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Pyrolysis of high ash sewage sludge: kinetics and thermodynamic analysis using Coats-Redfern method

Salman Raza Naqvi, Rumaisa Tariq, Zeeshan Hameed, Imtiaz Ali, Muhammad Naqvi, Wei-Hsin Chen, Selim Ceylan, Harith Rashid, Junaid Ahmad, Syed A. Taqvi, Muhammad Shahbaz

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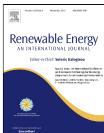
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3	Salman Raza Naqvi ^{1,2*} , Rumaisa Tariq ² , Zeeshan Hameed ² , Imtiaz Ali ³ , Muhammad Naqvi ⁴ ,
4	Wei-Hsin Chen ⁵ , Selim Ceylan ⁶ , Harith Rashid ⁷ , Junaid Ahmad ⁸ , Syed A. Taqvi ⁹ , Muhammad
5	Shahbaz ¹⁰
6	¹ Thermal Engineering Group, Faculty of Engineering Technology, University of Twente, 7500AE
7	Enschede, The Netherlands
8	² School of Chemical & Materials Engineering, National University of Sciences & Technology, H-12,
9	Islamabad, Pakistan
10	³ Departments of Chemical and Materials Engineering, King Abdulaziz University, Rabigh, Saudi Arabia
11	⁴ Department of Engineering and Chemical Sciences, Karlstad University, Sweden
12	⁵ Department of Aeronautics and Astronautics, National Cheng Kung University, Tainan, Taiwan
13	⁶ Ondokuz Mayıs University, Chemical Engineering Department, 55139 Samsun, Turkey
14	⁷ Department of Chemical Engineering and Chemistry, Eindhoven University of Technology, Eindhoven,
15	The Netherlands
16	⁸ Faculty of Science and Technology, Free University of Bolzano, Piazza Universita 5, 39100 Bolzano,
17	Italy
18	⁹ Chemical Engineering Department, NED University of Engineering and Technology, 75270 Karachi,
19	Pakistan
20	¹⁰ Chemical Engineering Department, University of Gujrat, Gujrat, Pakistan
21	Corresponding author: *S.R. Naqvi (e-mail: s.r.naqvi@utwente.nl , salman.raza@scme.nust.edu.pk)

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