Yugoslav Journal of Operations Research
(20##), Number #, #-#
DOI: https://doi.org/10.2298/YJOR231215006S

A REVIEW OF THE MOST INFLUENTIAL RESEARCH PAPERS ON COVID-19: AN EXCERPT WITH COMMENTS AND INSIGHTS

APPENDIX

Table A1. Classification of the leading 100 covid-19 research articles

Sl. No	publication	Citations	Subject							Epidemiological, Pathological& /or Clinical investigation		Review	Survey/Case study	No of respondents /patients	Male	Female	Vaccine Development	Intermediator	Role of ACE2	Cytokyne	Plasma transfusion	T-cell Responses	Use of masks/ ace sheilds/ gloves, isolation,contact
			Medicine	Multi Disciplinary (psychological/men	Immunology & microbiology	Biochemistry,Genetics,Molecular	Neuroscience	Others		Patients (symptoms,Characte	Virus (Origin nature chara												
1	Huang C., Wang Y., Li X., Ren L., et al. [43]	18952	√							√			√	41	30	11							
2	Guan W., Ni Z., Hu Y., et al. [31]	12372				√					√			1099	58.1%	41.9%		√					
3	Zhou F., Yu T., Du R., Fan G., et al. [99]	10907	√							√			√	191				√					
4	Zhu N., Zhang D., Wang W., et al. [101]	10410	√			√				√								√					
5	Chen N., Zhou M., Dong X., et al. [16]	8928	√							√			√	99	67	32		√					

6	Zhou P., Yang X.-L., Wang X.-G., et al. [100]	8072	✓	✓		✓																	
7	Hoffmann M., Kleine-Weber H., Schroeder S., et al. [38]	6711	✓		✓																		
8	Lu R., Zhao X., Li J., et al. [56]	4943			✓																		
9	Chan J.F.-W., Yuan S., Kok K.-H., et al. [13]	4106		✓																			
10	Xu Z., Shi L., Wang Y., Zhang J., et al. [92]	3962																					
11	Wu F., Zhao S., Yu B., Chen Y.-M., et al. [89]	3866																					
12	Richardson S., Hirsch J.S., Narasimhan M., et al. [68]	3501		✓																			
13	Wu C., Chen X., Cai Y., et al. [88]	3451		✓																			
14	Wang C., Pan R., Wan X., et al. [83]	3030																					
15	Holshue M.L., DeBolt C., Lindquist S., et al. [41]	2883																					

16	Wölfel R., Corman V.M., Guggemos W., et al. [87]	2719	√							√				09		127									
17	Cao B., Wang Y., Wen D., et al. [10]	2681	√																						
18	Mao L., Jin H., Wang M., et al. [57]	2677						√					√	214		87	127								
19	Gautret P., Lagier J.-C., Parola P., et al. [25]	2672	√																						
20	Horby P., Lim W.S., Emberson J.R., et al. [42]	2407				√								64 25			36%								
21	Ai T., Yang Z., Hou H., Zhan C., et al. [2]	2358							√					1049		467	547								
22	Grasselli G., Zangrillo A., Zanella A., et al. [28]	2253	√											3988		31 88	800								
23	Polack F.P., Thomas S.J., Kitchin N., et al. [63]	2247				√								43448				√							
24	Lauer S.A., Grantz K.H., Bi Q., et al. [50]	2223							√				√												
25	Beigel J.H., Tomashek K.M., Dodd L.E., et al. [5]	2218	√											1062											

26	Lai J., Ma S., Wang Y., et al. [49]	2215		√										1257			293	964							
27	Lai C.-C., Shih T.-P., Ko W.-C., et al. [48]	2170	√											278											√
28	Wan Y., Shang J., Graham R., et al. [82]	1968	√									√								√					√
29	Rothan H.A., Byrareddy S.N. [69]	1930										√	√							√					√
30	Qin C., Zhou L., Hu Z., et al. [64]	1874	√							√				452	√		235	217							
31	Klok F.A., Kruip M.J.H.A., van der Meer	1867	√											184											
32	Yan R., Zhang Y., Li Y., et al. [93]	1852							√												√				
33	Chen G., Wu D., Guo W., et al. [14]	1830				√						√		21			17	4		√					
34	Ackermann M. et al. [1]	1824																							
35	Guo Y.-R., Cao Q.-D., Hong Z.-S., et al. [34]	1772	√									√	√						√	√					

36	Chen H., Guo J., Wang C., et al. [15]	1763	✓		✓																		
37	Sohrabi C., Alsafi Z., O'Neill N., et al. [76]	1752		✓																			✓
38	Shi S., Qin M., Shen B., et al. [74]	1749	✓			✓																	
39	Chen T., Wu D., Chen H., et al. [17]	1739			✓	✓																	
40	Shi H., Han X., Jiang N., Cao Y., et al. [73]	1698	✓		✓	✓																	
41	Guo T., Fan Y., Chen M., et al. [33]	1647	✓																				
42	Holmes E.A., O'Connor R.C., Perry V.H., et al. [40]	1637	✓																				
43	Zhang J.-J., Dong X., Cao Y.-Y., et al. [96]	1627			✓	✓																	
44	Dong Y., Dong Y., Mo X., Hu Y., et al. [23]	1604				✓																	
45	He X., Lau E.H.Y., Wu P., et al. [35]	1598	✓																				

56	Guan W.-J., Liang W.-H., Zhao Y., et al. [32]	1365	√							√				1590			686								
57	Williamson E.J., Walker A.J., Bhaskaran K., et al. [86]	1358							√				√												
58	Grein J., Ohmagari N., Shin D., et al. [29]	1350								√				61			904								
59	Cao W., Fang Z., Hou G., et al. [11]	1318		√									√												
60	Verity R., Okell L.C., Dorigatti I., et al. [81]	1309							√			√													
61	Gordon D.E., Jang G.M., Bouhaddou M., et al. [26]	1300	√																	√					
62	Liu Y., Gayle A.A., Wilder-Smith A., Rocklöv J.[54]	1298	√												√				√						
63	Chen Y., Liu Q., Guo D.	1279													√										
64	Blanco-Melo D., Nilsson-Payant B.E., Liu W.-C., et	1274	√																	√					
65	Shen C., Wang Z., Zhao F., et al. [71]	1260								√				05			03								

66	Chan J.F.-W., Kok K.-H., Zhu Z., et al. [12]	1243					√				√							√	√							
67	Bikdeli B., Madhavan M.V., Jimenez D., et al. [8]	1237								√		√														√
68	Sanders J.M., Monogue M.L., Jodlowski T.Z., Cutrell J.B. [70]	1237	√									√														
69	Chung M., Bernheim A., Mei X., et al. [21]	1234	√										√	21	13	8										
70	Chu D.K., Akl E.-A., Duda S., et al. [20]	1194										√		172 studies												√
71	Xu X., Han M., Li T., Sun W., et al. [91]	1190	√							√				21												
72	Long Q.-X., Liu B.-Z., Deng H.-J., et al. [55]	1186	√							√				285												
73	Bhatraju P.K., Ghassemieh B.J., Nichols M., et al. [7]	1185							√				√	24												
74	Korber B., Fischer W.M., Gnanakaran S., et al. [47]	1184	√								√							√								
75	Bavel J.J.V., Baicker K., Boggio P.S., et al. [4]	1181		√																						√

76	Emanuel E.J., Persad G., Upshur R., et al. [24]	1174						√																
77	Chinazzi M., Davis J.T., Ajelli M., et al. [19]	1173						√																
78	Hollander J.E., Carr B.G. [39]	1168																						
79	Jin Z., Du X., Xu Y., et al. [44]	1164																						
80	Bernheim A., Mei X., Huang M., et al. [6]	1161												121	61	60								
81	Grifoni A., Weiskopf D., Ramirez S.I., et al. [30]	1155			√							√	20	9	11	√								
82	Shereen M.A., Khan S., Kazmi A., et al. [72]	1153								√						√	√							√
83	Ou X., Liu Y., Lei X., et al. [60]	1150			√					√		√												
84	Zhao J., Yuan Q., Wang H., et al. [98]	1130	√						√				173		51.4%	√								
85	Xu H., Zhong L., Deng J., et al. [90]	1118						√																

96	Mizumoto K., Kagaya K., Zarebski A., Chowell G.[58]	1058		√											634	321	313							√
97	Rajkumar R.P.[66]	1057											√		28 articles									
98	Li Y.-C., Bai W.-Z., Hashikawa T.[53]	1041						√					√											
99	Hellewell J., Abbott S., Gimma A., et al. [36]	1023							√															√
100	Docherty A.B., Harrison E.M., Green C.A., et al. [22]	1019							√						20133									