

# Rabinder Henry

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

104  
citations

1684188

5  
h-index

1474206

9  
g-index

38  
all docs

38  
docs citations

38  
times ranked

154  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis and Review of Tin Oxide-Based Chemoresistive Gas Sensor. IETE Technical Review (Institution) Tj ETQq1 1 0.784314 3.2 27	3.2	27
2	Review of Neuromodulation Techniques and Technological Limitations. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2016, 33, 368-377.	3.2	16
3	Analysis of Factors for Improving Functionality of Tin Oxide Gas Sensor. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2016, 33, 122-129.	3.2	9
4	Modeling a Micro Tubule as a Diode. Journal of Biosensors & Bioelectronics, 2011, 02, .	0.4	9
5	Compact CPLD Board Designing and Implemented for Digital Clock. International Journal of Computer Applications, 2010, 3, 7-10.	0.2	6
6	Analysis of nucleation and growth parameter of silver nanoparticles for sensors. , 2017, , .		5
7	Fabrication of Tin Oxide Nanoparticles for CO2 Gas Sensing Layer. IETE Journal of Research, 2020, 66, 460-465.	2.6	5
8	Compact CPLD Board for Prototyping Digital & Robotics Applications. International Journal of Computer Applications, 2010, 1, 46-48.	0.2	4
9	Characterization of silver nanoparticles biosynthesized using lemon juice. , 2011, , .		3
10	Testing of antibacterial efficacy of CuO nanoparticles by methylene blue reduction test against Bacillus cereus responsible for food spoilage and poisoning. Indian Chemical Engineer, 2019, 61, 248-253.	1.5	3
11	Dual functional reconfigurable mobile robot. , 2008, , .		2
12	Process Simulation and Analysis for PIN Detector. , 2009, , .		2
13	DESIGN AND CONSTRUCTION OF GLOSSY SURFACE CLIMBING BIPED ROBOT. , 2010, , .		2
14	Thermo-Optic switch: Device structure and design. , 2016, , .		2
15	SYNTHESIS OF COPPER OXIDE NANOPARTICLES BY CHEMICAL PRECIPITATION METHOD FOR THE DETERMINATION OF ANTIBACTERIAL EFFICACY AGAINST STREPTOCOCCUS SP. AND STAPHYLOCOCCUS SP.. Asian Journal of Pharmaceutical and Clinical Research, 0, , 135-138.	0.3	2
16	Tin Oxide Film Deposition and Characterization for a Chemoresistive Gas Sensor. IETE Journal of Research, 2016, 62, 525-531.	2.6	1
17	Design and implementation of digital clock with stopwatch on FPGA. , 2017, , .		1
18	Analysis and Critical Parameter Extraction of an LED for Brain Implants. Lecture Notes in Electrical Engineering, 2018, , 113-123.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Review of Thermal Management of an LED for Brain Implants. Lecture Notes in Electrical Engineering, 2018, , 125-137.	0.4	1
20	Design, Fabrication and characterisation of TE Mode MZI Device for Silicon Photonics Integrated Circuit. , 2019, , .		1
21	Implementation of Multichannel GPS Receiver Baseband Modules. Advances in Intelligent and Soft Computing, 2012, , 817-824.	0.2	1
22	A CASE STUDY ON IMPROVING THE PRODUCTIVITY USING IE TOOLS. International Journal of Mechanical and Industrial Engineering, 2013, , 249-252.	0.0	1
23	Development of Pseudo-Layer. , 2009, , .		0
24	STUDY OF UNMANNED AERIAL VEHICLES. , 2009, , .		0
25	DESIGN AND FABRICATION OF THE REDLINER 3.5. , 2009, , .		0
26	DESIGNING RECONFIGURABLE MULTITERRAIN MODULAR ROBOT MK8. , 2010, , .		0
27	Review paper for developments in Array Waveguide Gratings. , 2016, , .		0
28	Synthesis And Characterization of Cadmium Oxide Nanoparticles for Antibacterial Activity. , 2018, , .		0
29	Desalination of Water Using Cellulose Paper Coated with Graphene Oxide Nanostructured Material. , 2018, , .		0
30	Experimental Study of Superhydrophobic Effect of Functionalized Silica Nanoparticles on Multiple Surface. , 2018, , .		0
31	Synthesize and Characterization of Zinc Oxide Nanomaterial Specifically for Sensor Development. , 2018, , .		0
32	Development of Prototype Module for Temperature Sensing in Biological Tissues. , 2019, , .		0
33	Thermal Analysis of Light Source for Optogenetics Experiments. IETE Journal of Research, 2020, 66, 270-285.	2.6	0
34	DEVELOPMENT OF E-LEARNING IN EXPERIENTIAL PEDAGOGY. INTED Proceedings, 2021, , .	0.0	0
35	Antibacterial Effects of ZnO NPs Synthesized by Solvothermal Method against Pseudomonas sp. Extracted from Saliva Ejector Tubing. International Journal of Current Research and Review (discontinued), 2021, 13, 60-63.	0.1	0
36	Characterization and optimization of electron cyclotron resonance ion source. , 2007, , .		0

#	ARTICLE	IF	CITATIONS
37	Theoretical Model and Development of IoT based Digital Agricultural System. , 2018, , .		0
38	AC and DC characteristics of simulated Doped Graphene Field Effect Transistor (GFET) Frequency Multiplier. International Journal of Applied Engineering Research: IJAER, 2019, 14, 240.	0.5	0