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Publication (25)

Authors	Title	Type	Journal	Volume	Issue	Month	Year	Comments	Actions
P Priyalatha, L Ramayee, R Kumari, K Supradeepan	Multi-objective optimization of a compact wideband antenna using grey relational analysis	Publication	AEU-International Journal of Electronics and Communications 175, 155063, 2024	N/A	N/A		2024	N/A	
L Ramayee, K Supradeepan	Numerical study on flow characteristics of shroud with and without flap for wind turbine applications	Publication	Wind Engineering	47	3		2023	N/A	
L Ramayee, B Praneeth, TG Reddy, K Supradeepan	Performance comparison of wind turbine with various duct geometries	Publication	PROCEEDINGS OF THE 2ND INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN FLUID ... 2023	N/A	N/A		2023	N/A	
K Panigrahi, R Bhattacharya, G Singh, K Supradeepan, SG Rajasekharan, ...	Construction and Calibration of a Low-Speed Variable Velocity Profile Wind Tunnel	Publication	National Conference on Wind Engineering, 11-18, 2023	N/A	N/A		2023	N/A	
SK Pruthviraj Kandukuri, Sandip Deitlmuth	Characterization of column flow regimes on horizontal tubes for falling-film systems: An experimental approach	Publication	Asia-Pacific Journal of Chemical Engineering, e2745, 2022	N/A	N/A		2022	N/A	
L Ramayee, K Supradeepan, P Ravinder Reddy, V Karthik	Design of shorter duct for wind turbines to enhance power generation: a numerical study	Publication	Journal of the Brazilian Society of Mechanical Sciences and Engineering 44, ..., 2022	N/A	N/A		2022	N/A	
L Ramayee, K Supradeepan	Influence of axial distance and duct angle in the improvement of power generation in duct augmented wind turbines	Publication	Journal of Energy Resources Technology	144	9		2022	N/A	
L Ramayee, K Supradeepan, S Sreejith, A Priyadarsini	Multi-Objective Optimization of Lobed Enclosure for Wind Turbine Applications Using Gray Relation Analysis	Publication	Journal of Energy Resources Technology	144	11		2022	N/A	
N Anand, A Bhattacharjee, K Supradeepan, SA Singh, C Chakraborty, ...	Conversion of Biogas Generated from Anaerobic Digestion of Food Waste to Electricity Using Internal Combustion Engine and Fuel Cell	Publication	Bio-Clean Energy Technologies Volume 2, 53-61, 2022	N/A	N/A		2022	N/A	
AK Saravnakumar, K Supradeepan, PS Gurugubelli	A numerical study on flapping dynamics of a flexible two-layered plate in a uniform flow	Publication	Physics of Fluids	33	1		2021	N/A	
L Ramayee, K Supradeepan	Performance evaluation of cowl-augmented wind turbine	Publication	Journal of the Brazilian Society of Mechanical Sciences and Engineering 43, ..., 2021	N/A	N/A		2021	N/A	
K Dwivedi, SR Narayanan, G Pritheesh, VB Sabarish, R Sridhar, ...	Numerical investigation of the onset of three-dimensional characteristics in flow past a pair of square cylinders at various arrangements	Publication	Fluid Dynamics Research	53	4		2021	N/A	
V Inturi, GR Sabarish, K Supradeepan, PK Penumakala	Principal component analysis based gear fault diagnostics in different stages of a multi-stage gearbox subjected to extensive fluctuating speeds	Publication	Journal of Nondestructive Evaluation, Diagnostics and Prognostics of ..., 2021	N/A	N/A		2021	N/A	
L Ramayee, K Supradeepan	Grid convergence study on flow past a circular cylinder for beginners	Publication	AIP Conference Proceedings	2317	1		2021	N/A	

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**Publication (25)**

Authors	Title	Type	Journal	Volume	Issue	Month	Year	Comments	Actions
P Priyathya, L Ramayee, R	Multi-objective optimization of a compact wi	Publication	AEU-International Journal of Elector			Select Month	2024		[Save] [X]
L Ramayee, K Supradeepan	Numerical study on flow characteristics of shroud with and without flap for wind turbine applications	Publication	Wind Engineering	47	3		2023	N/A	[Edit]
L Ramayee, B Praneeth, TG Reddy, K Supradeepan	Performance comparison of wind turbine with various duct geometries	Publication	PROCEEDINGS OF THE 2ND INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN FLUID ...	N/A	N/A		2023	N/A	[Edit]
K Panigrahi, R Bhattacharya, G Singh, K Supradeepan, SG Rajasekharan, ...	Construction and Calibration of a Low-Speed Variable Velocity Profile Wind Tunnel	Publication	National Conference on Wind Engineering, 11-18, 2023	N/A	N/A		2023	N/A	[Edit]
SK Prabhakar, Kindur, Sanidip Deshmukh	Characterization of column flow regimes on horizontal tubes for falling-film systems: An experimental approach	Publication	Asia-Pacific Journal of Chemical Engineering, e0745, 2022	N/A	N/A		2022	N/A	[Edit]
L Ramayee, K Supradeepan, P Ravinder Reddy, V Karthik	Design of shorter duct for wind turbines to enhance power generation: a numerical study	Publication	Journal of the Brazilian Society of Mechanical Sciences and Engineering 44 ... 2022	N/A	N/A		2022	N/A	[Edit]
L Ramayee, K Supradeepan	Influence of axial distance and duct angle in the improvement of power generation in duct augmented wind turbines	Publication	Journal of Energy Resources Technology	144	9		2022	N/A	[Edit]
L Ramayee, K Supradeepan, S Sreejith, A Prasadashri	Multi-Objective Optimization of Lebed Enclosure for Wind Turbine Applications Using Gray Relation Analysis	Publication	Journal of Energy Resources Technology	144	11		2022	N/A	[Edit]
N Anand, A Bhattacharya, K Supradeepan, SA Singh, C Chakraborty, ...	Conversion of Biogas Generated from Anaerobic Digestion of Food Waste to Electricity Using Internal Combustion Engine and Fuel Cell	Publication	Bi-Clean Energy Technologies Volume 2, 53-91, 2022	N/A	N/A		2022	N/A	[Edit]
AK Saravanan, K Supradeepan, PG Gurugubelli	A numerical study on flapping dynamics of a flexible two-layered plate in a uniform flow	Publication	Physics of Fluids	33	1		2021	N/A	[Edit]
L Ramayee, K Supradeepan	Performance evaluation of cow-augmented wind turbine	Publication	Journal of the Brazilian Society of Mechanical Sciences and Engineering 43 ... 2021	N/A	N/A		2021	N/A	[Edit]
K Dewedi, SR Narayanan, G	Numerical investigation of the onset of three-								

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2	Characterisation and analysis of flow over two side by side cylinders for different gaps at low Reynolds number: A numerical approach	Publica...	Physics of Fluids	26	6	Not Provided	2014	Link	51	191494...	K Suprade...
3	Low Reynolds number flow characteristics for two side by side rotating cylinders	Publica...	Journal of Fluids ...	137	10	Not Provided	2015	Link	15	978303...	K Suprade...
4	Characterization of column flow regimes on horizontal tubes for falling-film systems: An experimental approach	Publica...	Asia-Pacific Journ...	Not Provided	Not Provided	Not Provided	2022	Link	11	146003...	SK Pr...
5	A numerical study on flapping dynamics of a flexible two-layered plate in a uniform flow	Publica...	Physics of Fluids	33	1	Not Provided	2021	Link	9	280748...	AK Sarava...
6	Performance evaluation of cow-augmented wind turbine	Publica...	Journal of the Bra...	Not Provided	Not Provided	Not Provided	2021	Link	9	334943...	L Ramayee...
7	Design of shorter duct for wind turbines to enhance power generation: a numerical study	Publica...	Journal of the Bra...	Not Provided	Not Provided	Not Provided	2022	Link	6	171534...	L Ramayee...
8	Influence of axial distance and duct angle in the improvement of power generation in duct augmented wind turbines	Publica...	Journal of Energy ...	144	9	Not Provided	2022	Link	5	169734...	L Ramayee...
9	Multi-Objective Optimization of Lebed Enclosure for Wind Turbine Applications Using Gray Relation Analysis	Publica...	Journal of Energy ...	144	11	Not Provided	2022	Link	4	127624...	L Ramayee...
10	Numerical investigation of the onset of three-dimensional characteristics in flow past a pair of square cylinders at various arrangements	Publica...	Fluid Dynamics R...	53	4	Not Provided	2021	Link	4	339828...	K Dewedi, ...

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[1] P Priyalatha, L Ramayee, R Kumari, K Supradeepan, "Multi-objective optimization of a compact wideband antenna using grey relational analysis," *AEU-International Journal of Electronics and Communications* 175-155063, 2024, 2024.

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[2] L Ramayee, K Supradeepan, "Numerical study on flow characteristics of shroud with and without flap for wind turbine applications," *Wind Engineering*, vol. 47, no. 3, 2023.

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[3] L Ramayee, S Praneeth, TG Reddy, K Supradeepan, "Performance comparison of wind turbine with various duct geometries," *PROCEEDINGS OF THE 2ND INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN FLUID ...*, 2023, 2023.

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[4] K Panigrahi, R Bhattacharya, G Singh, K Supradeepan, SG Rajasekharan, "Construction and Calibration of a Low-Speed Variable Velocity Profile Wind Tunnel," *National Conference on Wind Engineering*, 11-18, 2023, 2023.

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[5] SK Prudviraj Kandukuri,Sandip Deshmukh, "Characterization of column flow regimes on horizontal tubes for falling-film systems: An experimental approach," *Asia-Pacific Journal of Chemical Engineering*, e2745, 2022, 2022.

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[6] L Ramayee, K Supradeepan, P Ravinder Reddy, V Karthik, "Design of shorter duct for wind turbines to enhance power generation: a numerical study," *Journal of the Brazilian Society of Mechanical Sciences and Engineering* 44 ...., 2022, 2022.

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[7] L Ramayee, K Supradeepan, "Influence of axial distance and duct angle in the improvement of power generation in duct augmented wind turbines," *Journal of Energy Resources Technology*, vol. 144, no. 9, 2022.

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[8] L Ramayee, K Supradeepan, S Sreejith, A Priyadarshini, "Multi-Objective Optimization of Lobed Enclosure for Wind Turbine Applications Using Gray Relation Analysis," *Journal of Energy Resources Technology*, vol. 144, no. 11, 2022.

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[9] N Anand, A Bhattacharjee, K Supradeepan, SA Singh, C Chakraborty, "Conversion of Biogas Generated from Anaerobic Digestion of Food Waste to Electricity Using Internal Combustion Engine and Fuel Cell," *Bio-Clean*

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