

# Yuda Irawan

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

319  
citations

840585

11  
h-index

996849

15  
g-index

48  
all docs

48  
docs citations

48  
times ranked

30  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Implementation of Open and Close a Housing Gate Portal Using RFID Card. Journal of Robotics and Control (JRC), 2021, 2, .   | 0.9 | 4         |
| 2  | Water Level Control Monitoring Based On Arduino Uno R3 Atmega 238p Using Lm016l LCD at STMIK Hang Tuah Pekanbaru. Journal of Robotics and Control (JRC), 2021, 2, .   | 0.9 | 6         |
| 3  | Smart Aquarium Design Using Raspberry Pi and Android Based. Journal of Robotics and Control (JRC), 2021, 2, .   | 0.9 | 1         |
| 4  | Temperature Monitoring System for Egg Incubators Using Raspberry Pi3 Based on Internet of Things (IoT). Journal of Robotics and Control (JRC), 2021, 2, .   | 0.9 | 8         |
| 5  | Water Quality Measurement and Filtering Tools Using Arduino Uno, PH Sensor and TDS Meter Sensor. Journal of Robotics and Control (JRC), 2021, 2, .  | 0.9 | 8         |
| 6  | Application for Selection of Student Final Project Supervisors Based on the Selected Category and Expertise of Lecturers Using the Naive Bayes Classifier Method. Journal of Robotics and Control (JRC), 2021, 2, . | 0.9 | 2         |
| 7  | Automatic Floor Cleaning Robot Using Arduino and Ultrasonic Sensor. Journal of Robotics and Control (JRC), 2021, 2, .   | 0.9 | 8         |
| 8  | Morse Code Receiver On Invisible Light Using Background Subtraction Method. Journal of Robotics and Control (JRC), 2021, 2, .   | 0.9 | 1         |
| 9  | Car Parking Distance Controller Using Ultrasonic Sensors Based On Arduino Uno. Journal of Robotics and Control (JRC), 2021, 2, .  | 0.9 | 8         |
| 10 | Electronic Equipment Control System for Households by using Android Based on IoT (Internet of Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 3   | 0.3 | 14        |
| 11 | Application of Certainty Factor Method to Identify Pests in Crystal Jamboo Plants. Journal of Physics: Conference Series, 2021, 1783, 012053.   | 0.3 | 11        |
| 12 | Management Information System for Lancang Kuning Hospital Dompot Dhuafa Pekanbaru Using Codeigniter Framework. Journal of Physics: Conference Series, 2021, 1845, 012031.   | 0.3 | 3         |
| 13 | Smart Home Light Based Service Oriented Architecture and IoT. Journal of Physics: Conference Series, 2021, 1845, 012070.  | 0.3 | 1         |
| 14 | Monitoring System of Heart Rate, Temperature and Infusion in Patients Based on Microcontroller (Arduino Uno). Journal of Physics: Conference Series, 2021, 1845, 012069.  | 0.3 | 3         |
| 15 | Intelligent Quality Control of Shrimp Aquaculture Based On Real-Time System and IoT Using Mobile Device. SSRG International Journal of Engineering Trends and Technology, 2021, 69, 49-56.                          | 0.3 | 3         |
| 16 | Real Time System Monitoring and Analysis-Based Internet of Things (IoT) Technology in Measuring Outdoor Air Quality. International Journal of Interactive Mobile Technologies, 2021, 15, 224.                       | 0.7 | 10        |
| 17 | Garbage Collecting Ship Robot Using Arduino Uno Microcontroller Based on Android Smartphone. SSRG International Journal of Engineering Trends and Technology, 2021, 69, 25-30.                                      | 0.3 | 1         |
| 18 | Moving Load Robot Using Wifi Network and Android Based. Journal of Robotics and Control (JRC), 2021, 2, .   | 0.9 | 2         |

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|----|--|-----|-----------|
| 19 | Detector Leakage Gas Lpg Based On Telegram Notification Using Wemos D1 and Mq-6 Sensor. Journal of Robotics and Control (JRC), 2021, 2, .  | 0.9 | 3         |
| 20 | Folding Clothes Tool Using Arduino Uno Microcontroller And Gear Servo. Journal of Robotics and Control (JRC), 2021, 2, .   | 0.9 | 3         |
| 21 | Light Control Using Human Body Temperature Based on Arduino Uno and PIR (Passive Infrared) Tj ETQq1 1 0.784314 rgBT /Overlock 11   | 0.9 | 11        |
| 22 | Home Security Alarm Using Wemos D1 And HC-SR501 Sensor Based Telegram Notification. Journal of Robotics and Control (JRC), 2021, 2, .  | 0.9 | 20        |
| 23 | Web-Based Employee Performance Assessment System in PT. Wifiku Indonesia. Journal of Applied Engineering and Technological Science (JAETS), 2020, 1, 60-69.  | 0.4 | 17        |
| 24 | Pemanfaatan Bot Telegram sebagai Media Informasi Akademik di STMIK Hang Tuah Pekanbaru. JTIM Jurnal Teknologi Informasi Dan Multimedia, 2020, 1, 351-357.  | 0.0 | 17        |
| 25 | APLIKASI E-BOOK UNTUK ATURAN KERJA BERBASIS WEB DI PENGADILAN NEGERI MUARA BULIAN KELAS II JAMBI. Jurnal Ilmu Komputer, 2020, 9, 20-26.  | 0.0 | 13        |
| 26 | PEMANFAATAN MODUL GSM DAN MODUL GPS PADA SISTEM KEAMANAN SEPEDA MOTOR MENGGUNAKAN SMARTPHONE BERBASIS ARDUINO UNO. Jurnal Teknologi Dan Open Source, 2020, 3, 90-100.  | 0.1 | 1         |
| 27 | ALAT PENGAMAN PINTU DENGAN PASSWORD MENGGUNAKAN ARDUINO UNO AT MEGA 328P DAN SELENOID DOOR LOCK. I N F O R M A T I K A, 2020, 12, 51.  | 0.1 | 8         |
| 28 | SISTEM INFORMASI PENGOLAHAN DATA STATUS GIZI PADA BALITA DI UPTD PUSKESMAS HARAPAN RAYA. Jurnal Teknologi Dan Open Source, 2020, 3, 69-77.   | 0.1 | 1         |
| 29 | Detecting Heart Rate Using Pulse Sensor As Alternative Knowing Heart Condition. Journal of Applied Engineering and Technological Science (JAETS), 2019, 1, 30-42.  | 0.4 | 13        |
| 30 | Web-Based Heart Disease Diagnosis System With Forward Chaining Method (Case Study Of Ibnu Sina) Tj ETQq0 0 0 rgBT /Overlock 10 26  | 0.4 | 26        |
| 31 | PENERAPAN DATA MINING UNTUK EVALUASI DATA PENJUALAN MENGGUNAKAN METODE CLUSTERING DAN ALGORITMA HIRARKI DIVISIVE DI PERUSAHAAN MEDIA WORLD PEKANBARU. Jtiulm, 2019, 4, 13-20.  | 0.1 | 13        |
| 32 | Sistem Informasi Pengadaan Peralatan dan Perlengkapan Kantor pada Dinas Kehutanan Propinsi Riau Berbasis Web. JTIM Jurnal Teknologi Informasi Dan Multimedia, 2019, 1, 45-48.  | 0.0 | 2         |
| 33 | SISTEM PENDUKUNG KEPUTUSAN PEMILIHAN DOSEN BERPRESTASI DI SEKOLAH TINGGI MANAJEMEN INFORMATIKA DAN KOMPUTER (STMIK) HANG TUAH PEKANBARU MENGGUNAKAN METODE WEIGHTED PRODUCT (WP). I N F O R M A T I K A, 2019, 11, 13. | 0.1 | 0         |
| 34 | Aplikasi, Surat APLIKASI PENGELOLAAN ARSIP SURAT MASUK DAN SURAT KELUAR PADA BADAN PERENCANAAN PEMBANGUNAN DAERAH (BAPPEDA) KOTA PEKANBARU. Jurnal Ilmu Komputer, 2019, 7, 58-63.                                      | 0.0 | 1         |
| 35 | Sistem Informasi Pemasaran Busana Syarâ€™™i dengan Penerapan Customer Relationship Management (CRM) Berbasis Web. INTECOMS Journal of Information Technology and Computer Science, 2019, 2, 1-9.                       | 0.0 | 11        |
| 36 | APLIKASI PEMETAAN DATA KONSUMEN AKTIF MENGGUNAKAN GOOGLE MAPS PADA PT. BIG TV PEKANBARU. Jurnal Ilmu Komputer, 2019, 8, 107-112.   | 0.0 | 1         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | APLIKASI SISTEM PEMBERIAN REWARD BERDASARKAN KINERJA KARYAWAN DENGAN METODE ANALYTICAL HIERARCHY PROCESS (AHP) PADA TOKO GOLDEN JAYA STAR PEKANBARU. Jurnal Teknologi Dan Open Source, 2019, 2, 87-101.                       | 0.1 | 1         |
| 38 | Sistem Pendukung Keputusan Penerimaan Siswa Baru di SMK Negeri 1 Tapung Hulu Menggunakan Metode Simple Multi Attribut Rating Technique (SMART). JOISIE (Journal of Information Systems and) Tj ETQq0 0 00gBT /Overclock 10 Tf | 0.0 | 0         |
| 39 | Sistem Informasi Penjualan Furniture Berbasis Web Pada CV. Satria Hendra Jaya Pekanbaru. JTIM Jurnal Teknologi Informasi Dan Multimedia, 2019, 1, 150-159.  | 0.0 | 8         |
| 40 | Sistem Database Pemasarakatan Studi Kasus Lapas Kelas II A Pekanbaru. Jtis, 2019, 2, 59-67.   | 0.1 | 2         |
| 41 | APLIKASI PEMBELIAN DAN PENJUALAN BAHAN BAKU PADA USAHA GOOD CHICKEN BERBASIS WEB. Jurnal Ilmu Komputer, 2019, 8, 47-52.   | 0.0 | 0         |
| 42 | Sistem Pendukung Keputusan untuk Menentukan Kegiatan Ekstrakurikuler Berdasarkan Bakat dan Minat Menggunakan Metode SAW (Simple Additive Weighting). JTIM Jurnal Teknologi Informasi Dan Multimedia, 2019, 1, 198-205.        | 0.0 | 3         |
| 43 | APLIKASI PEMESANAN MAKANAN BERBASIS WEB DI CATERING CINDELARAS PEKANBARU. Jurnal Teknologi Dan Open Source, 2019, 2, 108-115.   | 0.1 | 0         |
| 44 | MEDIA PEMBELAJARAN BAHASA INGGRIS DASAR MENGGUNAKAN MACROMEDIA FLASH 8 di TK KARTIKA 1.50 KECAMATAN SAIL KOTA PEKANBARU. I N F O R M A T I K A, 2019, 11, 1.  | 0.1 | 3         |
| 45 | Implementation Of Data Mining For Determining Majors Using K-Means Algorithm In Students Of SMA Negeri 1 Pangkalan Kerinci. Journal of Applied Engineering and Technological Science (JAETS), 2019, 1, 17-29.                 | 0.4 | 11        |
| 46 | SISTEM PENDUKUNG KEPUTUSAN UNTUK PENILAIAN PRESTASI BELAJAR SISWA PADA SEKOLAH DASAR NEGERI 167 PEKANBARU DENGAN METODE ANALYTICAL HIERARCHY PROCESS (AHP). Jurnal Ilmu Komputer, 2018, 6, 85-90.                             | 0.0 | 11        |
| 47 | SISTEM PENDUKUNG KEPUTUSAN PENENTUAN PENERIMAAN BEASISWA BERBASIS WEB SMA ISLAM DARUL HUDA MENGGUNAKAN METODE ANALYTICAL HIERARCHY PROCESS (AHP). Jurnal Ilmu Komputer, 2018, 7, 1-6.   | 0.0 | 16        |
| 48 | PERENCANAAN STRATEGIS SI/TI DENGAN MENGGUNAKAN FRAMEWORK WARD AND PEPPARD DI STIKes HANG TUAH PEKANBARU. Jurnal Ilmu Komputer, 2017, 6, 25-32.  | 0.0 | 9         |