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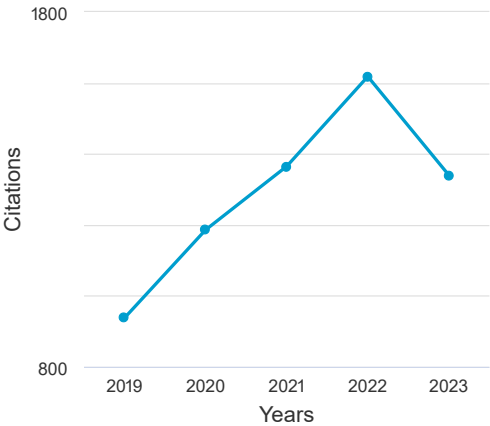
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Documents		Citations	<2019	2019	2020	2021	2022	2023	Subtotal	>2023	Total
		Total	3130	938	1186	1365	1618	1340	6447	18	9595
☐	1 Sizing of energy storage for microgrids	2012	382	111	88	76	73	43	391		773
☐	2 Peer-to-peer energy trading in a prosumer-based community mi...	2019		11	76	121	132	102	442		442
☐	3 Extended-boost Z-source inverters	2010	203	47	34	17	29	16	143		346
☐	4 Optimal Reconfiguration of Radial Distribution Systems to Ma...	2004	220	24	24	16	19	7	90		310
☐	5 Optimal scheduling of spinning reserve	1999	211	17	8	7	5	1	38		249
☐	6 Dynamic economic dispatch: Feasible and optimal solutions	2001	177	16	6	8	8	5	43		220
☐	7 Very short-term nonparametric probabilistic forecasting of r...	2016	49	29	42	40	34	24	169		218
☐	8 Solar radiation forecast based on fuzzy logic and neural net...	2013	94	25	28	18	19	12	102		196
☐	9 Spinning reserve estimation in microgrids	2011	86	30	25	17	20	13	105		191
☐	10 Multi-agent system for distributed management of microgrids	2015	85	25	24	19	19	17	104		189
☐	11 Distributed Robust Energy Management of a Multimicrogrid Sys...	2019	4	12	34	56	35	33	170		174
☐	12 Peer-to-Peer Energy Trading in Smart Grid Considering Power ...	2020			4	27	62	65	158		158
☐	13 Validation of Faster Joint Control Strategy for Battery- and...	2018	8	31	21	28	31	25	136		144
☐	14 Modeling and Mitigating Impact of False Data Injection Attac...	2017	19	21	25	25	25	25	121		140
☐	15 DC Grid Voltage Regulation Using New HESS Control Strategy	2017	20	29	24	13	34	20	120		140

Documents			Citations	<2019	2019	2020	2021	2022	2023	Subtotal	>2023	Total
			Total	3130	938	1186	1365	1618	1340	6447	18	9595
	16	Penetration rate and effectiveness studies of aggregated BES...	2016	42	21	20	22	21	12	96		138
	17	Energy management and control for grid connected hybrid ener...	2019	1	14	22	24	35	25	120	1	122
	18	Agent-based aggregated behavior modeling for electric vehicl...	2019	1	6	21	33	26	33	119	1	121
	19	Web-based SCADA display systems (WSDS) for access via Intern...	2000	106	1	3		5	1	10		116
	20	Optimal operation of multimicrogrids via cooperative energy ...	2018	3	19	27	24	17	24	111		114
	21	Probabilistic Forecast of PV Power Generation Based on Highe...	2017	11	21	29	22	15	16	103		114
	22	Toward optimal energy management of microgrids via robust tw...	2018	13	19	19	24	19	9	90		103
	23	Increasing the regenerative braking energy for railway vehic...	2014	43	11	14	7	13	12	57		100
	24	A mixed integer quadratic programming for dynamic economic d...	2014	39	15	15	8	15	7	60		99
	25	Fuzzy MILP unit commitment incorporating wind generators	2008	70	7	6	4	5	2	24		94
	26	Multi-objective optimal dispatch of microgrid under uncertai...	2019		4	16	27	23	22	92		92
	27	Optimization strategy based on deep reinforcement learning f...	2020			3	14	36	37	90		90
	28	Hybrid energy storage with multimode fuzzy power Allocator f...	2014	28	12	18	7	16	5	58	1	87
	29	Power generation forecast of hybrid PV-Wind system	2020			8	17	32	23	80		80
	30	Optimal False Data Injection Attack against Automatic Genera...	2016	19	12	13	13	8	13	59		78
	31	A Digital Method of Power-Sharing and Cross-Regulation Suppr...	2017	12	8	15	14	20	6	63		75
	32	A probabilistic reserve market incorporating interruptible l...	2006	61		3	2	4		9		70
	33	Distributed Congestion Management of Distribution Grids unde...	2017	12	17	15	7	7	9	55		67
	34	Cost Optimal Integration of Flexible Buildings in Congested ...	2017	3	16	14	15	12	6	63	1	67
	35	Coordinated multi-machine stabilizer settings without eigenv...	1981	62				1	2	3		65
	36	A secure distributed transactive energy management scheme fo...	2019			13	17	22	12	64		64
	37	Optimal Design and Control Implementation of UPQC Based on V...	2018	1	9	20	11	12	9	61		62
	38	Generation and evaluation of space-time trajectories of phot...	2016	12	9	13	14	7	6	49	1	62
	39	A Hybrid Firefly-Swarm Optimized Fractional Order Interval T...	2019		1	8	12	16	24	61		61
	40	Cooperative Triple-Phase-Shift Control for Isolated DAB DC-D...	2019		2	5	15	20	19	61		61
	41	A centralized reactive power compensation system for LV dist...	2015	25	8	7	8	7	6	36		61
	42	A robust power system stabilizer for enhancement of stabilit...	2018		6	12	15	13	14	60		60
	43	An Ensemble Framework for Day-Ahead Forecast of PV Output Po...	2019			9	17	18	15	59		59
	44	A Model Predictive Current Controlled Bidirectional Three-Le...	2019		7	11	14	12	11	55		55
	45	Deep Learning Based Densely Connected Network for Load Forec...	2021				8	22	23	53		53
	46	Corrective economic dispatch and operational cycles for prob...	2016	20	6	11	8	2	3	30	1	51
	47	Deadbeat Control for Hybrid Energy Storage Systems in DC Mic...	2019		3	16	11	10	10	50		50
	48	Jump and shift method for multi-objective optimization	2011	39	7	1	2	1		11		50
	49	Effective economic dispatch model and algorithm	2007	40	2	2	2	1	3	10		50
	50	Optimization of Charge/Discharge Rates of a Battery Using a ...	2017	6	15	11	5	8	4	43		49
	51	Modified cascaded multilevel grid-connected inverter to enha...	2015	14	5	11	8	6	4	34		48
	52	Multi-Agent Based Optimal Scheduling and Trading for Multi-M...	2021				7	16	24	47		47
	53	Deadbeat Control for a Single-Inductor Multiple-Input Multip...	2019	1	6	5	11	16	8	46		47
	54	Micro-generation dispatch in a smart residential multi-carri...	2016	16	9	6	5	8	3	31		47
	55	Internet-based SCADA display system	2002	46				1		1		47
	56	Robust electric vehicle aggregation for ancillary service pr...	2018	4	9	5	15	6	7	42		46
	57	Analytical rule-based approach to online optimal control of ...	2017	8	4	11	7	10	4	36		44
	58	Hybrid energy storage system using bidirectional single-indu...	2019		5	10	13	6	9	43		43

Documents			Citations	<2019	2019	2020	2021	2022	2023	Subtotal	>2023	Total
			Total	3130	938	1186	1365	1618	1340	6447	18	9595
	59	A review of transactive energy systems: Concept and implemen...	2021				1	19	22	42		42
	60	Event-Triggered Model Predictive Control for Power Converter...	2021			6	7	11	18	42		42
	61	Unit commitment - A fuzzy mixed integer Linear Programming s...	2007	33	1	3	3	1	1	9		42
	62	Control strategy for AC-DC microgrid with hybrid energy stor...	2019		6	7	8	10	10	41		41
	63	Multi-agent system for optimization of microgrids	2011	32	1	3	1	1	2	8		40
	64	Compensation for Power Loss by a Proof-of-Stake Consortium B...	2021			1	10	16	12	39		39
	65	Decentralized Local Energy Trading in Microgrids with Voltag...	2021			1	6	21	11	39		39
	66	Wi-Fi based server in microgrid energy management system	2009	25	4	3	4	1	1	13		38
	67	Modelling of lithium-ion battery for online energy managemen...	2012	28	2	3	1	3		9		37
	68	Optimising probabilistic spinning reserve using an analytica...	2011	19	7	3	2	4	2	18		37
	69	A Proof-of-Stake public blockchain based pricing scheme for ...	2021					20	15	35	1	36
	70	Optimization of the Size of UPQC System Based on Data-Driven...	2018		4	14	9	7	2	36		36
	71	Extended boost Z-source inverters	2009	24	3	3	3	1	2	12		36
	72	Algorithms for automatic generation of one-line diagrams	2000	34		1		1		2		36
	73	An SI-MISO Boost Converter with Deadbeat-Based Control for E...	2018	1	2	5	11	8	8	34		35
	74	A hierarchical EMS for aggregated BESSs in energy and perfor...	2017	6	6	4	3	11	4	28	1	35
	75	Stability Enhancement via Controller Optimization and Impeda...	2021				6	11	17	34		34
	76	Consensus-Based Control of Hybrid Energy Storage System with...	2020			5	9	10	10	34		34
	77	Decomposition and Equilibrium Achieving Distribution Locatio...	2019		2	4	12	9	7	34		34
	78	Multi-topology-Mode Grid-Connected Inverter to Improve Compr...	2017	10	9	5	4	5	1	24		34
	79	Risk constrained economic dispatch with integration of wind ...	2017	8	8	6	9	1	2	26		34
	80	Stochastic analysis of residential micro combined heat and p...	2017	10	6	4	3	7	4	24		34
	81	Decentralized State Estimation for Hybrid AC/DC Microgrids	2018	1	4	8	6	10	4	32		33
	82	Unit commitment in microgrids by improved genetic algorithm	2010	20	5	1	2	4		12		32
	83	Pricing in Peer-to-Peer Energy Trading Using Distributed Opt...	2019			2	10	12	6	30		30
	84	Distributed Optimal Tie-Line Power Flow Control for Multiple...	2019		1	7	10	7	5	30		30
	85	Joint Control of Three-Level DC-DC Converter Interfaced Hybr...	2019			3	9	10	7	29		29
	86	Redundancy based PMU placement in state estimation	2015	11	5	2	4	5	2	18		29
	87	Optimal scheduling of spinning reserve with ramp constraints	1999	25	1	1	1	1		4		29
	88	Ultra-short-term multi-node load forecasting - a composite a...	2012	19	2	5		1	1	9		28
	89	Scheduling of energy storage in a grid-connected PV/battery ...	2009	22	2	1	2		1	6		28
	90	Distribution of ground fault currents along transmission lin...	1985	25	2		1			3		28
	91	Bidirectional Three-Level Cascaded Converter with Deadbeat C...	2019			4	12	7	4	27		27
	92	An interactive decision-making model based on energy and res...	2019			4	11	5	7	27		27
	93	A New Flexible Power Quality Conditioner With Model Predicti...	2019			8	4	7	6	25		25
	94	Distributed energy management for the multi-microgrid system...	2018	1	10	3	4	1	5	23		24
	95	Extraction of geospatial topology and graphics for distribut...	2008	17	2	2	1	2		7		24
	96	Simple modulation and control method for new extended boost ...	2009	18	2	1	1	1		5		23
	97	Hierarchical Blockchain Design for Distributed Control and E...	2022					12	9	21	1	22
	98	Capacity fade-based energy management for lithium-ion batter...	2015	13	4		1	3	1	9		22
	99	Adjustable Uncertainty Set Constrained Unit Commitment with ...	2021				3	9	8	20	1	21
	100	Cooperative Bidding-Based Robust Optimal Energy Management o...	2020			1	5	9	6	21		21
	101	Ellipsoidal Prediction Regions for Multivariate Uncertainty ...	2018	1	2	9	1	4	4	20		21

Documents			Citations	<2019	2019	2020	2021	2022	2023	Subtotal	>2023	Total
			Total	3130	938	1186	1365	1618	1340	6447	18	9595
	102	A probabilistic reserve with zero-sum settlement scheme	2005	20	1					1		21
	103	Peer-to-Peer Energy Trading Enabled Optimal Decentralized Op...	2022					6	14	20		20
	104	Data-driven decision-making strategies for electricity retai...	2021				4	6	10	20		20
	105	Demand response program in Singapore's wholesale electricity...	2017	6	3	2	6	3		14		20
	106	Consumer energy portal and home energy management system for...	2012	18	2					2		20
	107	Probabilistic spinning reserves with interruptible loads	2004	19				1		1		20
	108	Fuzzy OPF incorporating UPFC	2004	15		1	3		1	5		20
	109	Robust and resilient distributed optimal frequency control f...	2022				1	9	8	18	1	19
	110	Phase Angle Control Based Three-phase DVR with Power Factor ...	2020			2	7	5	5	19		19
	111	Detection of Islanding and Fault Disturbances in Microgrid u...	2019	4	3	3	2	5	2	15		19
	112	Restoration of electrical power supply through an algorithm ...	1994	18				1		1		19
	113	Network-constrained thermal unit commitment fortexhybrid AC/...	2020			1	7	4	6	18		18
	114	Wind-thermal power system dispatch using MLSAD model and GSO...	2017	7	1	3	4	1	2	11		18
	115	Charging of electric vehicles and demand response management...	2014	15		1	1	1		3		18
	116	A Proof-of-Authority Blockchain-Based Distributed Control Sy...	2022					8	8	16	1	17
	117	Deadbeat Control for Single-Inductor Multiple-Output DC-DC C...	2020			2	4	7	3	16	1	17
	118	Dynamic evolution control based power sharing method for hyb...	2019		3	5	3	5	1	17		17
	119	Polyhedral Predictive Regions for Power System Applications	2019		1	9	1	2	4	17		17
	120	Simplified four-level inverter-based dynamic voltage restore...	2019			3	2	8	3	16		16
	121	Impedance Shaping of Isolated Two-Stage AC-DC-DC Converter f...	2019		2	2	4	5	3	16		16
	122	A Distributed Model-Free Controller for Enhancing Power Syst...	2019		1	3	4	5	2	15		15
	123	Sizing of energy storage system for microgrids	2010	11		1	3			4		15
	124	Java-based applications for accessing power system data via ...	2001	13		1	1			2		15
	125	Artificial intelligence in diagnosis and supply restoration ...	1998	14				1		1		15
	126	Increasing Voltage Support Using Smart Power Converter Based...	2021				5	5	3	13	1	14
	127	A Distributed Model Predictive Control Framework for Grid-Fr...	2021				3	3	8	14		14
	128	Voltage control using smart transformer via dynamic optimal ...	2020			1	2	7	4	14		14
	129	Elliptical restoration based single-phase dynamic voltage re...	2019		2	6	6			14		14
	130	A trust-region based sequential linear programming approach ...	2018			1	7	5	1	14		14
	131	Multiobjective Automated and Autonomous Intelligent Load Con...	2018	4	1	6	1	2		10		14
	132	Assessing the economics of customer-sited multi-use energy s...	2017	3	3	4	2	1	1	11		14
	133	An improved lithium-ion battery model with temperature predi...	2012	8	1	1	2	1	1	6		14
	134	A real-time cyber-physical energy management system for smar...	2011	12	1				1	2		14
	135	Incorporating forecast uncertainties into EENS for wind turb...	2011	6	2		3	1	2	8		14
	136	Efficiency enhancement scheme of cascaded multilevel grid-co...	2016	5	2	2	2	2		8		13
	137	Procurement of interruptible load services in electricity su...	2012	6	1	2		2	2	7		13
	138	Probabilistic reserve schedule with demand-side participatio...	2008	12	1					1		13
	139	Pricing Mechanism for Flexible Loads Using Distribution Grid...	2019		1	2	3	2	4	12		12
	140	Application of HESS for PV system with modified control stra...	2016	5	2	1	1	3		7		12
	141	Multiobjective Autonomous Intelligent Load Control for Hybri...	2018	1		4		4	2	10		11
	142	Flexible Scheduling of Microgrid with Uncertainties Consider...	2018		4		2	3	2	11		11
	143	Performance measurement and analysis of WiMAX-LAN communicat...	2013	8	1		1	1		3		11
	144	Starting up rapid-start units for reserve contributions in a...	2011	6	2	2	1			5		11

Documents			Citations	<2019	2019	2020	2021	2022	2023	Subtotal	>2023	Total
			Total	3130	938	1186	1365	1618	1340	6447	18	9595
	145	Design of A Two-Stage Control Strategy of Vanadium Redox Flo...	2022					4	6	10		10
	146	Two-level algorithm for UPQC considering power electronic co...	2019		1		4	2	3	10		10
	147	Firefly algorithm scaled fractional order fuzzy PID based PS...	2018		2	2	2	1	3	10		10
	148	Fault Detection for Low-Voltage Residential Distribution Sys...	2020				2	5	2	9		9
	149	Blockchain Framework for Peer-to-Peer Energy Trading with Cr...	2019			1	3	5		9		9
	150	A control architecture for optimal power sharing among inter...	2018	3	2	2		2		6		9
	151	A DC microgrid integrated dynamic voltage restorer with mode...	2017		3	2	1	2	1	9		9
	152	A Co-evolutionary algorithm approach to a university timetab...	2002	8				1		1		9
	153	Uncertainty quantification of proton-exchange-membrane fuel ...	2023						7	7	1	8
	154	Simplified Four-Level Inverter-Based Single-Phase DSTATCOM U...	2020				2	5	1	8		8
	155	Multiphase Distribution Locational Marginal Prices: Approxim...	2018		2	2	2	1	1	8		8
	156	Small signal impedance model and stability analysis of bidir...	2017		1	2	4	1		8		8
	157	Analysis of dual-side reactive currents of isolated DAB DC-D...	2017	2	4	1	1			6		8
	158	Microgrid frequency stabilization using model predictive con...	2017	1		1	4	1	1	7		8
	159	Batch and sequential forecast models for photovoltaic genera...	2015	4		1	2	1		4		8
	160	Cost/benefit and reliability studies on rapid-start units fo...	2009	7	1					1		8
	161	Dispatch problems due to ramp rate constraints: Bottleneck a...	2003	8						0		8
	162	A web-based power flow simulator for power engineering educa...	1999	8						0		8
	163	Distributed Real-Time Multi-Objective Control of a Virtual P...	2022					2	5	7		7
	164	Subsynchronous Oscillation Analysis Using Multisynchsqueez...	2022					1	6	7		7
	165	Ampacity Estimation for Submarine Power Cables Installed in ...	2020				2	3	2	7		7
	166	Active DC-link balancing and voltage regulation using a thre...	2020				2	3	2	7		7
	167	Optimal load management in a shipyard drydock	2019			1	1	3	2	7		7
	168	Multivariate prediction intervals for photovoltaic power gen...	2018		1	1	3		2	7		7
	169	Designing high-order power-source synchronous current conver...	2018	2	2	1		1	1	5		7
	170	Effect of uncertainty on optimization of microgrids	2010	5	1			1		2		7
	171	Fully Decentralized P2P Energy Trading in Active Distributio...	2023						6	6		6
	172	Distributed operation optimization of active distribution ne...	2023						6	6		6
	173	Enumerated-MPC-based dynamic voltage restorer using LC filte...	2017		4	1	1			6		6
	174	A stand-alone hybrid PV/fuel cell power system using single-...	2017				2	4		6		6
	175	Optimal distribution feeder reconfiguration for integration ...	2017		2	1	1	2		6		6
	176	The very fast method for contracted capacity optimization pr...	2017	1		3	1	1		5		6
	177	A tradeoff between unit capacity and average production cost...	2015	5				1		1		6
	178	Optimal siting of united power flow controllers	2006	4			1	1		2		6
	179	Neural network based power system stabilizers	1993	3	1	2				3		6
	180	PID-based CNN-LSTM for accuracy-boosted virtual sensor in ba...	2023						5	5		5
	181	Active distribution network operation management integrated ...	2022						5	5		5
	182	Stochastic Backward/Forward Sweep Power Flow Analysis for Is...	2018		2	1	1		1	5		5
	183	Dual Tree Complex Wavelet Transform based Detection of Power...	2018		1		1	2	1	5		5
	184	A low complexity control and energy management for DC-couple...	2018	1	2	1		1		4		5
	185	Energy management of AC-DC microgrid under grid-connected an...	2016	4		1				1		5
	186	Enhanced state estimator incorporating adaptive underfrequen...	2016	1		1	3			4		5
	187	Towards optimal energy management of microgrids with a reali...	2016	2	1		1	1		3		5

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			Total	3130	938	1186	1365	1618	1340	6447	18	9595
☐	188	Cost-effectiveness studies of the BESSs participating in fre...	2016	3			1	1		2		5
☐	189	Thermal effect on state estimation in microgrids	2010	4					1	1		5
☐	190	Spinning reserve estimation in microgrids	2009	4			1			1		5
☐	191	Capacitor planning of power systems with wind generators and...	2009	4	1					1		5
☐	192	Unit commitment incorporating committed/uncommitted reserve ...	2006	4		1				1		5
☐	193	A reserve market with reliability incentives	2004	4		1				1		5
☐	194	Application of knowledge-based systems for fault diagnosis a...	1997	5						0		5
☐	195	Review of restoration strategies and a realtime knowledge ba...	1996	4			1			1		5
☐	196	A project-oriented power engineering curriculum	1995	4			1			1		5
☐	197	A microcomputer based integrated generation and transmission...	1995	5						0		5
☐	198	A neural network based short term load forecasting model	1993	5						0		5
☐	199	Blockchain-Enabled Carbon and Energy Trading for Network-Con...	2023						4	4		4
☐	200	Rule-Based Peak Shaving Using Master-Slave Level Optimizatio...	2023						4	4		4

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