Suzana M PetroviÄ

List of Publications by Year
in descending order

25	204	1163117 8	1058476 14
papers	citations	h-index	g-index

25	25	25	250
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Femtosecond laser-induced periodic surface structure on the Ti-based nanolayered thin films. Journal of Applied Physics, 2013, 114, .	2.5	30
2	Formation of intermetallic phase in Ni/Ti multilayer structure by ion implantation and thermal annealing. Intermetallics, 2012, 25, 27-33.	3.9	28
3	Titanium alloy surface modification by excimer laser irradiation. Optics and Laser Technology, 2013, 54, 419-427.	4.6	25
4	Surface nanopatterning of Al/Ti multilayer thin films and Al single layer by a low-fluence UV femtosecond laser beam. Applied Surface Science, 2015, 326, 91-98.	6.1	22
5	Electrical and Optical Characteristics of Ta2O5 Thin Films Deposited by Electron-Beam Vapor Deposition. Plasma Processes and Polymers, 2006, 3, 174-178.	3.0	19
6	Laser-induced surface alloying in nanosized Ni/Ti multilayer structures. Applied Surface Science, 2013, 264, 273-279.	6.1	17
7	Laser-induced surface oxidation of (Ni/Ti)/Si system with picosecond laser pulses. Materials Chemistry and Physics, 2014, 143, 530-535.	4.0	8
8	Composition and structure of NiAu nanoparticles formed by laser ablation of Ni target in Au colloidal solution. Materials Chemistry and Physics, 2015, 166, 223-232.	4.0	8
9	Surface modification of W-Ti coatings induced by TEA CO2 laser beam. Laser and Particle Beams, 2001, 19, 195-199.	1.0	7
10	Design of co-existence parallel periodic surface structure induced by picosecond laser pulses on the Al/Ti multilayers. Journal of Applied Physics, 2017, 122, .	2.5	6
11	Laser-Assisted Surface Texturing of Ti/Zr Multilayers for Mesenchymal Stem Cell Response. Coatings, 2019, 9, 854.	2.6	6
12	Response of NIH 3T3 Fibroblast Cells on Laser-Induced Periodic Surface Structures on a 15Ã—(Ti/Zr)/Si Multilayer System. Nanomaterials, 2020, 10, 2531.	4.1	5
13	Molding Wetting by Laser-Induced Nanostructures. Applied Sciences (Switzerland), 2020, 10, 6008.	2.5	4
14	Structure and morphology of nano-sized W-Ti/Si thin films. Journal of the Serbian Chemical Society, 2006, 71, 969-976.	0.8	4
15	Effects of static and dynamic femtosecond laser modifications of Ti/Zr multilayer thin films. European Physical Journal D, 2021, 75, 1.	1.3	4
16	Inducing subwavelength periodic nanostructures on multilayer NiPd thin film by low-fluence femtosecond laser beam. Applied Surface Science, 2017, 417, 155-159.	6.1	3
17	Inducing LIPSS on multilayer thin metal films by femtosecond laser beam of different orientations. Optical and Quantum Electronics, 2020, 52, 1.	3.3	3
18	Oxidation behaviour of composite CrN/(Cr,V)N coatings with different contents of vanadium induced by UV nanosecond laser pulses. Optical and Quantum Electronics, 2018, 50, 1.	3.3	2

#	Article	IF	Citations
19	Laser treatment of nanocomposite Ni/Ti multilayer thin films in air. Surface and Coatings Technology, 2012, 211, 93-97.	4.8	1
20	Evaluation of the composition and morphology of a WTi/Si system processed by a picosecond laser. Metals and Materials International, 2012, 18, 457-463.	3.4	1
21	Synthesis of ultra-thin oxide layer in laser-treated 3Ã—Â(Al/Fe)/Si multilayer structure. Journal of Materials Science, 2014, 49, 7900-7907.	3.7	1
22	Effects of the pulse duration in laser modification of nano-sized WTi film on Si substrate. Journal of Optics (United Kingdom), 2010, 12, 075602.	2.2	0
23	Laser-induced structural and composition modification of multilayered Ni/Ti thin film in air and liquids. Laser Physics, 2013, 23, 026004.	1.2	0
24	Laser induced mixing in multilayered Ti/Ta thin film structures. Optical and Quantum Electronics, 2018, 50, 1.	3.3	0
25	FORMATION OF MICROSTRUCTURES AND OXIDES ON STRUCTURAL STEEL BY NANOSECOND LASER IRRADIATION. High Temperature Material Processes, 2014, 18, 197-203.	0.6	0