

Table (1) Univariate analysis of different variables and their relation to impact on JIF

		Negative			Positive			
		Mean ($\pm$ SD)	Count	Column N %	Mean ($\pm$ SD)	Count	Column N %	p value
Pages		8 ($\pm$ 3)			9 ($\pm$ 3)			0.12
Number of authors		10.36 ($\pm$ 10.25)			12.3 ($\pm$ 11.46)			0.001
Year	2019		860	44.2%		242	47.1%	0.129
	2020		1087	55.8%		272	52.9%	
Open Access	No		752	38.60%		125	24.30%	<0.001
	Yes		1195	61.40%		389	75.70%	
Top Affiliation	No		1787	91.80%		459	89.30%	0.048
	Yes		160	8.20%		55	10.70%	
Kidney	No		1118	57.40%		221	43.00%	<0.001
	Yes		829	42.60%		293	57.00%	
Liver	No		1363	70.00%		366	71.20%	0.318
	Yes		584	30.00%		148	28.80%	
Pancreas	No		1885	96.80%		497	96.70%	0.49
	Yes		62	3.20%		17	3.30%	
Heart	No		1548	79.50%		431	83.90%	0.015
	Yes		399	20.50%		83	16.10%	
Lung	No		1574	80.80%		440	85.60%	0.007
	Yes		373	19.20%		74	14.40%	
COVID-19	No		1924	98.80%		436	84.80%	<0.001
	Yes		23	1.20%		78	15.20%	

Table (2) Regression analysis of different variables and their relation to impact on JIF

		B value	Standard error	p value	Confidence interval (CI)	95% CI	
						Lower	Upper
Step 1a	Number of authors	0.013	0.005	0.006	1.013	1.004	1.023
	Open access	0.482	0.118	0.000	1.619	1.285	2.039
	Author from top affiliation	0.431	0.176	0.014	1.538	1.090	2.170
	Topic: Kidney	0.490	0.108	0.000	1.632	1.321	2.017
	Topic: Lung	-0.405	0.180	0.025	0.667	0.469	0.950
	Topic: Heart	-0.105	0.165	0.522	0.900	0.652	1.243
	Topic: COVID-19	2.674	0.251	0.000	14.498	8.865	23.711
	Constant	-2.157	0.129	0.000	0.116		