

Majid Sanaye-Pasand

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

86

papers

1,842

citations

26

h-index

39

g-index

90

ext. papers

2,355

ext. citations

4.3

avg, IF

5.56

L-index

#	Paper	IF	Citations
86	Resolving Current Transformer Partial Saturation Problem: an Analytical Approach to Design the Flux Equalizing Winding. <i>IEEE Transactions on Power Delivery</i> , 2022 , 1-1	4.3	0
85	Online Sensitive Turn-to-Turn Fault Detection in Power Transformers. <i>IEEE Transactions on Industrial Electronics</i> , 2022 , 1-1	8.9	0
84	Adaptive Wide-Area Load Shedding Scheme Based on the Sink and Source Concept to Preserve Power System Stability. <i>IEEE Systems Journal</i> , 2022 , 1-11	4.3	0
83	Advances in Transmission Network Fault Location in Modern Power Systems: Review, Outlook and Future Works. <i>IEEE Access</i> , 2021 , 9, 158599-158615	3.5	7
82	Accelerated distance protection for transmission lines based on accurate fault location. <i>Electric Power Systems Research</i> , 2021 , 193, 107021	3.5	1
81	Adaptive Single-Phase Auto-Reclosing Approach for Shunt Compensated Transmission Lines. <i>IEEE Transactions on Power Delivery</i> , 2021 , 36, 1360-1369	4.3	8
80	An Accurate Non-Pilot Scheme for Accelerated Trip of Distance Relay Zone-2 Faults. <i>IEEE Transactions on Power Delivery</i> , 2021 , 36, 1370-1379	4.3	6
79	A precise analytical method for fault location in double-circuit transmission lines. <i>International Journal of Electrical Power and Energy Systems</i> , 2021 , 126, 106568	5.1	1
78	A Robust Multi-Layer Framework for Online Condition Assessment of Power Transformers. <i>IEEE Transactions on Power Delivery</i> , 2021 , 1-1	4.3	6
77	Fast Low Frequency Fault Location and Section Identification Scheme for VSC-Based Multi-Terminal HVDC Systems. <i>IEEE Transactions on Power Delivery</i> , 2021 , 1-1	4.3	3
76	Fast Islanding Detection of Nested Grids Including Multiple Resources Based on Phase Criteria. <i>IEEE Transactions on Smart Grid</i> , 2021 , 1-1	10.7	10
75	Distributed Robust Secondary Control of Islanded Microgrids: Voltage, Frequency, and Power Sharing. <i>IEEE Transactions on Power Delivery</i> , 2021 , 36, 2501-2509	4.3	2
74	Current-based blocking scheme to stabilize distribution network relays against FIDVR. <i>International Journal of Electrical Power and Energy Systems</i> , 2021 , 132, 107205	5.1	2
73	A Straightforward and Robust Algorithm for Accurate Estimation of Power System Frequency. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 12830-12839	8.9	5
72	An Analytical Fast Decaying DC Mitigation Method for Digital Relaying Applications. <i>IEEE Transactions on Power Delivery</i> , 2020 , 1-1	4.3	5
71	A Novel DC Transmission System Fault Location Technique for Offshore Renewable Energy Harvesting. <i>IEEE Transactions on Power Delivery</i> , 2020 , 35, 2885-2895	4.3	6
70	Transmission line fault location based on three-phase state estimation framework considering measurement chain error model. <i>Electric Power Systems Research</i> , 2020 , 178, 106048	3.5	13

69	A New Predictive Approach to Wide-Area Out-of-Step Protection. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 1890-1898	11.9	11
68	Predictive auto-reclosure approach to enhance transient stability of grid-connected DGs. <i>IET Generation, Transmission and Distribution</i> , 2019 , 13, 3011-3019	2.5	2
67	Preventing maloperation of distance protection due to CCVT transients. <i>IET Generation, Transmission and Distribution</i> , 2019 , 13, 2828-2835	2.5	6
66	Novel Approach for Secure Islanding Detection in Synchronous Generator Based Microgrids. <i>IEEE Transactions on Power Delivery</i> , 2019 , 34, 457-466	4.3	28
65	Under-impedance load shedding: a new preventive action against voltage instability. <i>IET Generation, Transmission and Distribution</i> , 2019 , 13, 201-208	2.5	5
64	A Modified Formula for Distance Relaying of Tapped Transmission Lines With Grounded Neutrals. <i>IEEE Transactions on Power Delivery</i> , 2019 , 34, 690-699	4.3	8
63	Current-Based Out-of-Step Detection Method to Enhance Line Differential Protection. <i>IEEE Transactions on Power Delivery</i> , 2019 , 34, 448-456	4.3	8
62	Improved zone-3 distance protection based on adjacent relays data. <i>International Transactions on Electrical Energy Systems</i> , 2019 , 29, e2726	2.2	2
61	Fault Detection During Power Swings Using the Properties of Fundamental Frequency Phasors. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 1385-1394	10.7	36
60	Generator Out-of-Step Prediction Based on Faster-Than-Real-Time Analysis: Concepts and Applications. <i>IEEE Transactions on Power Systems</i> , 2018 , 33, 4563-4573	7	19
59	Distance Protection During Asymmetrical Power Swings: Challenges and Solutions. <i>IEEE Transactions on Power Delivery</i> , 2018 , 33, 2736-2745	4.3	21
58	An Adaptive Wide-Area Load Shedding Scheme Incorporating Power System Real-Time Limitations. <i>IEEE Systems Journal</i> , 2018 , 12, 759-767	4.3	31
57	A Loss-of-Field Detection Relay Based on Rotor Signals Estimation. <i>IEEE Transactions on Power Delivery</i> , 2018 , 33, 779-788	4.3	28
56	Application of universal neutral reactor in shunt compensated transmission lines: feasibility study. <i>IET Generation, Transmission and Distribution</i> , 2018 , 12, 2181-2189	2.5	4
55	An Accelerated Single-Pole Trip Scheme for Zone-2 Faults of Distance Relays. <i>IEEE Transactions on Power Delivery</i> , 2017 , 32, 678-687	4.3	8
54	Transmission system wide-area back-up protection using current phasor measurements. <i>International Journal of Electrical Power and Energy Systems</i> , 2017 , 92, 93-103	5.1	26
53	Adaptive phasor estimation algorithm to enhance numerical distance protection. <i>IET Generation, Transmission and Distribution</i> , 2017 , 11, 1170-1178	2.5	11
52	Improvement of distance relay zone-3 security using fault and breaker opening generated traveling waves. <i>International Transactions on Electrical Energy Systems</i> , 2017 , 27, e2414	2.2	6

51	An Analytical Approach to Detect Generator Loss of Excitation Based on Internal Voltage Calculation. <i>IEEE Transactions on Power Delivery</i> , 2017 , 32, 2329-2338	4.3	23
50	Flux linkage estimation based loss of excitation relay for synchronous generator. <i>IET Generation, Transmission and Distribution</i> , 2017 , 11, 280-288	2.5	20
49	From Available Synchrophasor Data to Short-Circuit Fault Identity: Formulation and Feasibility Analysis. <i>IEEE Transactions on Power Systems</i> , 2017 , 32, 2062-2071	7	9
48	Discriminating transformer large inrush currents from fault currents. <i>International Journal of Electrical Power and Energy Systems</i> , 2016 , 75, 74-82	5.1	29
47	Locating Faults on Untransposed, Meshed Transmission Networks Using a Limited Number of Synchrophasor Measurements. <i>IEEE Transactions on Power Systems</i> , 2016 , 31, 4462-4472	7	31
46	Accelerated Zone II Operation of Distance Relay Using Impedance Change Directions. <i>IEEE Transactions on Power Delivery</i> , 2016 , 1-1	4.3	3
45	Appropriate Grounding System for Grid-Connected Small-Scale Synchronous Generators. <i>IEEE Transactions on Industry Applications</i> , 2015 , 51, 5390-5397	4.3	9
44	Waveshape recognition technique to detect current transformer saturation. <i>IET Generation, Transmission and Distribution</i> , 2015 , 9, 1430-1438	2.5	16
43	A Novel Approach to Detect the Synchronous Generator Loss of Excitation. <i>IEEE Transactions on Power Delivery</i> , 2015 , 30, 1429-1438	4.3	39
42	An accurate fuzzy logic-based fault classification algorithm using voltage and current phase sequence components. <i>International Transactions on Electrical Energy Systems</i> , 2015 , 25, 2275-2288	2.2	7
41	Synchrophasor-Based Wide-Area Backup Protection Scheme with Data Requirement Analysis. <i>IEEE Transactions on Power Delivery</i> , 2015 , 30, 1410-1419	4.3	65
40	A Straightforward Method for Wide-Area Fault Location on Transmission Networks. <i>IEEE Transactions on Power Delivery</i> , 2015 , 30, 264-272	4.3	46
39	. <i>IEEE Transactions on Smart Grid</i> , 2015 , 1-12	10.7	26
38	Unsynchronised fault-location technique for three-terminal lines. <i>IET Generation, Transmission and Distribution</i> , 2015 , 9, 2099-2107	2.5	52
37	Communication-Constrained Regionalization of Power Systems for Synchrophasor-Based Wide-Area Backup Protection Scheme. <i>IEEE Transactions on Smart Grid</i> , 2015 , 6, 1530-1538	10.7	25
36	Power Transformer Protection Using a Multiregion Adaptive Differential Relay. <i>IEEE Transactions on Power Delivery</i> , 2014 , 29, 777-785	4.3	34
35	Fault location on multi-terminal DC systems using synchronized current measurements. <i>International Journal of Electrical Power and Energy Systems</i> , 2014 , 63, 779-786	5.1	36
34	A Traveling-Wave-Based Methodology for Wide-Area Fault Location in Multiterminal DC Systems. <i>IEEE Transactions on Power Delivery</i> , 2014 , 29, 2552-2560	4.3	141

33	Adaptive load shedding scheme to preserve the power system stability following large disturbances. <i>IET Generation, Transmission and Distribution</i> , 2014 , 8, 2124-2133	2.5	35
32	A novel technique for internal fault detection of power transformers based on moving windows. <i>International Transactions on Electrical Energy Systems</i> , 2014 , 24, 1263-1278	2.2	7
31	Power transformer protection scheme based on time-frequency analysis. <i>International Transactions on Electrical Energy Systems</i> , 2013 , 23, 473-493	2.2	10
30	A Saturation Suppression Approach for the Current Transformer Part II: Performance Evaluation. <i>IEEE Transactions on Power Delivery</i> , 2013 , 28, 1936-1943	4.3	13
29	Performance Enhancement of the Transformer Restricted Earth Fault Relay. <i>IEEE Transactions on Power Delivery</i> , 2013 , 28, 467-474	4.3	22
28	A Novel Protective Scheme to Protect Small-Scale Synchronous Generators Against Transient Instability. <i>IEEE Transactions on Industrial Electronics</i> , 2013 , 60, 1659-1667	8.9	26
27	Improved Gapped-Core CT Dimensioning Algorithm Considering Relay and System Requirements. <i>IEEE Transactions on Power Delivery</i> , 2013 , 28, 788-796	4.3	3
26	Preventing Transformer Energizing Resonant Overvoltages Using Surge Arrester Temperature Rise Index and Controlled Closing Method. <i>IEEE Transactions on Power Delivery</i> , 2013 , 28, 998-1006	4.3	5
25	A Saturation Suppression Approach for the Current Transformer Part I: Fundamental Concepts and Design. <i>IEEE Transactions on Power Delivery</i> , 2013 , 28, 1928-1935	4.3	20
24	High-Frequency Transients-Based Protection of Multiterminal Transmission Lines Using the SVM Technique. <i>IEEE Transactions on Power Delivery</i> , 2013 , 28, 188-196	4.3	41
23	Discrimination of arcing faults on overhead transmission lines for single-pole auto-reclosure. <i>International Transactions on Electrical Energy Systems</i> , 2013 , 23, 1523-1535	2.2	9
22	CT Saturation Detection Based on Waveshape Properties of Current Difference Functions. <i>IEEE Transactions on Power Delivery</i> , 2013 , 28, 2254-2263	4.3	18
21	CCVT Failure due to Improper Design of Auxiliary Voltage Transformers. <i>IEEE Transactions on Power Delivery</i> , 2012 , 27, 391-400	4.3	13
20	Mitigating the Impacts of CCVT Subsidence Transients on the Distance Relay. <i>IEEE Transactions on Power Delivery</i> , 2012 , 27, 497-505	4.3	42
19	Accurate Measurement of Fault Currents Contaminated With Decaying DC Offset and CT Saturation. <i>IEEE Transactions on Power Delivery</i> , 2012 , 27, 773-783	4.3	34
18	Compensation of CVT Increased Error and Its Impacts on Distance Relays. <i>IEEE Transactions on Power Delivery</i> , 2012 , 27, 1670-1677	4.3	21
17	Development of two indices based on discrete wavelet transform for transformer differential protection. <i>European Transactions on Electrical Power</i> , 2012 , 22, 1078-1092		4
16	An Adaptive Decision Logic to Enhance Distance Protection of Transmission Lines. <i>IEEE Transactions on Power Delivery</i> , 2011 , 26, 2134-2144	4.3	26

15	Adaptive Protection of Parallel Transmission Lines Using Combined Cross-Differential and Impedance-Based Techniques. <i>IEEE Transactions on Power Delivery</i> , 2011 , 26, 1829-1840	4-3	26
14	Enhancement of Power System Stability Using Adaptive Combinational Load Shedding Methods. <i>IEEE Transactions on Power Systems</i> , 2011 , 26, 1010-1020	7	91
13	CT Saturation Detection Based on Waveform Analysis Using a Variable-Length Window. <i>IEEE Transactions on Power Delivery</i> , 2011 , 26, 2040-2050	4-3	28
12	A Traveling-Wave-Based Protection Technique Using Wavelet/PCA Analysis. <i>IEEE Transactions on Power Delivery</i> , 2010 , 25, 588-599	4-3	154
11	A New Algorithm to Identify Magnetizing Inrush Conditions Based on Instantaneous Frequency of Differential Power Signal. <i>IEEE Transactions on Power Delivery</i> , 2010 , 25, 2223-2233	4-3	31
10	A New Fuzzy-logic-based Extended Blocking Scheme for Differential Protection of Power Transformers. <i>Electric Power Components and Systems</i> , 2010 , 38, 675-694	1	8
9	Impacts of Loop Restoration Strategy on distribution system reliability 2009 ,		3
8	Correction to "Fast and Reliable CT Saturation Detection Using a Combined Method". <i>IEEE Transactions on Power Delivery</i> , 2009 , 24, 2463-2463	4-3	
7	Fast and Reliable CT Saturation Detection Using a Combined Method. <i>IEEE Transactions on Power Delivery</i> , 2009 , 24, 1037-1044	4-3	38
6	Development of a data compression index for discrimination between transformer internal faults and inrush currents 2009 ,		1
5	Investigation of Neutral Reactor Performance in Reducing Secondary Arc Current. <i>IEEE Transactions on Power Delivery</i> , 2008 , 23, 2472-2479	4-3	29
4	An Accurate Hysteresis Model for Ferroresonance Analysis of a Transformer. <i>IEEE Transactions on Power Delivery</i> , 2008 , 23, 1448-1456	4-3	45
3	An Accurate Current Transformer Model Based on Preisach Theory for the Analysis of Electromagnetic Transients. <i>IEEE Transactions on Power Delivery</i> , 2008 , 23, 233-242	4-3	31
2	Scrutiny of the Iranian National Grid. <i>IEEE Power and Energy Magazine</i> , 2007 , 5, 31-39	2-4	10
1	Analysis of Ferroresonance Modes in Power Transformers Using Preisach-Type Hysteretic Magnetizing Inductance. <i>IEEE Transactions on Power Delivery</i> , 2007 , 22, 919-929	4-3	51