

Umapathy Mangalanathan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12083945/publications.pdf>

Version: 2024-02-01

9
papers

102
citations

1684188
5
h-index

1588992
8
g-index

9
all docs

9
docs citations

9
times ranked

102
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation on the effect of Womersley number, ECG and PPG features for cuff less blood pressure estimation using machine learning. <i>Biomedical Signal Processing and Control</i> , 2020, 60, 101942.	5.7	57
2	Noninvasive cuffless blood pressure estimation using pulse transit time, Womersley number, and photoplethysmogram intensity ratio. <i>Physiological Measurement</i> , 2019, 40, 075001.	2.1	16
3	Bridgeless active rectifier for piezoelectric energy harvesting. <i>IET Circuits, Devices and Systems</i> , 2019, 13, 1078-1085.	1.4	9
4	Measurement of diesel exhaust fluid concentration in urea-SCR after-treatment system. <i>International Journal of Precision Engineering and Manufacturing</i> , 2017, 18, 1085-1092.	2.2	6
5	Effect of magnetic ion substitution on the structure and temperature-dependent magnetic properties of strontium hexaferrite. <i>Materials Technology</i> , 2021, 36, 36-45.	3.0	6
6	Analysis of fractional order inductive transducers. <i>European Physical Journal: Special Topics</i> , 2017, 226, 3851-3873.	2.6	3
7	A study on optical characteristics and quality monitoring of diesel exhaust fluid. <i>Optik</i> , 2018, 155, 31-35.	2.9	3
8	Electrical Conductivity Based Quality Measurement of Diesel Exhaust Fluid. <i>Journal of Analytical Chemistry</i> , 2018, 73, 1128-1135.	0.9	2
9	A three-port integrated DC-DC converter for piezoelectric energy harvesting. <i>Ferroelectrics</i> , 2021, 583, 212-229.	0.6	0