

# Xuan Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3249658/publications.pdf>

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14  
papers

270  
citations

2258059

3  
h-index

2550090

3  
g-index

14  
all docs

14  
docs citations

14  
times ranked

284  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Candidate line selection for transmission expansion planning considering long- and short-term uncertainty. International Journal of Electrical Power and Energy Systems, 2018, 100, 320-330. | 5.5 | 36        |
| 2  | Robust Transmission Expansion Planning Representing Long- and Short-Term Uncertainty. IEEE Transactions on Power Systems, 2018, 33, 1329-1338.   | 6.5 | 107       |
| 3  | Coordinated Investment in Transmission and Storage Systems Representing Long- and Short-Term Uncertainty. IEEE Transactions on Power Systems, 2018, 33, 7143-7151.                           | 6.5 | 60        |
| 4  | A dual-input full-bridge current-source isolated DC/DC converter based on Quasi-Switched-Capacitor circuit for Photovoltaic systems with energy storage. , 2015, , .                         |     | 4         |
| 5  | Common-mode noise comparison study for lateral wire-bonded and vertically integrated power modules. , 2015, , .  |     | 7         |
| 6  | A phase shift controlled current-fed Quasi-Switched-Capacitor isolated dc/dc converter with GaN HEMTs for photovoltaic applications. , 2015, , .   |     | 16        |
| 7  | An isolated hybrid switched C-L DC-DC circuit with high step-up ratio and reduced switch voltage stress. , 2014, , .   |     | 0         |
| 8  | A full-bridge current-source isolated DC/DC converter with reduced number of switches and voltage stresses for photovoltaic applications. , 2014, , .  |     | 1         |
| 9  | Design considerations for wide bandgap based motor drive systems. , 2014, , .  |     | 6         |
| 10 | The development of a high-voltage power device evaluation platform. , 2014, , .  |     | 9         |
| 11 | Discussions on the semiconductor-based galvanic isolation. , 2014, , .   |     | 11        |
| 12 | A family of dual-input DC/DC converters based on quasi-switched-capacitor circuit. , 2014, , .   |     | 4         |
| 13 | Small-signal modeling and controller design of an isolated Quasi-Switched-Capacitor DC/DC converter. , 2014, , .   |     | 9         |
| 14 | Reverse power flow study of an isolated Quasi-Switched-Capacitor DC/DC converter for automotive applications. , 2013, , .  |     | 0         |