# Fouad Giri

## List of Publications by Year
## in descending order

| 40 papers | 650 citations | 567281 15 h-index | 642732 23 g-index |
|---|---|---|---|
| 41 all docs | 41 docs citations | 41 times ranked | 376 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 1 | Cascaded H-Bridge Inverters for UPS Applications: Adaptive Backstepping Control and Formal Stability Analysis. , 2022, 6, 145-150. | | 12 |
| 2 | Fault Tolerant Backstepping Control for Double-Stage Grid-Connected Photovoltaic Systems Using Cascaded H-Bridge Multilevel Inverters. , 2022, 6, 1406-1411. | | 15 |
| 3 | Nonlinear Control Design and Stability Analysis of Single Phase Half Bridge Interleaved Buck Shunt Active Power Filter. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 2117-2128. | 5.4 | 6 |
| 4 | A Cascaded Controller for a Grid-Tied Photovoltaic System With Three-Phase Half-Bridge Interleaved Buck Shunt Active Power Filter: Hybrid Control Strategy and Fuzzy Logic Approach. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2022, 12, 320-330. | 3.6 | 16 |
| 5 | Multi-mode control strategy for a stand-alone wind energy conversion system with battery energy storage. Journal of Energy Storage, 2022, 51, 104481. | 8.1 | 23 |
| 6 | Nonlinear adaptive control design with average performance analysis for photovoltaic system based on half bridge shunt active power filter. International Journal of Electrical Power and Energy Systems, 2021, 125, 106478. | 5.5 | 26 |
| 7 | Adaptive backstepping controller for DFIG-based wind energy conversion system. , 2021, , 235-260. | | 8 |
| 8 | Sampled-data observers for delay systems and hyperbolic PDE–ODE loops. Automatica, 2021, 123, 109349. | 5.0 | 11 |
| 9 | Adaptive observer design for wave PDEs with nonlinear dynamics and parameter uncertainty. Automatica, 2021, 123, 109295. | 5.0 | 14 |
| 10 | Sampled-data based observer design for nonlinear systems with output distributed delay. International Journal of Control, 2021, 94, 1870-1879. | 1.9 | 4 |
| 11 | Robust adaptive nonlinear controller of wind energy conversion system based on permanent magnet synchronous generator. , 2021, , 133-159. | | 4 |
| 12 | Adaptive Observer for Systems with Distributed Output Delay. IFAC-PapersOnLine, 2021, 54, 120-125. | 0.9 | 2 |
| 13 | Nonlinear control of grid-connected wind energy conversion system without mechanical variables measurements. International Journal of Power Electronics and Drive Systems, 2021, 12, 1139. | 0.6 | 0 |
| 14 | Adaptive Multi-objective Sliding Mode Control of a Wind Energy Conversion System Involving Doubly Fed Induction Generator for Power Capture Optimization. Journal of Control, Automation and Electrical Systems, 2021, 32, 1663-1677. | 2.0 | 4 |
| 15 | Hybrid automaton-fuzzy control of single phase dual buck half bridge shunt active power filter for shoot through elimination and power quality improvement. International Journal of Electrical Power and Energy Systems, 2021, 131, 106986. | 5.5 | 19 |
| 16 | Advanced nonlinear controller of single‐phase shunt active power filter interfacing solar photovoltaic source and electrical power grid. International Transactions on Electrical Energy Systems, 2021, 31, . | 1.9 | 12 |
| 17 | <scp>Sampled‐data</scp> adaptive nonlinear control of shunt power filters. Advanced Control for Applications, 2021, 3, . | 1.7 | 1 |
| 18 | Output feedback control of a three‐phase four‐wire unified power quality conditioner. Asian Journal of Control, 2020, 22, 1147-1162. | 3.0 | 3 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Nonlinear output feedback control of V2G single‑phase on‑board BEV charger. Asian Journal of Control, 2020, 22, 1848-1859. | 3.0 | 22 |
| 20 | Observer Design For a Class of Parabolic Systems With Large Delays and Sampled Measurements. IEEE Transactions on Automatic Control, 2020, 65, 2200-2206. | 5.7 | 21 |
| 21 | A note on sampled-data observers. Systems and Control Letters, 2020, 144, 104760. | 2.3 | 17 |
| 22 | Multi-objective output feedback control strategy for a variable speed wind energy conversion system. International Journal of Electrical Power and Energy Systems, 2020, 121, 106081. | 5.5 | 38 |
| 23 | An adaptive nonlinear observer for sensorless wind energy conversion system with PMSG. Control Engineering Practice, 2020, 98, 104356. | 5.5 | 22 |
| 24 | Output feedback control of wind energy conversion system involving a doubly fed induction generator. Asian Journal of Control, 2019, 21, 2027-2037. | 3.0 | 21 |
| 25 | Managing a hybrid energy smart grid with a renewable energy source. Asian Journal of Control, 2019, 21, 2060-2073. | 3.0 | 10 |
| 26 | Sampled-data adaptive observer for state-affine systems with uncertain output equation. Automatica, 2019, 103, 96-105. | 5.0 | 14 |
| 27 | PQ Theory-Based Control of Single-Stage V2G Three-Phase BEV Charger for High-Voltage Battery. IFAC-PapersOnLine, 2019, 52, 73-78. | 0.9 | 11 |
| 28 | A Nonlinear Controller Based on a High Gain Observer for a Cascade Boost Converter in a Fuel Cell Distributed Power Supply System. IFAC-PapersOnLine, 2019, 52, 91-96. | 0.9 | 6 |
| 29 | Output feedback control of sensorless photovoltaic systems, with maximum power point tracking. Control Engineering Practice, 2019, 84, 1-12. | 5.5 | 18 |
| 30 | PDE based observer design for nonlinear systems with large output delay. Systems and Control Letters, 2018, 113, 1-8. | 2.3 | 33 |
| 31 | Adaptive Nonlinear Control of Reduced‑Part three‑Phase Shunt Active Power Filters. Asian Journal of Control, 2018, 20, 1720-1733. | 3.0 | 8 |
| 32 | Exponential Stability Analysis of Sampled-Data ODE–PDE Systems and Application to Observer Design. IEEE Transactions on Automatic Control, 2017, 62, 3091-3098. | 5.7 | 30 |
| 33 | System identification of a class of Wiener systems with hysteretic nonlinearities. International Journal of Adaptive Control and Signal Processing, 2017, 31, 332-359. | 4.1 | 13 |
| 34 | Using exponential time-varying gains for sampled-data stabilization and estimation. Automatica, 2016, 67, 244-251. | 5.0 | 80 |
| 35 | Adaptive Output Feedback Control of Interleaved Parallel Boost Converters Associated with Fuel Cell. Electric Power Components and Systems, 2015, 43, 1141-1158. | 1.8 | 16 |
| 36 | Cascade nonlinear control of shunt active power filters with average performance analysis. Control Engineering Practice, 2014, 26, 211-221. | 5.5 | 39 |

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| 37 | Linear system control via saturating dynamic actuators global output–reference tracking. IET Control Theory and Applications, 2013, 7, 271-281. | 2.1 | 3 |
| 38 | SISO linear system control via saturating actuator: L2 tracking performance in the presence of arbitrary-shaped inputs. International Journal of Control, 2012, 85, 1694-1707. | 1.9 | 10 |
| 39 | Formal Framework for Nonlinear Control of PWM AC/DC Boost Rectifiers—Controller Design and Average Performance Analysis. IEEE Transactions on Control Systems Technology, 2010, 18, 323-335. | 5.2 | 34 |
| 40 | Sampled–data adaptive observer for state and parameter affine systems with distributed and discrete output delays. International Journal of Adaptive Control and Signal Processing, 0, , . | 4.1 | 2 |