

Elena A Lukina

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

126
citations

1684188

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1720034

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g-index

8
all docs

8
docs citations

8
times ranked

179
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal concentrations in the blood and tissues after implantation of titanium growth guidance sliding instrumentation. <i>Spine Journal</i> , 2016, 16, 380-388.	1.3	35
2	Impact of material structure on the fatigue behaviour of NiTi leading to a modified Coffin-Manson equation. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2013, 585, 356-362.	5.6	34
3	Fretting corrosion behavior of nitinol spinal rods in conjunction with titanium pedicle screws. <i>Materials Science and Engineering C</i> , 2017, 72, 601-610.	7.3	19
4	Analysis of Retrieved Growth Guidance Sliding LSZ-4D Devices for Early Onset Scoliosis and Investigation of the Use of Nitinol Rods for This System. <i>Spine</i> , 2015, 40, 17-24.	2.0	17
5	The influence of TiN and DLC deposition on the wear resistance of Nitinol-Ti6Al4V combination for the medical application. <i>Materials Today: Proceedings</i> , 2017, 4, 4675-4679.	1.8	9
6	Effect of the phase composition and structure of titanium alloys on their interaction with nitrogen during low-temperature ion nitriding. <i>Russian Metallurgy (Metally)</i> , 2006, 2006, 400-405.	0.5	7
7	Influence of the Structure on the Strain-Controlled Fatigue of Nitinol. <i>Materials Science Forum</i> , 0, 738-739, 316-320.	0.3	4
8	Effect of vacuum ion-plasma treatment on the electrochemical corrosion characteristics of titanium-alloy implants. <i>Russian Metallurgy (Metally)</i> , 2007, 2007, 423-427.	0.5	1