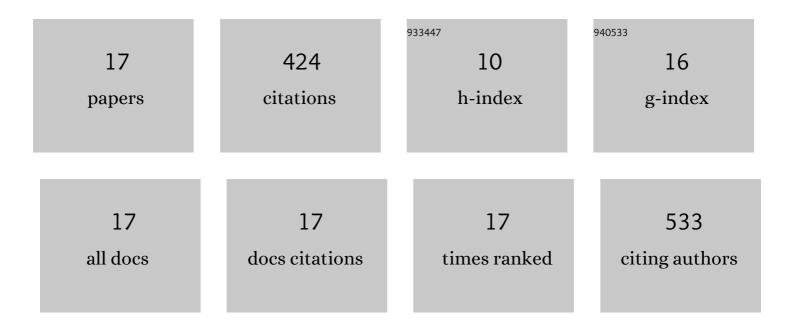
Niko Samec

List of Publications by Year in descending order

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NIKO SAMEC

#	Article	IF	CITATIONS
1	The impact of secondary air boundary conditions on CFD results in small-scale wood pellet combustion. Fuel, 2022, 324, 124451.	6.4	4
2	CFD modelling of air staged combustion in a wood pellet boiler using the coupled modelling approach. Thermal Science and Engineering Progress, 2020, 20, 100715.	2.7	16
3	The impacts of different profiles of the grate inlet conditions on freeboard CFD in a waste wood-fired grate boiler. Applied Energy, 2020, 268, 115055.	10.1	16
4	Assessment of a simplified equilibrium model for waste gasification. Thermal Science, 2019, 23, 1473-1486.	1.1	0
5	Advanced CFD modelling of air and recycled flue gas staging in a waste wood-fired grate boiler for higher combustion efficiency and greater environmental benefits. Journal of Environmental Management, 2018, 218, 200-208.	7.8	28
6	Numerical analysis of a non-steady state phenomenon during the ignition process in a condensing boiler. Energy, 2018, 158, 623-631.	8.8	6
7	Sewage sludge gasification as an alternative energy storage model. Energy Conversion and Management, 2017, 149, 738-747.	9.2	40
8	Advanced modelling and testing of a 13 MW th waste wood-fired grate boiler with recycled flue gas. Energy Conversion and Management, 2016, 125, 230-241.	9.2	38
9	Analysis of the Effect of the Swirl Flow Intensity on Combustion Characteristics in Liquid Fuel Powered Confined Swirling Flames. Journal of Applied Fluid Mechanics, 2016, 9, 2359-2367.	0.2	7
10	Effect of thermal processing on the characteristics of incineration fly ash. Journal of the Air and Waste Management Association, 2012, 62, 500-508.	1.9	3
11	Numerical Simulations of Wind Induced Particle Contamination in Gypsum Landfill Surroundings. Environmental Modeling and Assessment, 2011, 16, 479-489.	2.2	2
12	Numerical optimization of a waste-to-energy plant's operating parameters using CFD. Thermal Science, 2011, 15, 1-16.	1.1	23
13	Detection of nanomolar concentrations of copper(II) with a Tb-quinoline-2-one probe using luminescence quenching or luminescence decay time. Analytica Chimica Acta, 2009, 644, 53-60.	5.4	60
14	Combustion Simulation in the Secondary Chamber of a Pilot-Scale Incinerator. Environmental Engineering Science, 2007, 24, 905-916.	1.6	2
15	Utilization of bottom ash from the incineration of separated wastes as a cement substitute. Waste Management and Research, 2005, 23, 468-472.	3.9	16
16	Spent potlining utilisation possibilities. Waste Management and Research, 2003, 21, 467-473.	3.9	29
17	Numerical and experimental study of water/oil emulsified fuel combustion in a diesel engine. Fuel, 2002, 81, 2035-2044.	6.4	134