

# Javad Ebrahimi

## List of Publications by Year in descending order

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citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | A New Multilevel Converter Topology With Reduced Number of Power Electronic Components. IEEE Transactions on Industrial Electronics, 2012, 59, 655-667.                               | 7.9 | 428       |
| 2  | A New Topology of Cascaded Multilevel Converters With Reduced Number of Components for High-Voltage Applications. IEEE Transactions on Power Electronics, 2011, 26, 3109-3118.        | 7.9 | 215       |
| 3  | A Multilevel Inverter Topology With an Improved Reliability and a Reduced Number of Components. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 553-563. | 5.4 | 34        |
| 4  | A New Reduced-Component Hybrid Flying Capacitor Multicell Converter. IEEE Transactions on Industrial Electronics, 2017, 64, 912-921.  | 7.9 | 29        |
| 5  | A New Single DC Source Six-Level Flying Capacitor Based Converter With Wide Operating Range. IEEE Transactions on Power Electronics, 2019, 34, 2149-2158.                             | 7.9 | 27        |
| 6  | Efficiency Improved Multi-Source Inverter for Hybrid Energy Storage Systems in Electric Vehicle Application. IEEE Transactions on Power Electronics, 2022, 37, 1982-1997.             | 7.9 | 27        |
| 7  | A New Modulation Scheme for a Four-Level Single Flying Capacitor Converter. IEEE Transactions on Industrial Electronics, 2021, 68, 1860-1870.   | 7.9 | 24        |
| 8  | Application of Ultra-Wideband Sensors for On-Line Monitoring of Transformer Winding Radial Deformationsâ€”A Feasibility Study. IEEE Sensors Journal, 2012, 12, 1649-1659.             | 4.7 | 21        |
| 9  | <i>N-Tuple Flying Capacitor Multicell Converterâ€”A Generalized Modular Hybrid Topology.</i> IEEE Transactions on Industrial Electronics, 2019, 66, 5004-5014.                        | 7.9 | 20        |
| 10 | A Fast-Decoupled Space Vector Modulation Scheme for Flying Capacitor-Based Multilevel Converters. IEEE Transactions on Power Electronics, 2021, 36, 14539-14549.                      | 7.9 | 16        |
| 11 | An Optimized Capacitor Voltage Balancing Control for a Five-Level Nested Neutral Point Clamped Converter. IEEE Transactions on Power Electronics, 2021, 36, 2154-2165.                | 7.9 | 11        |
| 12 | A Five-Level Nested Diode-Clamped Converter for Medium-Voltage Applications. IEEE Transactions on Industrial Electronics, 2022, 69, 6471-6483.  | 7.9 | 9         |
| 13 | A Multi-Source DC/AC Converter for Integrated Hybrid Energy Storage Systems. IEEE Transactions on Energy Conversion, 2022, 37, 2298-2309.   | 5.2 | 6         |