

# Gang Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3663599/publications.pdf>

Version: 2024-02-01

26  
papers

167  
citations

1307594

7  
h-index

1199594

12  
g-index

27  
all docs

27  
docs citations

27  
times ranked

111  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Fault diagnosis of modular multilevel converter based on adaptive chirp mode decomposition and temporal convolutional network. <i>Engineering Applications of Artificial Intelligence</i> , 2022, 107, 104544.   | 8.1 | 17        |
| 2  | Guest editorial: Impact of artificial intelligence on business strategy in emerging markets: a conceptual framework and future research directions. <i>International Journal of Emerging Markets</i> , 2022, 17, 917-929.  | 2.2 | 6         |
| 3  | Design of Shallow Surface Electromagnetic Detection Transmitting Scheme Based on Three-Frequency Resonance. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-9.   | 4.7 | 8         |
| 4  | A Multiarray Electromagnetic Instrument for Shallow Surface Real-Time Detection. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-9.  | 4.7 | 8         |
| 5  | Simulation of second-order RC equivalent circuit model of lithium battery based on variable resistance and capacitance. <i>Journal of Central South University</i> , 2020, 27, 2606-2613.  | 3.0 | 25        |
| 6  | A Real-Time Data Processing Method Based on Orthogonal Phase-Locked Amplification and Its Application in Frequency Domain <i>Semi-Airborne</i> Electromagnetic Detection. <i>IEEE Transactions on Electrical and Electronic Engineering</i> , 2020, 15, 1160-1168. | 1.4 | 4         |
| 7  | 3D Numerical Modeling of Induced-Polarization Grounded Electrical-Source Airborne Transient Electromagnetic Response Based on the Fictitious Wave Field Methods. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1027.   | 2.5 | 6         |
| 8  | Input Power Factor Control of Matrix Converter Based Transmitter for Transient Electromagnetic Sounding. , 2020, , .   |     | 0         |
| 9  | Design of ultra-wideband folded antenna for ground penetrating radar. , 2020, , .  |     | 1         |
| 10 | High-Frequency Bipolar Pulse Power Supply Based on Improved Marx Generator for Medical Applications. , 2020, , .   |     | 3         |
| 11 | Research and Design of a Transmission System for Time-Frequency-Domain Electromagnetic Method. <i>IEEE Access</i> , 2019, 7, 153999-154007.  | 4.2 | 8         |
| 12 | Analysis of errors in model parameters for photovoltaic panel. <i>Australian Journal of Electrical and Electronics Engineering</i> , 2019, 16, 281-288.  | 1.2 | 3         |
| 13 | A Novel Transmitting System for Electromagnetic Sounding Based on Tri-state Boost Converter. <i>Recent Advances in Electrical and Electronic Engineering</i> , 2019, 12, 494-499.  | 0.3 | 0         |
| 14 | Feasibility of signal enhancement with multiple grounded-wire sources for a frequency-domain electromagnetic survey. <i>Geophysical Prospecting</i> , 2018, 66, 818-832.   | 1.9 | 16        |
| 15 | Parameters Extraction Method for Solar Photovoltaic Module. , 2018, , .  |     | 5         |
| 16 | Dual-input DC/DC converter for photovoltaic system with reverse charging. , 2017, , .  |     | 2         |
| 17 | A Novel Three-Phase to Single-Phase Matrix Converter-Based Transient Electromagnetic Transmitter. <i>Journal of Control, Automation and Electrical Systems</i> , 2017, 28, 635-643.  | 2.0 | 0         |
| 18 | Analysis and Control of the Indirect Matrix Converter Fed Permanent Magnet Synchronous Motor Drive System Using One Current Sensor. <i>Recent Advances in Electrical and Electronic Engineering</i> , 2017, 9, 194-201.  | 0.3 | 0         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Interaction between two adjacent grounded sources in frequency domain semi-airborne electromagnetic survey. Review of Scientific Instruments, 2016, 87, 034503. | 1.3 | 26        |
| 20 | Dynamic response analysis of buck driver for LED based on second-order model. Electronics Letters, 2016, 52, 2005-2007.   | 1.0 | 3         |
| 21 | Control of two-stage matrix converter under unbalanced source voltages. , 2016, , .   |     | 2         |
| 22 | Realization of SVM Algorithm for Indirect Matrix Converter and Its Application in Power Factor Control. Advances in Power Electronics, 2015, 2015, 1-10.        | 0.8 | 3         |
| 23 | Loss Analysis and Air-Cooled Design for a Cascaded Electrical Source Transmitter. Journal of Power Electronics, 2015, 15, 530-543.                              | 1.5 | 7         |
| 24 | Control of three phases &#x2014; Single phase matrix converter for transient electromagnetic sounding. , 2014, , .  |     | 2         |
| 25 | High performance vector control of IPMSM drive fed by indirect matrix converter. , 2011, , .  |     | 2         |
| 26 | RB-IGBT gate drive circuit and its application in two-stage matrix converter. IEEE Applied Power Electronics Conference and Exposition, 2008, , .               | 0.0 | 10        |