

Biresh K Sahoo

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

45
papers

1,172
citations

20
h-index

34
g-index

55
ext. papers

1,374
ext. citations

3.5
avg, IF

4.79
L-index

#	Paper	IF	Citations
45	Alternative measures of environmental technology structure in DEA: An application. <i>European Journal of Operational Research</i> , 2011 , 215, 750-762	5.6	105
44	Evaluating cost efficiency and returns to scale in the Life Insurance Corporation of India using data envelopment analysis. <i>Socio-Economic Planning Sciences</i> , 2005 , 39, 261-285	3.7	95
43	Degree of scale economies and congestion: A unified DEA approach. <i>European Journal of Operational Research</i> , 2004 , 158, 755-772	5.6	94
42	Scale, indivisibilities and production function in data envelopment analysis. <i>International Journal of Production Economics</i> , 2003 , 84, 165-192	9.3	94
41	Radial and non-radial decompositions of Luenberger productivity indicator with an illustrative application. <i>International Journal of Production Economics</i> , 2011 , 131, 721-726	9.3	88
40	Decomposing capacity utilization in data envelopment analysis: An application to banks in India. <i>European Journal of Operational Research</i> , 2009 , 195, 575-594	5.6	74
39	Cost, revenue and profit efficiency measurement in DEA: A directional distance function approach. <i>European Journal of Operational Research</i> , 2014 , 237, 921-931	5.6	57
38	Decomposing technical efficiency and scale elasticity in two-stage network DEA. <i>European Journal of Operational Research</i> , 2014 , 233, 584-594	5.6	54
37	Examining the drivers of total factor productivity change with an illustrative example of 14 EU countries. <i>Ecological Economics</i> , 2011 , 72, 60-69	5.6	54
36	Radial and non-radial decompositions of profit change: With an application to Indian banking. <i>European Journal of Operational Research</i> , 2009 , 196, 1130-1146	5.6	45
35	Non-parametric measurement of economies of scale and scope in non-competitive environment with price uncertainty. <i>Omega</i> , 2013 , 41, 97-111	7.2	43
34	A comparative application of data envelopment analysis and frontier translog production function for estimating returns to scale and efficiencies. <i>International Journal of Systems Science</i> , 1999 , 30, 379-394	3.3	38
33	Research productivity in management schools of India during 1968-2015: A directional benefit-of-doubt model analysis. <i>Omega</i> , 2017 , 66, 118-139	7.2	31
32	A generalized multiplicative directional distance function for efficiency measurement in DEA. <i>European Journal of Operational Research</i> , 2014 , 232, 679-688	5.6	27
31	Re-examining scale elasticity in DEA. <i>Annals of Operations Research</i> , 2006 , 145, 69-87	3.2	27
30	Rationality of energy efficiency improvement targets under the PAT scheme in India – A case of thermal power plants. <i>Energy Economics</i> , 2017 , 66, 279-289	8.3	26
29	Constructing macroeconomic performance index of Indian states using DEA. <i>Journal of Economic Studies</i> , 2012 , 39, 63-83	2.1	24

28	Returns to growth in a nonparametric DEA approach. <i>International Transactions in Operational Research</i> , 2012 , 19, 463-486	2.9	22
27	An alternative approach to monetary aggregation in DEA. <i>European Journal of Operational Research</i> , 2010 , 204, 672-682	5.6	22
26	Spatial heterogeneity in composite indicator: A methodological proposal. <i>Omega</i> , 2018 , 77, 1-14	7.2	21
25	Decomposing technical inefficiency using the principle of least action. <i>European Journal of Operational Research</i> , 2014 , 239, 776-785	5.6	19
24	Returns to scale and most productive scale size in DEA with negative data. <i>European Journal of Operational Research</i> , 2016 , 255, 545-558	5.6	19
23	Efficiency Models in Data Envelopment Analysis 2006 ,		15
22	Identification of congestion in data envelopment analysis under the occurrence of multiple projections: A reliable method capable of dealing with negative data. <i>European Journal of Operational Research</i> , 2018 , 265, 644-654	5.6	15
21	On the identification of the global reference set in data envelopment analysis. <i>European Journal of Operational Research</i> , 2015 , 245, 779-788	5.6	14
20	Integer data in DEA: Illustrating the drawbacks and recognizing congestion. <i>Computers and Industrial Engineering</i> , 2019 , 135, 675-688	6.4	8
19	Decomposing Efficiency and Returns to Scale in Two-Stage Network Systems. <i>Profiles in Operations Research</i> , 2014 , 137-164	1	7
18	Scale Economies in Indian Commercial Banking Sector. <i>International Journal of Information Systems and Social Change</i> , 2011 , 2, 13-30	0.4	6
17	Productivity and Efficiency Analysis. <i>Springer Proceedings in Business and Economics</i> , 2016 ,	0.2	4
16	Scale Elasticity in Non-parametric DEA Approach. <i>Profiles in Operations Research</i> , 2015 , 269-290	1	4
15	Dynamic Macroeconomic Performance of Indian States: Some Post-Reform Evidence. <i>New Frontiers in Regional Science: Asian Perspectives</i> , 2017 , 181-197	0.3	4
14	On classifying decision making units in DEA: a unified dominance-based model. <i>Annals of Operations Research</i> , 2017 , 250, 167-184	3.2	3
13	FAIR ALLOCATION BASED ON TWO CRITERIA : A DEA GAME VIEW OF "ADD THEM UP AND DIVIDE BY TWO"(Operations Research for Performance Evaluation). <i>Journal of the Operations Research Society of Japan</i> , 2009 , 52, 131-146	0.3	3
12	Measuring Technical Efficiency in Data Envelopment Analysis. <i>Opsearch</i> , 2001 , 38, 456-483	1.6	3
11	Assessing the (eco)macroeconomic performance index of India: A data envelopment analysis approach. <i>Journal of Public Affairs</i> , 2021 , 21,	1.3	2

10	EXAMINING THE PRODUCTIVE PERFORMANCE OF LIFE INSURANCE CORPORATION OF INDIA 2017 , 117-140		1
9	Identification of Congestion in DEA. <i>Profiles in Operations Research</i> , 2020 , 83-119	1	1
8	Identifying the Global Reference Set in DEA: An Application to the Determination of Returns to Scale. <i>Profiles in Operations Research</i> , 2016 , 299-330	1	1
7	An Alternative Approach to Dealing with the Composition Approach for Series Network Production Processes. <i>Asia-Pacific Journal of Operational Research</i> , 2150004	0.8	1
6	DETERMINING RETURNS TO SCALE IN THE VRS DEA MODEL 2017 , 33-39		
5	Health System and Health Expenditure Productivity Changes in Indian States: Has It Changed for the Better in the Post-reform Period?. <i>New Frontiers in Regional Science: Asian Perspectives</i> , 2019 , 71-87	0.3	
4	Scale Economies in Indian Commercial Banking Sector 239-259		
3	An Introduction to Data Envelopment Analysis. <i>Profiles in Operations Research</i> , 2022 , 13-29	1	
2	Stochastic Scale Elasticity. <i>Profiles in Operations Research</i> , 2022 , 119-145	1	
1	Stochastic Network Data Envelopment Analysis. <i>Profiles in Operations Research</i> , 2022 , 77-117	1	