

# Ravi Bhushan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1345465/publications.pdf>

Version: 2024-02-01

12  
papers

358  
citations

1478505

6  
h-index

1872680

6  
g-index

12  
all docs

12  
docs citations

12  
times ranked

308  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of energy storage system on load frequency control for diverse sources of interconnected power system in deregulated power environment. International Journal of Electrical Power and Energy Systems, 2016, 79, 11-26.	5.5	137
2	HVDC tie-link modeling for restructured AGC using a novel fractional order cascade controller. Electric Power Systems Research, 2019, 170, 244-258.	3.6	102
3	Small-signal stability analysis for two-area interconnected power system with load frequency controller in coordination with FACTS and energy storage device. Ain Shams Engineering Journal, 2016, 7, 603-612.	6.1	41
4	Mathematical modeling and control of DFIG-based wind energy system by using optimized linear quadratic regulator weight matrices. International Transactions on Electrical Energy Systems, 2017, 27, e2416.	1.9	24
5	Effects of parameter variation in DFIG-based grid connected system with a FACTS device for small-signal stability analysis. IET Generation, Transmission and Distribution, 2017, 11, 2762-2777.	2.5	20
6	Comparison between GA-based LQR and conventional LQR control method of DFIG wind energy system. , 2016, , .		17
7	Improving the dynamic response of frequency and power in a wind integrated power system by optimal design of compensated superconducting magnetic energy storage. International Journal of Green Energy, 2018, 15, 208-221.	3.8	11
8	Designing an optimized pitch controller of DFIG system using frequency response curve. , 2016, , .		3
9	Load frequency control for internconnected power system in-coordination with SSSC and RFB through AC/DC link. , 2015, , .		2
10	Modeling and investigation of small-signal stability of DFIG-based wind energy system using linear quadratic integral controller. , 2016, , .		1
11	Disturbance rejection of the powers and <sc>DC</sc> â€link voltage of a doublyâ€fed induction generator using stateâ€space based linear quadratic integral optimal control approach. International Transactions on Electrical Energy Systems, 2021, 31, e12865.	1.9	0
12	Study of Mathematical Modeling and Small-Signal Stability of a Wind-Driven DFIG-Based System Using Different Types of Control Approach. , 2021, , 37-71.		0