Muhammad Zahid

List of Publications by Year
in descending order

25	277	933447 10	996975 15
papers	citations	h-index	g-index

25	25	25	132
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ultrasound-assisted deep eutectic solventâ€“based extraction of phytochemicals from Mentha arvensis: optimization using Box-Behnken design. Biomass Conversion and Biorefinery, 2022, 12, 35-45.	4.6	12
2	Influence of magnetohydrodynamics and heat transfer on the reverse roll coating of a Jeffrey fluid: A theoretical study. Journal of Plastic Film and Sheeting, 2022, 38, 72-104.	2.2	5
3	Hydrodynamics and sensitivity analysis of calendaring process of a viscoelastic material. Archive of Applied Mechanics, 2022, 92, 1083-1099.	2.2	1
4	Mathematical analysis of two-layer calendering of isothermal Newtonian fluids with different viscosities. European Physical Journal Plus, 2022, 137, 1.	2.6	1
5	A Theoretical Study of Reverse Roll Coating for a Non-Isothermal Third-Grade Fluid under Lubrication Approximation Theory. Mathematical Problems in Engineering, 2022, 2022, 1-18.	1.1	3
6	Analysis of the lubrication approximation theory in the calendering/sheeting process of upper convected Jefferyâ€™s material. Journal of Plastic Film and Sheeting, 2021, 37, 128-159.	2.2	5
7	Use of hydrogen-bonded supramolecular eutectic solvents for eco-friendly extraction of bioactive molecules from Cymbopogon citratus using Boxâ€“Behnken design. Journal of Food Measurement and Characterization, 2021, 15, 1487-1498.	3.2	11
8	Forward Roll Coating of a Williamsonâ€™s Material onto a Moving Web: A Theoretical Study. Mathematical Problems in Engineering, 2021, 2021, 1-11.	1.1	4
9	Deep eutectic solvents as alternative green solvents for the efficient desulfurization of liquid fuel: A comprehensive review. Fuel, 2021, 305, 121502.	6.4	53
10	Modeling of an isothermal flow of a magnetohydrodynamic, viscoplastic fluid during forward roll coating process. AEJ - Alexandria Engineering Journal, 2021, 60, 5591-5602.	6.4	9
11	Numerical analysis of the forward roll coating of a Rabinowitsch fluid. Journal of Plastic Film and Sheeting, 2020, 36, 191-208.	2.2	8
12	Theoretical Study of the Reverse Roll Coating of Non-Isothermal Magnetohydrodynamics Viscoplastic Fluid. Coatings, 2020, 10, 940.	2.6	14
13	Mathematical Analysis of Pseudoplastic Polymers during Reverse Roll-Coating. Polymers, 2020, 12, 2285.	4.5	14
14	Mathematical analysis of a non-Newtonian polymer in the forward roll coating process. Journal of Polymer Engineering, 2020, 40, 703-712.	1.4	14
15	Environmentally Friendly Extraction of Bioactive Compounds from <i>Mentha arvensis</i> Using Deep Eutectic Solvent as Green Extraction Media. Polish Journal of Environmental Studies, 2020, 29, 3749-3757.	1.2	22
16	Mathematical Analysis of the Coating Process over a Porous Web Lubricated with Upper-Convected Maxwell Fluid. Coatings, 2019, 9, 458.	2.6	12
17	Numerical analysis of blade coating of a third-order fluid. Journal of Plastic Film and Sheeting, 2019, 35, 157-180.	2.2	4
18	Mathematical Analysis of Roll Coating Process by Using Couple Stress Fluid. Journal of Nanofluids, 2019, 8, 1683-1691.	2.7	9

#	Article	IF	Citations
19	Roll coating analysis of a second-grade material. Journal of Plastic Film and Sheeting, 2018, 34, 232-255.	2.2	14
20	Roll coating analysis of a third grade fluid. Journal of Plastic Film and Sheeting, 2017, 33, 72-91.	2.2	20
21	Modeling of non-isothermal flow of a magnetohydrodynamic, viscoplastic fluid during calendering. Journal of Plastic Film and Sheeting, 2016, 32, 74-96.	2.2	10
22	On a Certain Class of Analytic Functions Defined by a Certain Operator. Journal of Computational and Theoretical Nanoscience, 2016, 13, 3233-3237.	0.4	0
23	Calendering analysis of a third-order fluid. Journal of Plastic Film and Sheeting, 2014, 30, 345-368.	2.2	18
24	Effect of magnetohydrodynamics on Newtonian calendering. Journal of Plastic Film and Sheeting, 2013, 29, 347-364.	2.2	14
25	Numerical analysis of two-layered isothermal calendering of viscoplastic and Newtonian fluids with different viscosity ratios. Journal of Plastic Film and Sheeting, 0, , 875608792210939.	2.2	0