

Łukasz Szymański

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

138
citations

1307366

7
h-index

1199470

12
g-index

23
all docs

23
docs citations

23
times ranked

205
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal plasma vitrification process as an effective technology for fly ash and chromium-rich sewage sludge utilization. <i>Journal of Chemical Technology and Biotechnology</i> , 2014, 89, 1115-1117.	1.6	26
2	Influence of Plasma Jet Temperature Profiles in Arc Discharge Methods of Carbon Nanotubes Synthesis. <i>Nanomaterials</i> , 2017, 7, 50.	1.9	17
3	Synthesis of Carbon Nanotubes in Thermal Plasma Reactor at Atmospheric Pressure. <i>Nanomaterials</i> , 2017, 7, 45.	1.9	16
4	Carbon nanotubes functionalized with folic acid attached via biomimetic peptide linker. <i>Nanomedicine</i> , 2017, 12, 2161-2182.	1.7	15
5	LTE plasma reactors for materials conversion. <i>EPJ Applied Physics</i> , 2013, 61, 24314.	0.3	14
6	Coloured sintered glass-ceramics from hospital incineration fly ash. <i>Materials Letters</i> , 2019, 252, 35-37.	1.3	10
7	Search for New Aggregable Fragments of Human Insulin. <i>Molecules</i> , 2019, 24, 1600.	1.7	10
8	Synthesis of functionalized carbon nanotubes for fluorescent biosensors. <i>Nanotechnology Reviews</i> , 2020, 9, 1237-1244.	2.6	7
9	Copper as detecting element in mineral arc temperature measurements. <i>European Physical Journal D</i> , 2006, 56, B1326-B1332.	0.4	6
10	Influence of Contaminants on Arc Properties during Treatment of Polluted Soils in Electric Arc Plasma. <i>Journal of Advanced Oxidation Technologies</i> , 2012, 15, .	0.5	4
11	Plasma recycling of chloroorganic wastes. <i>Open Chemistry</i> , 2014, 13, .	1.0	4
12	Induction heating process of ferromagnetic filled carbon nanotubes based on 3-D model. <i>Open Physics</i> , 2017, 15, 1061-1066.	0.8	4
13	Decomposition of mineral wastes treated by an immersed electrode arc. <i>European Physical Journal D</i> , 2006, 56, B1231-B1236.	0.4	2
14	Screening of Self-Assembling of Collagen IV Fragments into Stable Structures Potentially Useful in Regenerative Medicine. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13584.	1.8	2
15	Arc Plasma for Materials Detoxification and their Conversion. <i>Journal of Advanced Oxidation Technologies</i> , 2010, 13, .	0.5	1
16	Influence of mineral components on electric arc plasma parameters. , 2009, , .		0
17	CNTs synthesis on steel strip a in microwave plasma reactor for medical application. , 2015, , .		0
18	Ferromagnetic nanoparticles synthesis in local thermodynamic equilibrium conditions. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
19	Multiwalled carbon nanotube based supercapacitors – Numerical approach. , 2017, , .		0
20	Computer models of nanotubes with ferromagnetic filler used in induction heating process. , 2017, , .		0
21	Numerical modelling of multiwalled carbon nanotube based supercapacitors. International Journal of Applied Electromagnetics and Mechanics, 2018, 57, 201-207.	0.3	0
22	Microcontroller system for carbon nanotubes synthesis reactor. , 2019, , .		0
23	Examination of the Effect of RF Field on Fe-MWCNTs and Their Application in Medicine. Electronics (Switzerland), 2022, 11, 2099.	1.8	0