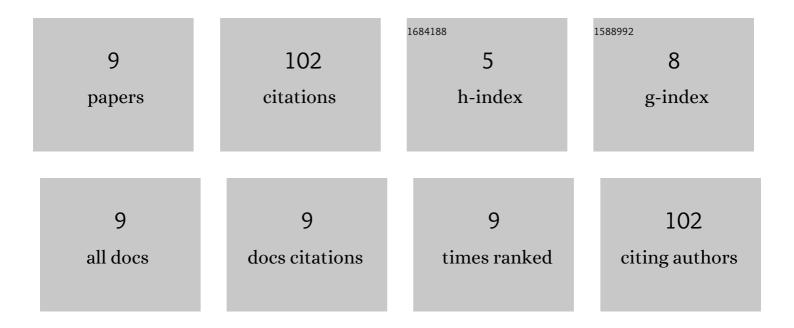
Umapathy Mangalanathan

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/12083945/publications.pdf Version: 2024-02-01



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