

Bhaskar Mohan Murari

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

504
citations

1306789

7
h-index

1199166

12
g-index

19
all docs

19
docs citations

19
times ranked

627
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Specular Endothelium Image Analysis with DEM Algorithm. , 2021, , . | | 0 |
| 2 | Structural Analysis to Evaluate the Design of a Synthetic Mitral Valve Prosthesis. , 2019, , . | | 0 |
| 3 | Comparison of turn-on and ratiometric fluorescent G-quadruplex aptasensor approaches for the detection of ATP. Analytical and Bioanalytical Chemistry, 2019, 411, 1319-1330. | 1.9 | 17 |
| 4 | Levenbergâ€“Marquardt-Based Non-Invasive Blood Glucose Measurement System. IETE Journal of Research, 2018, 64, 116-123. | 1.8 | 7 |
| 5 | Label-free aptasensors based on fluorescent screening assays for the detection of Salmonella typhimurium. Analytical Biochemistry, 2018, 559, 17-23. | 1.1 | 39 |
| 6 | Transdermal delivery of polidocanol from solâ€“gel patch: ex vivo skin permeation studies using iontophoresis for the treatment of varicose veins. Journal of Sol-Gel Science and Technology, 2018, 87, 639-646. | 1.1 | 4 |
| 7 | Design of Low Cost Blood Glucose Sensing System Using Diffused Reflectance Near-Infrared Light. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 197-216. | 0.5 | 4 |
| 8 | Investigations on Multisensor-Based Noninvasive Blood Glucose Measurement System. Journal of Medical Devices, Transactions of the ASME, 2017, 11, . | 0.4 | 27 |
| 9 | Modified solâ€“gel processed silica matrix for gel electrophoresis applications. Journal of Sol-Gel Science and Technology, 2017, 83, 155-164. | 1.1 | 5 |
| 10 | Engineering challenges and the future prospects of transcatheter mitral valve replacement technologies: a comprehensive review of case studies. Expert Review of Medical Devices, 2017, 14, 297-307. | 1.4 | 5 |
| 11 | Light-Emitting Diode Based Hand-Held Fluorescence Detector for Quantification of Pyranine1. Journal of Medical Devices, Transactions of the ASME, 2016, 10, . | 0.4 | 0 |
| 12 | Enhancing professionalism among engineering students through involvements in technical societies. , 2015, 2015, 3647-50. | | 0 |
| 13 | Prospects and limitations of non-invasive blood glucose monitoring using near-infrared spectroscopy. Biomedical Signal Processing and Control, 2015, 18, 214-227. | 3.5 | 258 |
| 14 | Near-infrared LED based non-invasive blood glucose sensor. , 2014, , . | | 62 |
| 15 | A Cloud Based Architecture for Optimal Utilization of Resources in Educational Institutions. , 2013, , . | | 3 |
| 16 | A practical approach of revitalizing K-12 education in 21 st century. , 2013, , . | | 3 |
| 17 | Interaction of DNA Minor Groove Binder Hoechst 33258 with Bovine Serum Albumin. Chemical and Pharmaceutical Bulletin, 2009, 57, 481-486. | 0.6 | 42 |
| 18 | Fluorescence spectroscopic study of dip coated sol-gel thin film internal environment using fluorescent probes Hoechst33258 and Pyranine. Journal of Sol-Gel Science and Technology, 2007, 41, 147-155. | 1.1 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Fluorescence spectroscopic study to characterize and monitor TEOS based sol-gel process for development of optical biosensors. Current Applied Physics, 2003, 3, 177-184. | 1.1 | 20 |