

Krzysztof Smã³Å,ka

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6249623/publications.pdf>

Version: 2024-02-01

28
papers

112
citations

1478280

6
h-index

1372474

10
g-index

28
all docs

28
docs citations

28
times ranked

87
citing authors

#	ARTICLE	IF	CITATIONS
1	Stress Reduction Using Bilateral Stimulation in Virtual Reality. IEEE Access, 2020, 8, 200351-200366.	2.6	24
2	Detection of Mental Stress through EEG Signal in Virtual Reality Environment. Electronics (Switzerland), 2021, 10, 2840.	1.8	17
3	Computer models of 3D magnetic microfibrils used in textile actuators. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2010, 29, 1159-1171.	0.5	10
4	Numerical modeling of 3D comb drive electrostatic accelerometers structure (method of levitation) and Electronic Engineering, 2009, 28, 593-602.	0.5	9
5	Three-dimensional computer models of electrospinning systems. Open Physics, 2017, 15, 777-789.	0.8	9
6	Modeling of Ozonation of Reactive Black 5 Through a Kinetic Approach. Fibres and Textiles in Eastern Europe, 2017, 25, 54-60.	0.2	7
7	Analysis of the electrostatic field distribution to improve the electrospinning process. Practical tips. Journal of Computational Science, 2022, 59, 101542.	1.5	6
8	3-dimensional computer model of electrospinning multicapillary unit used for electrostatic field analysis. Open Physics, 2017, 15, 1049-1054.	0.8	5
9	Modelling and Optimisation of Intelligent Electrostatic Comb Accelerometer. , 2005, , 99-104.		4
10	Induction heating process of ferromagnetic filled carbon nanotubes based on 3-D model. Open Physics, 2017, 15, 1061-1066.	0.8	4
11	Efficiency Analysis of Fractional KiloWatt Reluctance Motors with Various Frame Sizes, Taking into Account the Impact of the Punching Process. Energies, 2020, 13, 357.	1.6	4
12	Numerical modeling of 3D intelligent comb drive accelerometer structure. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2006, 25, 697-704.	0.5	3
13	Computer model of 3-D magnetic micro fibres used in textile actuators. , 2008, , .		3
14	Magnetic microfibrils modelling methods. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2010, 29, 950-956.	0.5	2
15	Comparison of the Design of 3-Pole BLDC Actuators/Motors with a Rotor Based on a Single Permanent Magnet. Sensors, 2022, 22, 3759.	2.1	2
16	Integrated Computer Models of 3-D Comb Drive Electrostatic MEMS Structures. Studies in Computational Intelligence, 2010, , 1-18.	0.7	1
17	Dynamics of the line-start reluctance motor with SMC rotor. , 2017, , .		1
18	Improving electrospinning process by numerical analysis of 3-D computer models. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2019, 38, 1098-1110.	0.5	1

#	ARTICLE	IF	CITATIONS
19	Complex mathematical models of comb drive accelerometers. , 2007, , .		0
20	Hybrid numerical method for effective design of silicon micromotor. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2013, 32, 1203-1210.	0.5	0
21	Innovative strategy for designing rotating actuators “ motors case study. International Journal of Applied Electromagnetics and Mechanics, 2014, 46, 409-417.	0.3	0
22	Multiwalled carbon nanotube based supercapacitors “ Numerical approach. , 2017, , .		0
23	Electrostatic field analysis on the basis of 3-D computer model of multicapillary stand for electrospinning. , 2017, , .		0
24	Computer models of nanotubes with ferromagnetic filler used in induction heating process. , 2017, , .		0
25	Comparative study of electrospinning systems using 3-D computer models. , 2017, , .		0
26	Dynamics of the line-start reluctance motor with rotor made of SMC material. Open Physics, 2017, 15, 833-838.	0.8	0
27	Numerical modelling of multiwalled carbon nanotube based supercapacitors. International Journal of Applied Electromagnetics and Mechanics, 2018, 57, 201-207.	0.3	0
28	Examination of the Effect of RF Field on Fe-MWCNTs and Their Application in Medicine. Electronics (Switzerland), 2022, 11, 2099.	1.8	0