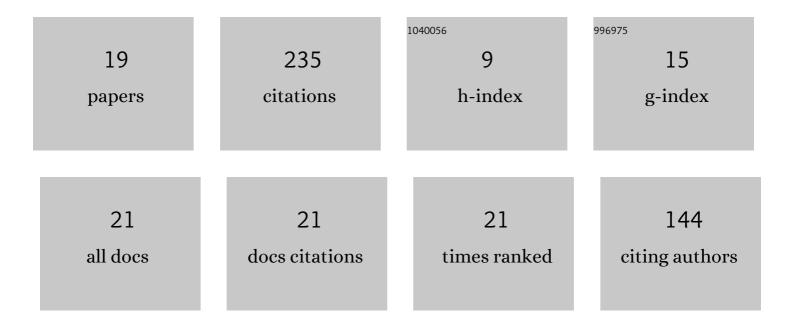
Mahalingam Siva Kumar

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	RESEARCH AND REVIEW OF CLAY AND GLASS FIBER REINFORCED POLYESTER NANOCOMPOSITE MATERIALS USING OPTIMIZATION TECHNIQUES. Surface Review and Letters, 2022, 29, .	1.1	0
2	A novel approach in selective assembly with an arbitrary distribution to minimize clearance variation using evolutionary algorithms: a comparative study. Journal of Intelligent Manufacturing, 2022, 33, 1337-1354.	7.3	2
3	Meta-Heuristic Technique-Based Parametric Optimization for Electrochemical Machining of Monel 400 Alloys to Investigate the Material Removal Rate and the Sludge. Applied Sciences (Switzerland), 2022, 12, 2793.	2.5	11
4	A hybrid GA-ANFIS and F-Race tuned harmony search algorithm for Multi-Response optimization of Non-Traditional Machining process. Expert Systems With Applications, 2022, 199, 116965.	7.6	11
5	Multi objective taguchi–grey relational analysis and krill herd algorithm approaches to investigate the parametric optimization in abrasive water jet drilling of stainless steel. Applied Soft Computing Journal, 2021, 102, 107075.	7.2	27
6	Minimizing Cost of Assembly of an Interrelated Dimensional Chain Product Using ABC Algorithm. Mathematical Problems in Engineering, 2021, 2021, 1-23.	1.1	2
7	Nd: YAG laser cutting of Hastelloy C276: ANFIS modeling and optimization through WOA. Materials and Manufacturing Processes, 2021, 36, 1746-1760.	4.7	15
8	Harmony Search Algorithm for Minimizing Assembly Variation in Non-linear Assembly. Applied Sciences (Switzerland), 2021, 11, 9213.	2.5	7
9	A Novel Methodology for Simultaneous Minimization of Manufacturing Objectives in Tolerance Allocation of Complex Assembly. Applied Sciences (Switzerland), 2021, 11, 9164.	2.5	2
10	Optimization of Process Parameters for Turning Hastelloy X under Different Machining Environments Using Evolutionary Algorithms: A Comparative Study. Applied Sciences (Switzerland), 2021, 11, 9725.	2.5	11
11	A Hybrid Approach of ANFIS—Artificial Bee Colony Algorithm for Intelligent Modeling and Optimization of Plasma Arc Cutting on Monelâ"¢ 400 Alloy. Materials, 2021, 14, 6373.	2.9	11
12	Harmony search algorithm for simultaneous minimization of bi-objectives in multi-row parallel machine layout problem. Evolutionary Intelligence, 2020, , 1.	3.6	6
13	Tolerance allocation of complex assembly with nominal dimension selection using Artificial Bee Colony algorithm. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2019, 233, 18-38.	2.1	15
14	Optimum tolerance synthesis of simple assemblies with nominal dimension selection using genetic algorithm. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2016, 230, 3488-3508.	2.1	7
15	A new algorithm for optimum tolerance allocation of complex assemblies with alternative processes selection. International Journal of Advanced Manufacturing Technology, 2009, 40, 819-836.	3.0	30
16	A new algorithm for minimizing surplus parts in selective assembly by using genetic algorithm. International Journal of Production Research, 2007, 45, 4793-4822.	7.5	21
17	Construction of closed-form equations and graphical representation for optimal tolerance allocation. International Journal of Production Research, 2007, 45, 1449-1468.	7.5	9
18	Optimum manufacturing tolerance to selective assembly technique for different assembly specifications by using genetic algorithm. International Journal of Advanced Manufacturing Technology, 2007, 32, 591-598.	3.0	48

#	Article	IF	CITATIONS
19	Minimization of total manufacturing cost of a knuckle joint assembly by means of optimal tolerance allocation using various optimization algorithms. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 0, , 095440702210786.	1.9	0