Subal C Kumbhakar

List of Publications by Year
in descending order

210 papers	10,594 citations	61857 43 h-index	62479 80 g-index
220 all docs	220 docs citations	220 times ranked	3515 citing authors

#	Article	IF	Citations
1	A Generalized Production Frontier Approach for Estimating Determinants of Inefficiency in U.S. Dairy Farms. Journal of Business and Economic Statistics, 1991, 9, 279-286.	1.8	589
2	Production frontiers, panel data, and time-varying technical inefficiency. Journal of Econometrics, 1990, 46, 201-211.	3.5	559
3	Technical efficiency in competing panel data models: a study of Norwegian grain farming. Journal of Productivity Analysis, 2014, 41, 321-337.	0.8	354
4	Efficiency measurement using a latent class stochastic frontier model. Empirical Economics, 2004, 29, 169-183.	1.5	255
5	DEA, DFA and SFA: A comparison. Journal of Productivity Analysis, 1996, 7, 303-327.	0.8	251
6	A Generalized Production Frontier Approach for Estimating Determinants of Inefficiency in U.S. Dairy Farms. Journal of Business and Economic Statistics, 1991, 9, 279.	1.8	209
7	Nonparametric stochastic frontiers: A local maximum likelihood approach. Journal of Econometrics, 2007, 137, 1-27.	3.5	187
8	Closed-skew normality in stochastic frontiers with individual effects and long/short-run efficiency. Journal of Productivity Analysis, 2014, 42, 123-136.	0.8	182
9	Deregulation, Ownership, and Productivity Growth in the Banking Industry: Evidence from India. Journal of Money, Credit and Banking, 2003, 35, 403-424.	0.9	165
10	The specification of technical and allocative inefficiency in stochastic production and profit frontiers. Journal of Econometrics, 1987, 34, 335-348.	3.5	161
11	Efficiency Measurement in Swedish Dairy Farms: An Application of Rotating Panel Data, 1976–88. American Journal of Agricultural Economics, 1995, 77, 660-674.	2.4	160
12	FIRM HETEROGENEITY, PERSISTENT AND TRANSIENT TECHNICAL INEFFICIENCY: A GENERALIZED TRUE RANDOM-EFFECTS model. Journal of Applied Econometrics, 2014, 29, 110-132.	1.3	137
13	Estimation of growth convergence using a stochastic production frontier approach. Economics Letters, 2005, 88, 300-305.	0.9	135
14	Joint estimation of technology choice and technical efficiency: an application to organic and conventional dairy farming. Journal of Productivity Analysis, 2009, 31, 151-161.	0.8	131
15	Modeling allocative inefficiency in a translog cost function and cost share equations: An exact relationship. Journal of Econometrics, 1997, 76, 351-356.	3.5	130
16	Estimation and decomposition of productivity change when production is not efficient: a paneldata approach. Econometric Reviews, 2000, 19, 312-320.	0.5	128
17	Relative performance of public and private ownership under yardstick competition: electricity retail distribution. European Economic Review, 1998, 42, 97-122.	1.2	125
18	The Effects of Deregulation on the Performance of Financial Institutions: The Case of Spanish Savings Banks. Journal of Money, Credit and Banking, 2001, 33, 101.	0.9	122

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19	Measuring technical and allocative inefficiency in the translog cost system: a Bayesian approach. Journal of Econometrics, 2005, 126, 355-384.	3.5	101
20	Economies of scale, technical change and persistent and time-varying cost efficiency in Indian banking: Do ownership, regulation and heterogeneity matter?. European Journal of Operational Research, 2017, 260, 789-803.	3.5	99
21	Estimation of technical inefficiency in panel data models with firm- and time-specific effects. Economics Letters, 1991, 36, 43-48.	0.9	98
22	Labour–use efficiency in Swedish social insurance offices. Journal of Applied Econometrics, 1995, 10, 33-47.	1.3	95
23	Economic reforms, efficiency and productivity in Chinese banking. Journal of Regulatory Economics, 2007, 32, 105-129.	0.8	90
24	Risk Preferences, Production Risk and Firm Heterogeneity*. Scandinavian Journal of Economics, 2003, 105, 275-293.	0.7	81
25	Measuring Excess Capital Capacity in Agricultural Production. American Journal of Agricultural Economics, 2009, 91, 765-776.	2.4	76
26	The effects of match uncertainty and bargaining on labor market outcomes: evidence from firm and worker specific estimates. Journal of Productivity Analysis, 2009, 31, 1-14.	0.8	73
27	A zero inefficiency stochastic frontier model. Journal of Econometrics, 2013, 172, 66-76.	3.5	70
28	Corporate R&D and firm efficiency: evidence from Europe’s top R&D investors. Journal of Productivity Analysis, 2012, 37, 125-140.	0.8	69
29	THE MEASUREMENT AND DECOMPOSITION OF COST-INEFFICIENCY: THE TRANSLOG COST SYSTEM *. Oxford Economic Papers, 1991, 43, 667-683.	0.7	68
30	Productivity and efficiency dynamics in Indian banking: An input distance function approach incorporating quality of inputs and outputs. Journal of Applied Econometrics, 2012, 27, 205-234.	1.3	67
31	A New Method for Estimating Market Power with an Application to Norwegian Sawmilling. Review of Industrial Organization, 2012, 40, 109-129.	0.4	65
32	Estimation of Profit Functions When Profit Is Not Maximum. American Journal of Agricultural Economics, 2001, 83, 1-19.	2.4	63
33	Efficiency measurement with multiple outputs and multiple inputs. Journal of Productivity Analysis, 1996, 7, 225-255.	0.8	62
34	Financial constraints and firm productivity: Evidence from Chinese manufacturing. European Journal of Operational Research, 2019, 275, 1139-1156.	3.5	60
35	Nonparametric estimation of a hedonic price function. Journal of Applied Econometrics, 2007, 22, 695-699.	1.3	59
36	When, Where and How to Perform Efficiency Estimation. Journal of the Royal Statistical Society Series A: Statistics in Society, 2012, 175, 863-892.	0.6	58

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37	Productivity in China's high technology industry: Regional heterogeneity and R&D. Technological Forecasting and Social Change, 2012, 79, 127-141.	6.2	56
38	Deregulation and Productivity: The Case of Spanish Banks. Journal of Regulatory Economics, 2005, 27, 331-351.	0.8	54
39	Determinants of offâ€farm work and its effects on farm performance: the case of Norwegian grain farmers. Agricultural Economics (United Kingdom), 2010, 41, 577-586.	2.0	52
40	Dynamics of productivity and technical efficiency in Russian agriculture. European Review of Agricultural Economics, 2012, 39, 611-637.	1.5	52
41	Chapter 12 New uses of DEA and statistical regressions for efficiency evaluation and estimation â€" with an illustrative application to public secondary schools in Texas. Annals of Operations Research, 1996, 66, 255-277.	2.6	51
42	Allocative Distortions, Technical Progress, and Input Demand in U.S. Airlines: 1970-1984. International Economic Review, 1992, 33, 723.	0.6	48
43	A generalized empirical model of corruption, foreign direct investment, and growth. Journal of Macroeconomics, 2014, 42, 298-316.	0.7	48
44	A Cost System Approach to the Stochastic Directional Technology Distance Function with Undesirable Outputs: The Case of us Banks in 2001â€"2010. Journal of Applied Econometrics, 2016, 31, 1407-1429.	1.3	47
45	A stochastic frontier approach to modelling financial constraints in firms: An application to India. Journal of Banking and Finance, 2012, 36, 1311-1319.	1.4	46
46	A simple method to visualize results in nonlinear regression models. Economics Letters, 2012, 117, 578-581.	0.9	46
47	When, where and how to estimate persistent and transient efficiency in stochastic frontier panel data models. European Journal of Operational Research, 2016, 255, 272-287.	3.5	45
48	Endogeneity, heterogeneity, and determinants of inefficiency in Norwegian crop-producing farms. International Journal of Production Economics, 2018, 201, 53-61.	5.1	45
49	Estimation of technical and allocative inefficiency: A primal system approach. Journal of Econometrics, 2006, 134, 419-440.	3.5	44
50	Estimating economies of scale and scope with flexible technology. Journal of Productivity Analysis, 2016, 45, 173-186.	0.8	44
51	Specification and estimation of multiple output technologies: A primal approach. European Journal of Operational Research, 2013, 231, 465-473.	3.5	42
52	Performance of dairy farms in Finland and Norway from 1991 to 2008. European Review of Agricultural Economics, 2014, 41, 63-86.	1.5	41
53	The Joint Measurement of Technical and Allocative Inefficiencies. Journal of the American Statistical Association, 2005, 100, 736-747.	1.8	40
54	Estimation of stochastic frontier production functions with input-oriented technical efficiency. Journal of Econometrics, 2006, 133, 71-96.	3.5	40

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55	Impacts of Norwegian Milk Quotas on Output Growth: A Modified Distance Function Approach. Journal of Agricultural Economics, 2008, 59, 350-369.	1.6	40
56	Nonparametric estimation of the determinants of inefficiency. Journal of Productivity Analysis, 2017, 47, 205-221.	0.8	40
57	Production Frontiers and Panel Data: An Application to U.S. Class 1 Railroads. Journal of Business and Economic Statistics, 1987, 5, 249-255.	1.8	38
58	Do we estimate an input or an output distance function? An application of the mixture approach to European railways. Journal of Productivity Analysis, 2007, 27, 87-100.	0.8	38
59	Technical change and total factor productivity growth: The case of Chinese provinces. Technological Forecasting and Social Change, 2011, 78, 575-590.	6.2	37
60	Panel data stochastic frontier model with determinants of persistent and transient inefficiency. European Journal of Operational Research, 2018, 271, 746-755.	3.5	37
61	Estimation of hedonic price functions with incomplete information. Empirical Economics, 2010, 39, 1-25.	1.5	36
62	Estimation of production risk and risk preference function: a nonparametric approach. Annals of Operations Research, 2010, 176, 369-378.	2.6	36
63	Impact of Subsidies on Farm Productivity and Efficiency. , 2010, , 109-124.		36
64	Changes in Economic Regime and Productivity Growth: A Study of Indian Public Sector Banks. Journal of Comparative Economics, 1997, 25, 196-219.	1.1	35
65	Scale and efficiency measurement using a semiparametric stochastic frontier model: evidence from the U.S. commercial banks. Empirical Economics, 2008, 34, 585-602.	1.5	35
66	Estimation of TFP growth: a semiparametric smooth coefficient approach. Empirical Economics, 2012, 43, 1-24.	1.5	35
67	The good, the bad and the technology: Endogeneity in environmental production models. Journal of Econometrics, 2016, 190, 315-327.	3.5	35
68	Efficiency estimation in a profit maximising model using flexible production function. Agricultural Economics (United Kingdom), 1994, 10, 143-152.	2.0	34
69	How Fast Do Banks Adjust? A Dynamic Model of Labor-Use with an Application to Swedish Banks. Journal of Productivity Analysis, 2002, 18, 79-102.	0.8	34
70	Regulation and efficiency in transition: the case of Romanian banks. Journal of Regulatory Economics, 2008, 33, 253-282.	0.8	34
71	Temporal patterns of technical efficiency: Results from competing models. International Journal of Industrial Organization, 1997, 15, 597-616.	0.6	32
72	Semiparametric smooth-coefficient stochastic frontier model. Economics Letters, 2013, 120, 305-309.	0.9	32

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73	Technical change and total factor productivity growth in swedish manufacturing industries. Econometric Reviews, 1996, 15, 275-298.	0.5	31
74	ESTIMATION OF TECHNICAL EFFICIENCY IN SWEDISH CROP FARMS: A PSEUDO PANEL DATA APPROACH. Journal of Agricultural Economics, 1997, 48, 22-37.	1.6	31
75	Scale economies, technical change and efficiency in Norwegian electricity distribution, 1998â€"2010. Journal of Productivity Analysis, 2015, 43, 295-305.	0.8	30
76	Parametric Approaches to Productivity Measurement: A Comparison among Alternative Models. Scandinavian Journal of Economics, 1999, 101, 405-424.	0.7	29
77	Risk preference and productivity measurement under output price uncertainty. Empirical Economics, 2002, 27, 461-472.	1.5	29
78	Pitfalls in the estimation of a cost function that ignores allocative inefficiency: A Monte Carlo analysis. Journal of Econometrics, 2006, 134, 317-340.	3.5	29
79	Derivation of marginal effects of determinants of technical inefficiency. Economics Letters, 2013, 120, 249-253.	0.9	29
80	Estimation of Input Distance Functions: A System Approach. American Journal of Agricultural Economics, 2015, 97, 1478-1493.	2.4	29
81	Endogeneity in panel data stochastic frontier model with determinants of persistent and transient inefficiency. Economics Letters, 2018, 162, 5-9.	0.9	29
82	Estimation and decomposition of inefficiency when producers maximize return to the outlay: an application to Norwegian fishing trawlers. Journal of Productivity Analysis, 2013, 40, 307-321.	0.8	28
83	Productivity and efficiency estimation: A semiparametric stochastic cost frontier approach. European Journal of Operational Research, 2015, 245, 194-202.	3.5	28
84	Estimation and inference under economic restrictions. Journal of Productivity Analysis, 2014, 41, 111-129.	0.8	26
85	Do banking sector and stock market development matter for economic growth?. Empirical Economics, 2020, 59, 1513-1535.	1.5	26
86	Markov switching stochastic frontier model. Econometrics Journal, 2004, 7, 398-425.	1.2	25
87	Public and Private Capital Productivity Puzzle: A Nonparametric Approach. Southern Economic Journal, 2006, 73, 219.	1.3	25
88	Stochastic error specification in primal and dual production systems. Journal of Applied Econometrics, 2011, 26, 270-297.	1.3	25
89	Estimation of production technology when the objective is to maximize return to the outlay. European Journal of Operational Research, 2011, 208, 170-176.	3.5	25
90	Consolidation in the European banking industry: how effective is it?. Journal of Productivity Analysis, 2011, 36, 247-261.	0.8	23

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91	Management in production: from unobserved to observed. Journal of Productivity Analysis, 2018, 49, 111-121.	0.8	23
92	Technical and allocative efficiency in a panel stochastic production frontier system model. European Journal of Operational Research, 2019, 278, 255-265.	3.5	23
93	Efficiency and productivity of world health systems: where does your country stand?. Applied Economics, 2010, 42, 1641-1659.	1.2	22
94	ENJOYING THE QUIET LIFE UNDER DEREGULATION? NOT QUITE. Journal of Applied Econometrics, 2014, 29, 333-343.	1.3	22
95	Productivity growth in passenger-bus transportation: A heteroskedastic error component model with unbalanced panel data. Empirical Economics, 1996, 21, 557-573.	1.5	21
96	Ownership, business environment and productivity change. Journal of Comparative Economics, 2008, 36, 498-509.	1.1	20
97	Specification and estimation of primal production models. European Journal of Operational Research, 2012, 217, 509-518.	3.5	20
98	Markup and efficiency of Indian banks: an input distance function approach. Empirical Economics, 2016, 51, 1689-1719.	1.5	20
99	The effects of access to credit on productivity: separating technological changes from changes in technical efficiency. Journal of Productivity Analysis, 2019, 52, 37-55.	0.8	20
100	Productivity spillovers and human capital: A semiparametric varying coefficient approach. European Journal of Operational Research, 2020, 287, 317-330.	3.5	19
101	Estimation of firmâ€level productivity in the presence of exports: Evidence from China's manufacturing. Journal of Applied Econometrics, 2020, 35, 457-480.	1.3	19
102	Accounting for risk in productivity analysis: an application to Norwegian dairy farming. Journal of Productivity Analysis, 2017, 47, 247-257.	0.8	18
103	Yardstick Regulation of Electricity Distributionâ€"Disentangling Short-run and Long-run Inefficiencies. Energy Journal, 2017, 38, 17-38.	0.9	18
104	RISK PREFERENCES UNDER PRICE UNCERTAINTIES AND PRODUCTION RISK. Communications in Statistics - Theory and Methods, 2001, 30, 1715-1735.	0.6	17
105	Institutions, Foreign Direct Investment and Growth: A Hierarchical Bayesian Approach. Journal of the Royal Statistical Society Series A: Statistics in Society, 2012, 175, 83-105.	0.6	16
106	Joint estimation of the Lerner index and cost efficiency using copula methods. Empirical Economics, 2018, 54, 799-822.	1.5	16
107	Determinants of allocative and technical inefficiency in stochastic frontier models: An analysis of Norwegian electricity distribution firms. European Journal of Operational Research, 2021, 288, 983-991.	3.5	16
108	Heterogeneity of technological regimes and banking efficiency in former socialist economies. Journal of Productivity Analysis, 2010, 33, 19-31.	0.8	15

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109	Estimation of productivity in Korean electric power plants: A semiparametric smooth coefficient model. Energy Economics, 2014, 45, 491-500.	5.6	15
110	A generalized panel data switching regression model. Economics Letters, 2014, 124, 353-357.	0.9	15
111	Crime in India: specification and estimation of violent crime index. Journal of Productivity Analysis, 2015, 43, 13-28.	0.8	15
112	An internally consistent approach to the estimation of market power and cost efficiency with an application to U.S.Âbanking. European Journal of Operational Research, 2018, 270, 747-760.	3.5	15
113	Economies of scope and scale in the Norwegian electricity industry. Economic Modelling, 2020, 88, 39-46.	1.8	15
114	Stochastic Frontier Analysis: Foundations and Advances I. , 2020, , 1-39.		15
115	Achieving a sustainable cost-efficient business model in banking: The case of European commercial banks. European Journal of Operational Research, 2021, 293, 773-785.	3.5	15
116	Do subsidies increase firm productivity? Evidence from Chinese manufacturing enterprises. European Journal of Operational Research, 2022, 303, 388-400.	3.5	15
117	Testing cost vs. profit function. Applied Economics Letters, 2007, 14, 715-718.	1.0	14
118	Estimation of firm performance from a MIMIC model. European Journal of Operational Research, 2016, 255, 298-307.	3.5	14
119	Varying coefficient panel data model in the presence of endogenous selectivity and fixed effects. Journal of Econometrics, 2016, 190, 233-251.	3.5	14
120	ARE DIVERSIFICATION AND STRUCTURAL CHANGE GOOD POLICY? AN EMPIRICAL ANALYSIS OF NORWEGIAN AGRICULTURE. Journal of Agricultural & Applied Economics, 2019, 51, 1-26.	0.8	14
121	On the estimation of technical and allocative efficiency in a panel stochastic production frontier system model: Some new formulations and generalizations. European Journal of Operational Research, 2020, 287, 762-775.	3.5	14
122	Estimation of firm-specific technological bias, technical change and total factor productivity growth: a dual approach. Econometric Reviews, 2000, 19, 162-173.	0.5	13
123	Does deregulation make markets more competitive? Evidence of mark-ups in Spanish savings banks. Applied Financial Economics, 2004, 14, 507-515.	0.5	13
124	Productivity and technical change: Measurement and testing. Empirical Economics, 2004, 29, 185-191.	1.5	13
125	Bayesian Approach to Disentangling Technical and Environmental Productivity. Econometrics, 2015, 3, 443-465.	0.5	13
126	Estimation of banking technology under credit uncertainty. Empirical Economics, 2015, 49, 185-211.	1.5	13

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127	Is Tinkering with Institutional Quality a Panacea for Firm Performance? Insights from a Semiparametric Approach to Modeling Firm Performance. Review of Development Economics, 2018, 22, 1-22.	1.0	13
128	Estimation of Technical Efficiency Using Flexible Functional Form and Panel Data. Journal of Business and Economic Statistics, 1989, 7, 253-258.	1.8	12
129	Biases in approximating log production. Journal of Applied Econometrics, 2011, 26, 708-714.	1.3	12
130	Bayesian estimation approaches to first-price auctions. Journal of Econometrics, 2012, 168, 47-59.	3.5	12
131	Stochastic Frontier Analysis: Foundations and Advances II. , 2020, , 1-38.		12
132	Is the post-reform growth of the Indian manufacturing sector efficiency driven? Empirical evidence from plant-level data. Journal of Asian Economics, 2010, 21, 219-232.	1.2	11
133	Nonparametric estimation of returns to scale using input distance functions: an application to large U.S. banks. Empirical Economics, 2015, 48, 143-168.	1.5	11
134	Good modeling of bad outputs: editors' introduction. Empirical Economics, 2018, 54, 1-6.	1.5	11
135	Nonparametric estimates of the clean and dirty energy substitutability. Economics Letters, 2018, 168, 118-122.	0.9	11
136	Nonparametric estimation of the determinants of inefficiency in the presence of firm heterogeneity. European Journal of Operational Research, 2020, 286, 1142-1152.	3.5	11
137	Efficiency of the Primary and Secondary Schools in Sweden. Scandinavian Journal of Educational Research, 1997, 41, 33-51.	1.0	10
138	A general model of technical change with an application to the OECD countries. Economics of Innovation and New Technology, 2014, 23, 25-48.	2.1	10
139	Economies of diversification in the US credit union sector. Journal of Applied Econometrics, 2017, 32, 1329-1347.	1.3	10
140	Estimation of a dynamic stochastic frontier model using likelihood-based approaches. Journal of Applied Econometrics, 2020, 35, 217-247.	1.3	10
141	Decomposing Technical Change with Panel Data: An Application to the Public Sector. Scandinavian Journal of Economics, 1995, 97, 309.	0.7	9
142	Estimation of input-oriented technical efficiency using a nonhomogeneous stochastic production frontier model. Agricultural Economics (United Kingdom), 2008, 38, 99-108.	2.0	9
143	Strategic groups and heterogeneous technologies: an application to the US banking industry. Macroeconomics and Finance in Emerging Market Economies, 2009, 2, 31-57.	0.5	9
144	Some Recent Developments in Efficiency Measurement in Stochastic Frontier Models. Journal of Probability and Statistics, 2011, 2011, 1-25.	0.3	9

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145	Semiparametric Smooth Coefficient Stochastic Frontier Model With Panel Data. Journal of Business and Economic Statistics, 2019, 37, 556-572.	1.8	9
146	Dissections of input and output efficiency: A generalized stochastic frontier model. International Journal of Production Economics, 2021, 232, 107940.	5.1	9
147	Financial Sector Development and Total Factor Productivity Growth. , 2008, , 231-259.		9
148	Recent Advances in the Panel Stochastic Frontier Models: Heterogeneity, Endogeneity and Dependence. , 2022, 01, .		9
149	Accounting for <scp>cross-location</scp> technological heterogeneity in the measurement of operations efficiency and productivity. Journal of Operations Management, 2022, 68, 153-184.	3.3	9
150	Factor productivity and technical change. Applied Economics Letters, 2003, 10, 291-297.	1.0	8
151	Cost efficiency of Kazakhstan and Russian banks: results from competing panel data models[1]. Macroeconomics and Finance in Emerging Market Economies, 2013, 6, 88-113.	0.5	8
152	A new method to decompose profit efficiency: an application to US commercial banks. Journal of Productivity Analysis, 2017, 48, 117-132.	0.8	8
153	Estimation of firm productivity in the presence of spillovers and common shocks. Empirical Economics, 2021, 60, 3135-3170.	1.5	8
154	Decomposition of technical change into input-specific components: a factor augmenting approach. Japan and the World Economy, 2002, 14, 243-264.	0.4	7
155	Productivity and profitability decomposition: A parametric distance function approach. Acta Agriculturae Scandinavica Section C: Food Economics, 2009, 6, 143-155.	0.1	7
156	A note on a semiparametric approach to estimating financing constraints in firms. European Journal of Finance, 2015, 21, 992-1004.	1.7	7
157	Smooth coefficient models with endogenous environmental variables. Econometric Reviews, 2020, 39, 158-180.	0.5	7
158	Stochastic Frontier Analysis: Foundations and Advances I. , 2021, , 1-40.		7
159	Economic performance of US Class 1 railroads: a stochastic frontier approach. Applied Economics, 1989, 21, 1433-1446.	1.2	6
160	A dynamic profit function with adjustment costs for outputs. Empirical Economics, 2008, 35, 379-393.	1.5	6
161	Maximum likelihood estimation of the revenue function system with output-specific technical efficiency. Economics Letters, 2016, 138, 42-45.	0.9	6
162	How to survive and compete: the impact of information asymmetry on productivity. Journal of Productivity Analysis, 2020, 53, 107-123.	0.8	6

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163	Persistent and transient inefficiency in adult education. Empirical Economics, 2021, 60, 2925-2942.	1.5	6
164	Obelix vs. Asterix: Size of US commercial banks and its regulatory challenge. Journal of Regulatory Economics, 2015, 48, 125-168.	0.8	5
165	Estimation of productivity and markups with price dispersion: Evidence from Chinese manufacturing during economic transition. Southern Economic Journal, 2020, 87, 666-699.	1.3	5
166	Modeling dependence in two-tier stochastic frontier models. Journal of Productivity Analysis, 2021, 56, 85.	0.8	5
167	Stochastic Frontier Analysis: Foundations and Advances I. , 2022, , 331-370.		5
168	Stochastic Frontier Analysis: Foundations and Advances II. , 2022, , 371-408.		5
169	Work effort, technical efficiency and productivity growth. Econometric Reviews, 1991, 10, 101-123.	0.5	4
170	Estimation of a smooth coefficient zero-inefficiency panel stochastic frontier model: A semiparametric approach. Economics Letters, 2018, 166, 25-30.	0.9	4
171	A hedonic-output-index-based approach to modeling polluting technologies. Empirical Economics, 2018, 54, 287-308.	1.5	4
172	Implementing Generalized Panel Data Stochastic Frontier Estimators. , 2019, , 225-249.		4
173	Endogenous dynamic efficiency in the intertemporal optimization models of firm behavior. European Journal of Operational Research, 2020, 284, 313-324.	3.5	4
174	Excess capacity, production technology and technical inefficiency in hospitality sector. Tourism Management, 2021, 82, 104202.	5.8	4
175	Are U.S. Commercial Banks Too Big?. SSRN Electronic Journal, 0, , .	0.4	4
176	Decomposition of Output, Productivity and Market Structure Changes. European Journal of Operational Research, 2022, 303, 422-437.	3.5	4
177	KLEM substitutability: a dynamic flexible demand system. Applied Economics, 1990, 22, 275-283.	1.2	3
178	Heterogeneous credit union production technologies with endogenous switching and correlated effects. Econometric Reviews, 2018, 37, 1095-1119.	0.5	3
179	Estimation of costs of technical and allocative inefficiency. Journal of Productivity Analysis, 2021, 55, 41-46.	0.8	3
180	Productivity and Efficiency Measurement Using Parametric Econometric Methods. , 2006, , 21-66.		3

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181	Labor-use efficiency and employment elasticity in Chinese manufacturing. Journal of Industrial and Business Economics, 2013, , 5-23.	0.8	3
182	Public and Private Capital Productivity Puzzle: A Nonparametric Approach. Southern Economic Journal, 2006, 73, 219-232.	1.3	3
183	Panel Stochastic Frontier Model With Endogenous Inputs and Correlated Random Components. Journal of Business and Economic Statistics, 2023, 41, 80-96.	1.8	3
184	Does risk management affect productivity of organic rice farmers in India? Evidence from a semiparametric production model. European Journal of Operational Research, 2022, 303, 1392-1402.	3.5	3
185	On the equivalence of two normalizations in estimating shadow cost functions. Economics Letters, 2004, 82, 15-19.	0.9	2
186	Improving the econometric precision of regulatory models. Journal of Regulatory Economics, 2010, 38, 144-166.	0.8	2
187	Estimation of Banking Technology Under Credit Uncertainty. SSRN Electronic Journal, 2013, , .	0.4	2
188	Do urbanization and public expenditure affect productivity growth? The case of Chinese Provinces. Indian Economic Review, 2017, 52, 127-156.	0.5	2
189	Stochastic frontier models with time-varying conditional variances. European Journal of Operational Research, 2021, 292, 1115-1132.	3.5	2
190	A multi-output multi-input stochastic frontier system with input- and output-specific inefficiency. Economics Letters, 2021, 201, 109807.	0.9	2
191	Efficiency in reducing air pollutants and healthcare expenditure in the Seoul Metropolitan City of South Korea. Environmental Science and Pollution Research, 2021, 28, 25442-25459.	2.7	2
192	Estimation of staff use efficiency: Evidence from the hospitality industry. Technological Forecasting and Social Change, 2022, 178, 121585.	6.2	2
193	The GMM estimation of semiparametric spatial stochastic frontier models. European Journal of Operational Research, 2023, 305, 1450-1464.	3.5	2
194	Measuring Price Responsiveness Under a Profit Maximization Framework. Journal of Quantitative Economics, 2003, 1, 66-81.	0.2	1
195	Semiparametric Smooth Coefficient Estimation of a Production System. Pacific Economic Review, 2016, 21, 464-482.	0.7	1
196	Information asymmetry and leverage adjustments: a semiparametric varyingâ€coefficient approach. Journal of the Royal Statistical Society Series A: Statistics in Society, 2020, 183, 581-605.	0.6	1
197	Energy Intensity and Long- and Short-Term Efficiency in US Manufacturing Industry. Energies, 2020, 13, 3954.	1.6	1
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199	A General Error Revenue Function Model with Technical Inefficiency: An Application to Norwegian Fishing Trawler. Springer Proceedings in Business and Economics, 2016, , 51-70.	0.3	1
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