricous Oxides in Vanadium Containing Iron-Based Arc Sprayed Coatings. Coatings, 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. Thin Solid Films, 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. Coatings, 2019, 9, 603.	1.2	1
13	Influence of the deposition parameters on the texture and mechanical properties of magnetron sputtered cubic MoNx thin films. Materialia, 2019, 5, 100186.	1.3	15
14	Optimization of the deposition parameters of Ni-20Cr thin films on thermally sprayed Al2O3 for sensor application. Surface and Coatings Technology, 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. Applied Surface Science, 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 Al2O3. Thin Solid Films, 2018, 663, 148-158.	0.8	9
17	A Study on the Tribological Behavior of Vanadium-Doped Arc Sprayed Coatings. Journal of Thermal Spray Technology, 2017, 26, 503-516.	1.6	6
18	Embedment of eutectic tungsten carbides in arc sprayed steel coatings. Surface and Coatings Technology, 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