

# John A Mathews

## List of Publications by Year in descending order

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108  
papers

8,376  
citations

87401

40  
h-index

56606

87  
g-index

117  
all docs

117  
docs citations

117  
times ranked

5782  
citing authors

#	ARTICLE	IF	CITATIONS
1	Overcoming incumbent resistance to the clean energy shift: How local governments act as change agents in coal power station closures in China. <i>Energy Policy</i> , 2021, 149, 112058.	4.2	28
2	Schumpeterian economic dynamics of greening: propagation of green eco-platforms. <i>Journal of Evolutionary Economics</i> , 2020, 30, 929-948.	0.8	9
3	The Rise of New Green Industries: A Dynamic View of China's (and India's) Eco-Modernizing Experience. <i>Series on Contemporary China</i> , 2019, , 187-214.	0.0	1
4	Urban Mining of E-Waste is Becoming More Cost-Effective Than Virgin Mining. <i>Environmental Science &amp; Technology</i> , 2018, 52, 4835-4841.	4.6	246
5	Moving to a Circular Economy in China: Transforming Industrial Parks into Eco-industrial Parks. <i>California Management Review</i> , 2018, 60, 157-181.	3.4	40
6	Dragon multinationals powered by linkage, leverage and learning: A review and development. <i>Asia Pacific Journal of Management</i> , 2017, 34, 769-775.	2.9	75
7	Global trade and promotion of cleantech industry: a post-Paris agenda. <i>Climate Policy</i> , 2017, 17, 102-110.	2.6	6
8	Competing principles driving energy futures: Fossil fuel decarbonization vs. manufacturing learning curves. <i>Futures</i> , 2016, 84, 1-11.	1.4	3
9	Internationalization of emerging Indian multinationals: Linkage, leverage and learning (LLL) perspective. <i>International Business Review</i> , 2016, 25, 435-443.	2.6	86
10	Circular economy: Lessons from China. <i>Nature</i> , 2016, 531, 440-442.	13.7	181
11	Greening of Business. , 2015, , 392-396.		3
12	Trade policy, climate change and the greening of business. <i>Australian Journal of International Affairs</i> , 2015, 69, 610-624.	0.8	2
13	Zhu Xi's neo-Confucian school: An organizational studies reading. <i>Asian Business and Management</i> , 2015, 14, 227-246.	1.7	3
14	Are the land and other resources required for total substitution of fossil fuel power systems impossibly large? Evidence from concentrating solar power and China. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 46, 275-281.	8.2	10
15	China's Renewable Energy Revolution. , 2015, , .		37
16	Accelerated internationalization and resource leverage strategizing: The case of Chinese wind turbine manufacturers. <i>Journal of World Business</i> , 2015, 50, 417-427.	4.6	62
17	Concentrating solar power: a renewable energy frontier. <i>Carbon Management</i> , 2014, 5, 293-308.	1.2	10
18	China's energy industrial revolution. <i>Carbon Management</i> , 2014, 5, 1-3.	1.2	16

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19	Renewables, manufacturing and green growth: Energy strategies based on capturing increasing returns. <i>Futures</i> , 2014, 61, 13-22.	1.4	37
20	China leads the way on renewables. <i>Nature</i> , 2014, 508, 319-319.	13.7	22
21	Economics: Manufacture renewables to build energy security. <i>Nature</i> , 2014, 513, 166-168.	13.7	63
22	A 10 Trillion Watt "Big Push" to Decarbonize the World's Electric Power. <i>Journal of Sustainable Energy Engineering</i> , 2014, 2, 87-100.	0.3	3
23	The industrial logistic surface: Displaying the impact of energy policy on uptake of new technologies. <i>Energy</i> , 2013, 57, 733-740.	4.5	7
24	The renewable energies technology surge: A new techno-economic paradigm in the making?. <i>Futures</i> , 2013, 46, 10-22.	1.4	77
25	The transformation of the electric power sector in China. <i>Energy Policy</i> , 2013, 52, 170-180.	4.2	26
26	Financing climate-friendly energy development through bonds. <i>Development Southern Africa</i> , 2012, 29, 337-349.	1.1	31
27	Green growth strategies: Korean and Chinese initiatives. <i>Carbon Management</i> , 2012, 3, 353-356.	1.2	3
28	Knowledge flows in the solar photovoltaic industry: Insights from patenting by Taiwan, Korea, and China. <i>Research Policy</i> , 2012, 41, 524-540.	3.3	120
29	Reforming the international patent system. <i>Review of International Political Economy</i> , 2012, 19, 169-180.	3.2	1
30	Green growth strategies"Korean initiatives. <i>Futures</i> , 2012, 44, 761-769.	1.4	139
31	Design of Industrial and Supra-Firm Architectures: Growth and Sustainability. <i>Journal of Organization Design</i> , 2012, 1, 42.	0.7	4
32	Naturalizing capitalism: The next Great Transformation. <i>Futures</i> , 2011, 43, 868-879.	1.4	54
33	Fast-Follower Industrial Dynamics: The Case of Taiwan's Emergent Solar Photovoltaic Industry. <i>Industry and Innovation</i> , 2011, 18, 177-202.	1.7	46
34	China's move to a Circular Economy as a development strategy. <i>Asian Business and Management</i> , 2011, 10, 463-484.	1.7	34
35	Origins and dynamics of university spin-offs: the case of Hong Kong. <i>International Journal of Transitions and Innovation Systems</i> , 2011, 1, 175.	0.3	7
36	Progress Toward a Circular Economy in China. <i>Journal of Industrial Ecology</i> , 2011, 15, 435-457.	2.8	359

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37	A conceptual lignocellulosic "feed+fuel"™ biorefinery and its application to the linked biofuel and cattle raising industries in Brazil. <i>Energy Policy</i> , 2011, 39, 4932-4938.	4.2	23
38	Cyclical industrial dynamics: The case of the global semiconductor industry. <i>Technological Forecasting and Social Change</i> , 2010, 77, 344-353.	6.2	15
39	Mobilizing private finance to drive an energy industrial revolution. <i>Energy Policy</i> , 2010, 38, 3263-3265.	4.2	60
40	From Washington Consensus to BeST Consensus for world development. <i>Asian-Pacific Economic Literature</i> , 2010, 24, 86-103.	0.7	54
41	Lachmannian Insights into Strategic Entrepreneurship: Resources, Activities and Routines in a Disequilibrium World. <i>Organization Studies</i> , 2010, 31, 219-244.	3.8	46
42	Climate bonds: mobilizing private financing for carbon management. <i>Carbon Management</i> , 2010, 1, 9-13.	1.2	12
43	Identification and analysis of industry cycles. <i>Journal of Business Research</i> , 2010, 63, 454-462.	5.8	22
44	Designing Energy Industries for the Next Industrial Revolution. <i>Organizational Dynamics</i> , 2010, 39, 155-164.	1.6	4
45	China, India and Brazil: Tiger technologies, dragon multinationals and the building of national systems of economic learning. <i>Asian Business and Management</i> , 2009, 8, 5-32.	1.7	34
46	Estimating the innovation effects of university"industry"government linkages: The case of Taiwan. <i>Journal of Management and Organization</i> , 2009, 15, 138-154.	1.6	9
47	Biofuels and indirect land use change effects: the debate continues. <i>Biofuels, Bioproducts and Biorefining</i> , 2009, 3, 305-317.	1.9	83
48	From the petroeconomy to the bioeconomy: Integrating bioenergy production with agricultural demands. <i>Biofuels, Bioproducts and Biorefining</i> , 2009, 3, 613-632.	1.9	48
49	Capturing latecomer advantages in the adoption of biofuels: The case of Argentina. <i>Energy Policy</i> , 2009, 37, 326-337.	4.2	34
50	Integrating private transport into renewable energy policy: The strategy of creating intelligent recharging grids for electric vehicles. <i>Energy Policy</i> , 2009, 37, 2481-2486.	4.2	275
51	Estimating the innovation effects of university"industry"government linkages: The case of Taiwan. <i>Journal of Management and Organization</i> , 2009, 15, 138-154.	1.6	14
52	Towards a sustainably certifiable futures contract for biofuels. <i>Energy Policy</i> , 2008, 36, 1577-1583.	4.2	23
53	Opinion: is growing biofuel crops a crime against humanity?. <i>Biofuels, Bioproducts and Biorefining</i> , 2008, 2, 97-99.	1.9	20
54	Biofuels, climate change and industrial development: can the tropical South build 2000 biorefineries in the next decade?. <i>Biofuels, Bioproducts and Biorefining</i> , 2008, 2, 103-125.	1.9	14

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55	Carbon-negative biofuels. Energy Policy, 2008, 36, 940-945.	4.2	193
56	How carbon credits could drive the emergence of renewable energies. Energy Policy, 2008, 36, 3633-3639.	4.2	33
57	The evolving nature of Taiwan's national innovation system: The case of biotechnology innovation networks. Research Policy, 2008, 37, 430-445.	3.3	140
58	China's national innovative capacity. Research Policy, 2008, 37, 1465-1479.	3.3	263
59	The Birth of the Biotechnology Era: Penicillin in Australia, 1943-1981. Prometheus, 2008, 26, 317-333.	0.2	2
60	Latecomer strategies for catching-up: the cases of renewable energies and the LED programme. International Journal of Technological Learning, Innovation and Development, 2007, 1, 34.	0.1	20
61	The international entrepreneurial dynamics of accelerated internationalisation. Journal of International Business Studies, 2007, 38, 387-403.	4.6	400
62	Accelerated Internationalisation by Emerging Multinationals: The Case of the White Goods Sector. SSRN Electronic Journal, 2007, , .	0.4	20
63	Biofuels: What a Biopact between North and South could achieve. Energy Policy, 2007, 35, 3550-3570.	4.2	90
64	Seven steps to curb global warming. Energy Policy, 2007, 35, 4247-4259.	4.2	35
65	Enhancing the Role of Universities in Building National Innovative Capacity in Asia: The Case of Taiwan. World Development, 2007, 35, 1005-1020.	2.6	84
66	Accelerated internationalization by emerging markets'™ multinationals: The case of the white goods sector. Journal of World Business, 2007, 42, 369-383.	4.6	339
67	Catch-up strategies and the latecomer effect in industrial development. New Political Economy, 2006, 11, 313-335.	2.7	148
68	The evolving role of research consortia in East Asia. Innovation: Management, Policy and Practice, 2006, 8, 84-101.	2.6	4
69	Dragon multinationals: New players in 21st century globalization. Asia Pacific Journal of Management, 2006, 23, 5-27.	2.9	1,456
70	Response to Professors Dunning and Narula. Asia Pacific Journal of Management, 2006, 23, 153-155.	2.9	45
71	Free trade in mad cows: how to kill a beef industry. Australian Journal of International Affairs, 2006, 60, 376-399.	0.8	6
72	Ricardian rents or Knightian profits? More on Austrian insights on strategic organization. Strategic Organization, 2006, 4, 97-108.	3.1	36

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73	Strategy and the Crystal Cycle. California Management Review, 2005, 47, 6-32.	3.4	145
74	The intellectual roots of latecomer industrial development. International Journal of Technology and Globalisation, 2005, 1, 433.	0.1	13
75	National innovative capacity in East Asia. Research Policy, 2005, 34, 1322-1349.	3.3	274
76	Farewell Editorial. Industry and Innovation, 2004, 11, 267-272.	1.7	0
77	Book Review Essay: New Perspectives on Global Industrial Dynamics Managing New Industry Creation: Global Knowledge Formation and Entrepreneurship in High Technology, by MurthaThomas P., LenwayStefanie A., and HartJeffrey A.. Stanford, CA: Stanford University Press, 2001. From Silicon Valley to Singapore: Location and Competitive Advantage in the Hard Disk Drive Industry, by McKendrickDavid G., DonerRichard F., and HaggardStephan. Stanford, CA: Stanford University Press, 2000.. Academy of Management Review, 2004, 29, 505-509.	7.4	0
78	SCHUMPETER'S "LOST" SEVENTH CHAPTER. Industry and Innovation, 2002, 9, 1-5.	1.7	16
79	The origins and dynamics of Taiwan's R&D consortia. Research Policy, 2002, 31, 633-651.	3.3	137
80	A resource-based view of Schumpeterian economic dynamics. Journal of Evolutionary Economics, 2002, 12, 29-54.	0.8	78
81	Title is missing!. Asia Pacific Journal of Management, 2002, 19, 467-488.	2.9	583
82	COMPETITIVE INTERFIRM DYNAMICS WITHIN AN INDUSTRIAL MARKET SYSTEM. Industry and Innovation, 2001, 8, 79-107.	1.7	12
83	National systems of economic learning: the case of technology diffusion management in East Asia. International Journal of Technology Management, 2001, 22, 455.	0.2	71
84	Combinative capabilities and organizational learning in latecomer firms: the case of the Korean semiconductor industry. Journal of World Business, 1999, 34, 139-156.	4.6	112
85	A Silicon Island of the East: Creating a Semiconductor Industry in Singapore. California Management Review, 1999, 41, 55-78.	3.4	53
86	A conversation with the Acer Group's Stan Shih on global strategy and management. Organizational Dynamics, 1998, 27, 65-74.	1.6	22
87	Competing in the Global Flat Panel Display Industry: Introduction. Industry and Innovation, 1998, 5, 1-10.	1.7	8
88	A Silicon Valley of the East: Creating Taiwan's Semiconductor Industry. California Management Review, 1997, 39, 26-54.	3.4	211
89	Document The Development and Upgrading of Manufacturing Industries in Taiwan. Industry and Innovation, 1997, 4, 277-301.	1.7	1
90	High Technology Industrialisation In East Asia. Journal of Industry Studies, 1996, 3, 1-77.	0.3	31

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91	Holonic organisational architectures. Human Systems Management, 1996, 15, 27-54.	0.5	73
92	Organizational foundations of economic learning. Human Systems Management, 1996, 15, 113-124.	0.5	20
93	Organizational foundations of object-oriented programming. Journal of Systems and Software, 1996, 34, 247-253.	3.3	7
94	Organizational foundations of intelligent manufacturing systems – the holonic viewpoint. Computer Integrated Manufacturing Systems, 1995, 8, 237-243.	0.1	64
95	Organisational Innovation: Competing Models of Productive Efficiency. Human Systems Management, 1995, 14, 71-90.	0.5	1
96	The Governance of Inter-Organisational Networks. Corporate Governance: an International Review, 1994, 2, 14-19.	2.4	12
97	Innovation Alliances In Taiwan. Journal of Industry Studies, 1994, 1, 91-101.	0.3	14
98	Tcg R&D Networks. Journal of Industry Studies, 1993, 1, 65-74.	0.3	8
99	The industrial relations of skills formation. International Journal of Human Resource Management, 1993, 4, 591-609.	3.3	12
100	Theoretical Perspectives on Enterprise and Award Restructuring in Australia. Asia Pacific Journal of Human Resources, 1990, 28, 30-39.	2.5	2
101	Two Models of Award Restructuring in Australia. Labour & Industry, 1990, 3, 58-75.	0.8	47
102	The New Production Systems Debate. Labour & Industry, 1989, 2, 194-246.	0.8	67
103	The Democratization of Capital. Economic and Industrial Democracy, 1989, 10, 165-193.	1.2	5
104	NEW PRODUCTION CONCEPTS. Prometheus, 1989, 7, 129-148.	0.2	16
105	Towards Flexible Skill Formation and Technological Literacy: Challenges Facing the Education System. Economic and Industrial Democracy, 1988, 9, 497-522.	1.2	15
106	More ‘Creative’ Than ‘Destructive’? Synthesizing Schumpeterian and Developmental State Perspectives to Explain Mixed Results in Korea’s Clean Energy Shift. Journal of Environment and Development, 0, , 107049652110134.	1.6	8
107	Microbiogen and the Use of Directed Evolution of Yeast to Solve the Challenge of Producing Lignocellulosic Bioethanol at Scale. SSRN Electronic Journal, 0, , .	0.4	0
108	Gone with the wind: how state power and industrial policy in the offshore wind power sector are blowing away the obstacles to East Asia’s green energy transition. Review of Evolutionary Political Economy, 0, , .	0.8	3