John A Mathews

List of Publications by Year in descending order

108 papers	8,376 citations	76326 40 h-index	49909 87 g-index
117 all docs	117 docs citations	117 times ranked	5094 citing authors

#	Article	IF	Citations
1	Dragon multinationals: New players in 21st century globalization. Asia Pacific Journal of Management, 2006, 23, 5-27.	4.5	1,456
2	Title is missing!. Asia Pacific Journal of Management, 2002, 19, 467-488.	4.5	583
3	The international entrepreneurial dynamics of accelerated internationalisation. Journal of International Business Studies, 2007, 38, 387-403.	7.3	400
4	Progress Toward a Circular Economy in China. Journal of Industrial Ecology, 2011, 15, 435-457.	5.5	359
5	Accelerated internationalization by emerging marketsâ€™ multinationals: The case of the white goods sector. Journal of World Business, 2007, 42, 369-383.	7.7	339
6	Integrating private transport into renewable energy policy: The strategy of creating intelligent recharging grids for electric vehicles. Energy Policy, 2009, 37, 2481-2486.	8.8	275
7	National innovative capacity in East Asia. Research Policy, 2005, 34, 1322-1349.	6.4	274
8	China's national innovative capacity. Research Policy, 2008, 37, 1465-1479.	6.4	263
9	Urban Mining of E-Waste is Becoming More Cost-Effective Than Virgin Mining. Environmental Science & Technology, 2018, 52, 4835-4841.	10.0	246
10	A Silicon Valley of the East: Creating Taiwan's Semiconductor Industry. California Management Review, 1997, 39, 26-54.	6.3	211
11	Carbon-negative biofuels. Energy Policy, 2008, 36, 940-945.	8.8	193
12	Circular economy: Lessons from China. Nature, 2016, 531, 440-442.	27.8	181
13	Catch-up strategies and the latecomer effect in industrial development. New Political Economy, 2006, 11, 313-335.	4.4	148
14	Strategy and the Crystal Cycle. California Management Review, 2005, 47, 6-32.	6.3	145
15	The evolving nature of Taiwan's national innovation system: The case of biotechnology innovation networks. Research Policy, 2008, 37, 430-445.	6.4	140
16	Green growth strategiesâ€”Korean initiatives. Futures, 2012, 44, 761-769.	2.5	139
17	The origins and dynamics of Taiwanâ€™s R&D consortia. Research Policy, 2002, 31, 633-651.	6.4	137
18	Knowledge flows in the solar photovoltaic industry: Insights from patenting by Taiwan, Korea, and China. Research Policy, 2012, 41, 524-540.	6.4	120

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19	Combinative capabilities and organizational learning in latecomer firms: the case of the Korean semiconductor industry. Journal of World Business, 1999, 34, 139-156.	7.7	112
20	Biofuels: What a Biopact between North and South could achieve. Energy Policy, 2007, 35, 3550-3570.	8.8	90
21	Internationalization of emerging Indian multinationals: Linkage, leverage and learning (LLL) perspective. International Business Review, 2016, 25, 435-443.	4.8	86
22	Enhancing the Role of Universities in Building National Innovative Capacity in Asia: The Case of Taiwan. World Development, 2007, 35, 1005-1020.	4.9	84
23	Biofuels and indirect land use change effects: the debate continues. Biofuels, Bioproducts and Biorefining, 2009, 3, 305-317.	3.7	83
24	A resource-based view of Schumpeterian economic dynamics. Journal of Evolutionary Economics, 2002, 12, 29-54.	1.7	78
25	The renewable energies technology surge: A new techno-economic paradigm in the making?. Futures, 2013, 46, 10-22.	2.5	77
26	Dragon multinationals powered by linkage, leverage and learning: A review and development. Asia Pacific Journal of Management, 2017, 34, 769-775.	4.5	75
27	Holonic organisational architectures. Human Systems Management, 1996, 15, 27-54.	1.1	73
28	National systems of economic learning: the case of technology diffusion management in East Asia. International Journal of Technology Management, 2001, 22, 455.	0.5	71
29	The New Production Systems Debate. Labour & Industry, 1989, 2, 194-246.	1.5	67
30	Organizational foundations of intelligent manufacturing systems â€" the holonic viewpoint. Computer Integrated Manufacturing Systems, 1995, 8, 237-243.	0.1	64
31	Economics: Manufacture renewables to build energy security. Nature, 2014, 513, 166-168.	27.8	63
32	Accelerated internationalization and resource leverage strategizing: The case of Chinese wind turbine manufacturers. Journal of World Business, 2015, 50, 417-427.	7.7	62
33	Mobilizing private finance to drive an energy industrial revolution. Energy Policy, 2010, 38, 3263-3265.	8.8	60
34	From Washington Consensus to BeST Consensus for world development. Asian-Pacific Economic Literature, 2010, 24, 86-103.	1.2	54
35	Naturalizing capitalism: The next Great Transformation. Futures, 2011, 43, 868-879.	2.5	54
36	A Silicon Island of the East: Creating a Semiconductor Industry in Singapore. California Management Review, 1999, 41, 55-78.	6.3	53

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37	From the petroeconomy to the bioeconomy: Integrating bioenergy production with agricultural demands. Biofuels, Bioproducts and Biorefining, 2009, 3, 613-632.	3.7	48
38	Two Models of Award Restructuring in Australia. Labour & Industry, 1990, 3, 58-75.	1.5	47
39	Lachmannian Insights into Strategic Entrepreneurship: Resources, Activities and Routines in a Disequilibrium World. Organization Studies, 2010, 31, 219-244.	5.3	46
40	Fast-Follower Industrial Dynamics: The Case of Taiwan's Emergent Solar Photovoltaic Industry. Industry and Innovation, 2011, 18, 177-202.	3.1	46
41	Response to Professors Dunning and Narula. Asia Pacific Journal of Management, 2006, 23, 153-155.	4.5	45
42	Moving to a Circular Economy in China: Transforming Industrial Parks into Eco-industrial Parks. California Management Review, 2018, 60, 157-181.	6.3	40
43	Renewables, manufacturing and green growth: Energy strategies based on capturing increasing returns. Futures, 2014, 61, 13-22.	2.5	37
44	ChinaÃ¢Â€Â™s Renewable Energy Revolution. , 2015, , .		37
45	Ricardian rents or Knightian profits? More on Austrian insights on strategic organization. Strategic Organization, 2006, 4, 97-108.	5.0	36
46	Seven steps to curb global warming. Energy Policy, 2007, 35, 4247-4259.	8.8	35
47	China, India and Brazil: Tiger technologies, dragon multinationals and the building of national systems of economic learning. Asian Business and Management, 2009, 8, 5-32.	2.8	34
48	Capturing latecomer advantages in the adoption of biofuels: The case of Argentina. Energy Policy, 2009, 37, 326-337.	8.8	34
49	China's move to a Circular Economy as a development strategy. Asian Business and Management, 2011, 10, 463-484.	2.8	34
50	How carbon credits could drive the emergence of renewable energies. Energy Policy, 2008, 36, 3633-3639.	8.8	33
51	High Technology Industrialisation In East Asia. Journal of Industry Studies, 1996, 3, 1-77.	0.3	31
52	Financing climate-friendly energy development through bonds. Development Southern Africa, 2012, 29, 337-349.	2.0	31
53	Overcoming incumbent resistance to the clean energy shift: How local governments act as change agents in coal power station closures in China. Energy Policy, 2021, 149, 112058.	8.8	28
54	The transformation of the electric power sector in China. Energy Policy, 2013, 52, 170-180.	8.8	26

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55	Towards a sustainably certifiable futures contract for biofuels. Energy Policy, 2008, 36, 1577-1583.	8.8	23
56	A conceptual lignocellulosic â€˜feed+fuelâ€™ biorefinery and its application to the linked biofuel and cattle raising industries in Brazil. Energy Policy, 2011, 39, 4932-4938.	8.8	23
57	A conversation with the Acer Group's Stan Shih on global strategy and management. Organizational Dynamics, 1998, 27, 65-74.	2.6	22
58	Identification and analysis of industry cycles. Journal of Business Research, 2010, 63, 454-462.	10.2	22
59	China leads the way on renewables. Nature, 2014, 508, 319-319.	27.8	22
60	Organizational foundations of economic learning. Human Systems Management, 1996, 15, 113-124.	1.1	20
61	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
62	Accelerated Internationalisation by Emerging Multinationals: The Case of the White Goods Sector. SSRN Electronic Journal, 2007, , .	0.4	20
63	Opinion: is growing biofuel crops a crime against humanity?. Biofuels, Bioproducts and Biorefining, 2008, 2, 97-99.	3.7	20
64	NEW PRODUCTION CONCEPTS. Prometheus, 1989, 7, 129-148.	0.4	16
65	SCHUMPETER'S "LOST" SEVENTH CHAPTER. Industry and Innovation, 2002, 9, 1-5.	3.1	16
66	Chinaâ€˜s energy industrial revolution. Carbon Management, 2014, 5, 1-3.	2.4	16
67	Towards Flexible Skill Formation and Technological Literacy: Challenges Facing the Education System. Economic and Industrial Democracy, 1988, 9, 497-522.	1.6	15
68	Cyclical industrial dynamics: The case of the global semiconductor industry. Technological Forecasting and Social Change, 2010, 77, 344-353.	11.6	15
69	Innovation Alliances In Taiwan. Journal of Industry Studies, 1994, 1, 91-101.	0.3	14
70	Biofuels, climate change and industrial development: can the tropical South build 2000 biorefineries in the next decade?. Biofuels, Bioproducts and Biorefining, 2008, 2, 103-125.	3.7	14
71	Estimating the innovation effects of universityâ€“industryâ€“government linkages: The case of Taiwan. Journal of Management and Organization, 2009, 15, 138-154.	3.0	14
72	The intellectual roots of latecomer industrial development. International Journal of Technology and Globalisation, 2005, 1, 433.	0.1	13

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73	The industrial relations of skills formation. International Journal of Human Resource Management, 1993, 4, 591-609.	5.3	12
74	The Governance of Inter-Organisational Networks. Corporate Governance: an International Review, 1994, 2, 14-19.	2.4	12
75	COMPETITIVE INTERFIRM DYNAMICS WITHIN AN INDUSTRIAL MARKET SYSTEM. Industry and Innovation, 2001, 8, 79-107.	3.1	12
76	Climate bonds: mobilizing private financing for carbon management. Carbon Management, 2010, 1, 9-13.	2.4	12
77	Concentrating solar power: a renewable energy frontier. Carbon Management, 2014, 5, 293-308.	2.4	10
78	Are the land and other resources required for total substitution of fossil fuel power systems impossibly large? Evidence from concentrating solar power and China. Renewable and Sustainable Energy Reviews, 2015, 46, 275-281.	16.4	10
79	Estimating the innovation effects of universityâ€“industryâ€“government linkages: The case of Taiwan. Journal of Management and Organization, 2009, 15, 138-154.	3.0	9
80	Schumpeterian economic dynamics of greening: propagation of green eco-platforms. Journal of Evolutionary Economics, 2020, 30, 929-948.	1.7	9
81	Tcg R&D Networks. Journal of Industry Studies, 1993, 1, 65-74.	0.3	8
82	Competing in the Global Flat Panel Display Industry: Introduction. Industry and Innovation, 1998, 5, 1-10.	3.1	8
83	More â€˜Creativeâ€™ Than â€˜Destructiveâ€™? Synthesizing Schumpeterian and Developmental State Perspectives to Explain Mixed Results in Koreaâ€™s Clean Energy Shift. Journal of Environment and Development, 0, , 107049652110134.	3.2	8
84	Organizational foundations of object-oriented programming. Journal of Systems and Software, 1996, 34, 247-253.	4.5	7
85	Origins and dynamics of university spin-offs: the case of Hong Kong. International Journal of Transitions and Innovation Systems, 2011, 1, 175.	0.3	7
86	The industrial logistic surface: Displaying the impact of energy policy on uptake of new technologies. Energy, 2013, 57, 733-740.	8.8	7
87	Free trade in mad cows: how to kill a beef industry. Australian Journal of International Affairs, 2006, 60, 376-399.	1.5	6
88	Global trade and promotion of cleantech industry: a post-Paris agenda. Climate Policy, 2017, 17, 102-110.	5.1	6
89	The Democratization of Capital. Economic and Industrial Democracy, 1989, 10, 165-193.	1.6	5
90	The evolving role of research consortia in East Asia. Innovation: Management, Policy and Practice, 2006, 8, 84-101.	3.9	4

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91	Designing Energy Industries for the Next Industrial Revolution. Organizational Dynamics, 2010, 39, 155-164.	2.6	4
92	Design of Industrial and Supra-Firm Architectures: Growth and Sustainability. Journal of Organization Design, 2012, 1, 42.	1.2	4
93	Green growth strategies: Korean and Chinese initiatives. Carbon Management, 2012, 3, 353-356.	2.4	3
94	Greening of Business. , 2015, , 392-396.		3
95	Zhu Xiâ€™s neo-Confucian school: An organizational studies reading. Asian Business and Management, 2015, 14, 227-246.	2.8	3
96	Competing principles driving energy futures: Fossil fuel decarbonization vs. manufacturing learning curves. Futures, 2016, 84, 1-11.	2.5	3
97	A 10 Trillion Watt â€˜Big Pushâ€™ to Decarbonize the Worldâ€™s Electric Power. Journal of Sustainable Energy Engineering, 2014, 2, 87-100.	0.3	3
98	Gone with the wind: how state power and industrial policy in the offshore wind power sector are blowing away the obstacles to East Asiaâ€™s green energy transition. Review of Evolutionary Political Economy, 0, , .	1.6	3
99	Theoretical Perspectives on Enterprise and Award Restructuring in Australia. Asia Pacific Journal of Human Resources, 1990, 28, 30-39.	3.9	2
100	The Birth of the Biotechnology Era: Penicillin in Australia, 1943â€“801. Prometheus, 2008, 26, 317-333.	0.4	2
101	Trade policy, climate change and the greening of business. Australian Journal of International Affairs, 2015, 69, 610-624.	1.5	2
102	Organisational Innovation: Competing Models of Productive Efficiency. Human Systems Management, 1995, 14, 71-90.	1.1	1
103	Document The Development and Upgrading of Manufacturing Industries in Taiwan. Industry and Innovation, 1997, 4, 277-301.	3.1	1
104	Reforming the international patent system. Review of International Political Economy, 2012, 19, 169-180.	4.7	1
105	The Rise of New Green Industries: A Dynamic View of Chinaâ€™s (and Indiaâ€™s) Eco-Modernizing Experience. Series on Contemporary China, 2019, , 187-214.	0.0	1
106	Farewell Editorial. Industry and Innovation, 2004, 11, 267-272.	3.1	0
107	Book Review Essay: New Perspectives on Global Industrial DynamicsManaging 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.	11.7	0
108	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