List of Publications of
Dr. Tarun Kumar Naiya

Sl. No.	Name of SCI Journal	Volume No.	Month/ Year/Page Nos.	Authors	Title of the paper	**Impact Factor**	**No. of citations**
1	Chemical Engineering Journal	137(3)	(2008) 529-541	Bhattacharya, A. K., **T. K. Naiya,** S. N. Mandal and S. K. Das	Adsorption, Kinetics and Equilibrium studies on removal of Cr(VI) from aqueous solutions using different low-cost adsorbents	**10.652**	**672**
2	*Environmental Progress*	27	(2008) 313-328	**Naiya, T. K.,** A. K. Bhattacharya and S. K. Das	Adsorption of Pb(II) by saw dust and neem bark from aqueous solutions	**1.848**	**68**
3	*Journal of Colloid and Interface Science*	325	(2008) 48-56	**Naiya, T. K.,** A. K. Bhattacharya and S. K. Das	Removal of Cd(II) from aqueous solutions using clarified sludge	**7.489**	**109**
4	*Journal of Hazerdous Material*	163	(2009) 1254-1264	**Naiya, T. K.,** A. K. Bhattacharya, S. N. Mandal and S. K. Das	The sorption of Lead(II) ions on rice husk ash	**9.038**	**358**
5	Chemical Engineering Journal	148	(2009) 68-79	**Naiya, T. K.,** P. Chowdhury, A. K. Bhattacharya and S. K. Das	Saw dust and neem bark as low cost natural biosorbent for adsorptive removal of Zn(II) and Cd(II) ions from aqueous solutions	**10.652**	**275**
6	*Journal of Colloid and Interface Science*	333	(2009) 14-26	**Naiya, T. K.,** A. K. Bhattacharya and S. K. Das	Adsorption of Cd(II) and Pb(II) from aqueous solutions on activated alumina	**7.489**	**419**
7	*Environmental Progress and Substainable Energy*	**28**	(2009) **535-546**	**Naiya, T. K.,** A. K. Bhattacharya and S. K. Das	**Adsorptive removal of Cd(II) ions from aqueous solutions by rice husk ash**	**1.989**	**42**
8	*Journal of Hazerdous Material*	170	(2009) 252-262	**Naiya, T. K.,** A. K. Bhattacharya and S. K. Das	Clarified Sludge (basic oxygen furnace sludge) – An adsorbent for removal of Pb(II) from aqueous solutions – kinetics, thermodynamics and desorption studies	**9.038**	**78**
9	***Adsorption***	***15***	***(2009) 354-364***	**Naiya, T. K.,** A. K. Bhattacharya, D. Sarkar and S. K. Das	Applicability of shrinking core model on the adsorption of heavy metals by clarified sludge from aqueous solution	**1.949**	**11**
10	Petroleum Science and Technology	33 (7)	***(2015)*** 819-826	S Banerjee, R Kumar, A Mandal, TK Naiya	Use of a novel natural surfactant for improving flowability of indian heavy crude oil	**0.976**	**17**
11	Petroleum Science and Technology	33 (Issue 10)	(2015) 1101-1109	Kumar, R., Banerjee, S., Kumar, N., Mandal, A., T. K. Naiya	Comparative Studies on Synthetic and Naturally Extracted Surfactant for Improving Rheology of Heavy Crude Oil	**0.976**	**7**

12.	Petroleum Science and Technology	33 (15-16)	(2015) 1516-1525	S Banerjee, R Kumar, A Mandal, TK Naiya	Effect of Natural and Synthetic Surfactant on the Rheology of Light Crude Oil	**0.976**	**5**
13.	Indian Journal of Chemical Technology	23 (4)	(2016) 262-270	R Kumar, S Banerjee, A Mandal, TK Naiya	Improvement in transportability of Indian heavy crude oil using novel surfactant	**0.475**	**5**
14.	Desalination and Water Treatment	57 (13)	(2016) 5800-5809	TK Naiya, SK Das	Removal of Cr (VI) from aqueous solution using fly ash of different sources	**0.854**	**8**
15.	International Journal of Oil, Gas and Coal Technology	13 (3)	(2016) 260-276	S Banerjee, R Kumar, I Ansari, A Mandal, TK Naiya	Effect of extracted natural surfactant on flow behaviour of heavy crude oil	**0.752**	**2**
16.	Journal of Petroleum Science and Engineering	152	(2017) 353-360	R Kumar, S Banerjee, A Mandal, **TK Naiya**	Flow improvement of heavy crude oil through pipelines using surfactant extracted from soapnuts	**3.706**	**17**
17.	Petroleum Science and Technology	35 (24)	(2017) 2287-2295	M Gudala, S Banerjee, A Kumar, RM Rao T, A Mandal, **TK Naiya**	Rheological modeling and drag reduction studies of Indian heavy crude oil in presence of novel surfactant	**0.976**	**7**
18.	International Journal of Oil, Gas and Coal Technology	14 (4)	(2017) 354-368	R Kumar, S Banerjee, A Mandal, **TK Naiya**	Investigation of novel extracted surfactant on rheological properties of heavy crude oil	**0.752**	**1**
19.	Petroleum Science and Technology	35 (6)	(2017) 561-569	S Banerjee, R Kumar, A Akhtar, R Bairagi, A Mandal, **TK Naiya**	Effect of pour point depressant on wax deposition and drag reduction in horizontal pipelines	**0.976**	
20.	International Journal of Oil, Gas and Coal Technology	15 (4)	(2017) 363-379	S Banerjee, S Kumar, A Mandal, **TK Naiya**	Design of novel chemical solvent for treatment of waxy crude	**0.752**	**5**
21.	Petroleum Science and Technology	35 (6)	(2017) 615-624	R Kumar, S Banerjee, A Banik, TK Bandyopadhyay, **TK Naiya**	Simulation of single phase non-Newtonian flow characteristics of heavy crude oil through horizontal pipelines	**0.976**	**1**
22.	Petroleum Science and Technology	36	(2018) 99-107	M Gudala, S Banerjee, RM Rao T, **T K Naiya**, A Mandal	The effect of bio additive on viscosity and energy requirement for heavy crude oil flow	**0.976**	**6**
23.	Journal of Petroleum Science and Engineering	152	(2017) 353-360	R Kumar, S Banerjee, A Mandal, **TK Naiya**	Flow improvement of heavy crude oil through pipelines using surfactant extracted from soapnuts	**3.706**	

24.	Journal of Petroleum Science and Engineering	168	(2018) 178 – 189	R Kumar, GS Bora, S Banerjee, A Mandal, **T K Naiya**	Application of naturally extracted surfactant from Madhuca longifolia to improve the flow properties of heavy crude oil through horizontal pipeline	**3.706**	
25.	Journal of Fluids Engineering	140 (6)	(2018) 061302	M Gudala, S Banerjee, R Kumar, T R M Rao, A Mandal, **T K Naiya**	Experimental Investigation on Hydrodynamics of Two-Phase Crude Oil Flow in Horizontal Pipe With Novel Surfactant	**2.056**	**6**
26.	Journal of Petroleum Science and Engineering	169	(2018) 428-444	Sanjiv Kumar, **Tarun Kumar Naiya**, Tarkeshwar Kumar	Developments in oilfield scale handling towards green technology-A review	**3.706**	**16**
27.	International Journal of Oil, Gas and Coal Technology	19 (3)	(2018) 283-295	Vivek Raipuria, Nisha Rani, V. P. Sharma, **Tarun Kumar Naiya**	Use of nanoparticle derived from natural source and its application in drilling fluid	**0.695**	
28	Journal of Petroleum Science and Engineering	178	(2019) 140-151	Manojkumar Gudala, Shirsendu Banerjee, Tarun Kumar Naiya, Ajay Mandala , Subbaiah T. C., Rama Mohan Rao T.	Hydrodynamics and energy analysis of heavy crude oil transportation through horizontal pipelines using novel surfactant	**3.706**	**5**
29	Energy & Fuels	33	(2019) 6313-6326	M Gudala, S Banerjee, TK Naiya, GS Kumar	Experimental and Correlation Development of Heavy oil viscosity using bio-additives	**3.421**	
30	Petroleum Science and Technology	38	(2020) 185-193	A Azeem, R Kumar, B Pal, TK Naiya	Use of novel pour point depressant synthesized from vegetable oil for waxy crude oil	**0.976**	