Raimund Bleischwitz

List of Publications by Year
in descending order

97 papers	3,916 citations	159585 30 h-index	128289 60 g-index
108 all docs	108 docs citations	108 times ranked	3823 citing authors

#	Article	IF	Citations
1	Decision support for sustainable urban mobility: A case study of the Rhine-Ruhr area. Sustainable Cities and Society, 2022, 80, 103806.	10.4	22
2	The circular economy in China: Achievements, challenges and potential implications for decarbonisation. Resources, Conservation and Recycling, 2022, 183, 106350.	10.8	50
3	Improving aluminium resource efficiency in China: Based upon material flow analysis and entropy analysis. , 2022, 1, 100005.		4
4	China's unconventional carbon emissions trading market: The impact of a rate-based cap in the power generation sector. Energy, 2022, 255, 124581.	8.8	18
5	Water, waste, energy and food nexus in Brazil: Identifying a resource interlinkage research agenda through a systematic review. Renewable and Sustainable Energy Reviews, 2021, 138, 110554.	16.4	17
6	Circular economy strategies for electric vehicle batteries reduce reliance on raw materials. Nature Sustainability, 2021, 4, 71-79.	23.7	234
7	A Comparative Environmental Assessment of Heat Pumps and Gas Boilers towards a Circular Economy in the UK. Energies, 2021, 14, 3027.	3.1	20
8	Supportive governance for city-scale low carbon building retrofits: a case study from Shanghai. Climate Policy, 2021, 21, 884-896.	5.1	5
9	Climate Change, Security, and the Resource Nexus: Case Study of Northern Nigeria and Lake Chad. Sustainability, 2021, 13, 10734.	3.2	8
10	Engaging central banks in climate change? The mix of monetary and climate policy. Energy Economics, 2021, 103, 105531.	12.1	19
11	Implications of the Resource Nexus on International Relations: The Case of the Grand Ethiopian Renaissance Dam. Zeitschrift FÃ¼r AuÃŸen- Und Sicherheitspolitik, 2021, 14, 397-409.	0.4	2
12	The influence of institutional pressures on climate mitigation and adaptation strategies. Journal of Cleaner Production, 2020, 244, 118879.	9.3	34
13	Mineral resources in the age of climate adaptation and resilience. Journal of Industrial Ecology, 2020, 24, 291-299.	5.5	9
14	Steel in a circular economy: Global implications of a green shift in China. World Development, 2020, 127, 104775.	4.9	34
15	Integrated urban mobility policies in metropolitan areas: A system dynamics approach for the Rhine-Ruhr metropolitan region in Germany. Sustainable Cities and Society, 2020, 61, 102358.	10.4	32
16	Examining the role of BRICS countries at the global economic and environmental resources nexus. Journal of Environmental Management, 2020, 262, 110330.	7.8	33
17	Business models for environmental sustainability: Contemporary shortcomings and some perspectives. Business Strategy and the Environment, 2020, 29, 3352-3369.	14.3	29
18	Legitimating the governance of embodied emissions as a building block for sustainable energy transitions. Global Transitions, 2020, 2, 37-46.	4.1	9

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19	Trade impacts of Chinaâ€™s Belt and Road Initiative: From resource and environmental perspectives. Resources, Conservation and Recycling, 2019, 150, 104430.	10.8	64
20	Trends and driving forces of Chinaâ€™s virtual land consumption and trade. Land Use Policy, 2019, 89, 104194.	5.6	21
21	Toward the 2-degree target: Evaluating co-benefits of road transportation in China. Journal of Transport and Health, 2019, 15, 100674.	2.2	9
22	Accelerating the transition to equitable, sustainable, and livable cities: Toward post-fossil carbon societies. Journal of Cleaner Production, 2019, 239, 118020.	9.3	14
23	Scenario and strategy planning for transformative supply chains within a sustainable economy. Journal of Cleaner Production, 2019, 231, 144-160.	9.3	22
24	Driving Factors of Agricultural Virtual Water Trade between China and the Belt and Road Countries. Environmental Science & Technology, 2019, 53, 5877-5886.	10.0	51
25	The Nexus: Estimation of Water Consumption for Hydropower in Brazil. Journal of Sustainable Development of Energy, Water and Environment Systems, 2019, 7, 122-138.	1.9	14
26	Embodied GHG emissions of building materials in Shanghai. Journal of Cleaner Production, 2019, 210, 777-785.	9.3	39
27	How to globalize the circular economy. Nature, 2019, 565, 153-155.	27.8	260
28	Mapping Industrial Symbiosis Development in Europe_ typologies of networks, characteristics, performance and contribution to the Circular Economy. Resources, Conservation and Recycling, 2019, 141, 76-98.	10.8	205
29	Review of the development of China's Eco-industrial Park standard system. Resources, Conservation and Recycling, 2019, 140, 137-144.	10.8	54
30	Integration of Water and Energy Planning to Promote Sustainability. Journal of Sustainable Development of Energy, Water and Environment Systems, 2019, 7, 229-252.	1.9	11
31	Extrapolation or saturation â€“ Revisiting growth patterns, development stages and decoupling. Global Environmental Change, 2018, 48, 86-96.	7.8	60
32	On imperfect competition and market distortions: the causes of corporate under-investment in energy and material efficiency. International Economics and Economic Policy, 2018, 15, 159-183.	2.3	9
33	Construction and demolition waste management in China through the 3R principle. Resources, Conservation and Recycling, 2018, 129, 36-44.	10.8	578
34	Resilience in the tantalum supply chain. Resources, Conservation and Recycling, 2018, 129, 56-69.	10.8	86
35	Resource nexus perspectives towards the United Nations Sustainable Development Goals. Nature Sustainability, 2018, 1, 737-743.	23.7	236
36	Evolution of China's water footprint and virtual water trade: A global trade assessment. Environment International, 2018, 121, 178-188.	10.0	73

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37	A general equilibrium analysis on the impacts of regional and sectoral emission allowance allocation at carbon trading market. Journal of Cleaner Production, 2018, 192, 421-432.	9.3	45
38	Circular economy scientific knowledge in the European Union and China: A bibliometric, network and survey analysis (2006â€“2016). Journal of Cleaner Production, 2018, 197, 1244-1261.	9.3	118
39	Euro-China Green Economy theme: SINCERE (Sino-European Circular Economy and Resource Efficiency) - ESRC. Impact, 2018, 2018, 6-7.	0.1	2
40	The Introduction and Application of a Comprehensive Cost-Benefit Framework for Resource Efficiency Investments. , 2018, , 87-106.		1
41	Barriers to Resource Efficiency Investments. , 2018, , 53-85.		0
42	Transformations and Disruptive Changes: Boosting Resource Efficient Economies via Saturation and the Nexus. , 2018, , 169-187.		0
43	Investments in material efficiency: the introduction and application of a comprehensive costâ€“benefit framework. Journal of Environmental Economics and Policy, 2017, 6, 107-120.	2.5	4
44	Circular Economy Policies in China and Europe. Journal of Industrial Ecology, 2017, 21, 651-661.	5.5	457
45	Environmental and resources footprints between China and EU countries. Journal of Cleaner Production, 2017, 168, 322-330.	9.3	34
46	Regional disparities in the Chinese economy. An emergy evaluation of provincial international trade. Resources, Conservation and Recycling, 2017, 126, 1-11.	10.8	26
47	Towards a circular economy: insights based on the development of the global ENGAGE-materials model and evidence for the iron and steel industry. International Economics and Economic Policy, 2017, 14, 383-407.	2.3	47
48	Resource efficiency, circular economy and sustainability dynamics in China and OECD countries. International Economics and Economic Policy, 2017, 14, 377-382.	2.3	15
49	Cross-sectional Integration of the Water-energy Nexus in Brazil. Journal of Sustainable Development of Energy, Water and Environment Systems, 2017, 6, 114-128.	1.9	9
50	Eco-Innovation Indices as Tools for Measuring Eco-Innovation. Sustainability, 2017, 9, 2206.	3.2	37
51	The Resource Nexus. , 2017, , 3-14.		2
52	Decoupling GDP from resource use, resource productivity and competitiveness. , 2017, , 172-193.		6
53	Raw Materials and International Relations. Security and Peace, 2017, 35, 27-31.	0.1	0
54	Outline of a resource policy and its economic dimension. , 2017, , 216-296.		0

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55	Analysing global resource use of national and regional economies across various levels. , 2017, , 10-51.		1
56	Scarcities, supply, and new resource curses?. , 2017, , 282-296.		0
57	Eco-innovation and resource nexus challenges. , 2017, , 439-456.		0
58	Ossified materialism: introduction to the special volume on absolute reductions in materials throughput and emissions. Journal of Cleaner Production, 2016, 132, 1-12.	9.3	58
59	Wind offshore energy in the Northern Aegean Sea islanding region. , 2016, , .		3
60	Changes of human time and land use pattern in one mega city's urban metabolism: a multi-scale integrated analysis of Shanghai. Journal of Cleaner Production, 2016, 133, 391-401.	9.3	47
61	Illicit trade with Coltan and Implications for Certification. , 2015, , 155-175.		2
62	Living within the safe operating space: a vision for a resource efficient Europe. European Journal of Futures Research, 2014, 2, .	2.6	15
63	Transparency in the Extractive Industries: Time to Ask for More. Global Environmental Politics, 2014, 14, 1-9.	3.0	8
64	Re-Assessing resource dependency and criticality. Linking future food and water stress with global resource supply vulnerabilities for foresight analysis. European Journal of Futures Research, 2014, 2, .	2.6	11
65	Towards a More Sustainable Use of Scarce MetalsA Review of Intervention Options along the Metals Life Cycle. Gaia, 2012, 21, 300-309.	0.7	29
66	Towards a resource policyâ€"unleashing productivity dynamics and balancing international distortions. Mineral Economics, 2012, 24, 135-144.	2.8	19
67	Taxing construction minerals: a contribution to a resource-efficient Europe. Mineral Economics, 2012, 25, 29-43.	2.8	15
68	Coltan from Central Africa, international trade and implications for any certification. Resources Policy, 2012, 37, 19-29.	9.6	62
69	The Resources of Economies and the Productivity of Materials: Relevance, Measurement, Empirical Trends, Innovation, Resource Policies. , 2011, , 89-109.		6
70	Resource Efficiency. Journal of Industrial Ecology, 2011, 15, 644-646.	5.5	6
71	Drivers for the use of materials across countries. Journal of Cleaner Production, 2011, 19, 816-826.	9.3	79
72	Challenges of metal recycling and an international covenant as possible instrument of a globally extended producer responsibility. Waste Management and Research, 2011, 29, 902-910.	3.9	26

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73	Policies for the transition towards a hydrogen economy: the EU case. Energy Policy, 2010, 38, 5388-5398.	8.8	38
74	International economics of resource productivity â€“ Relevance, measurement, empirical trends, innovation, resource policies. International Economics and Economic Policy, 2010, 7, 227-244.	2.3	47
75	The international economics of resources and resource policy. International Economics and Economic Policy, 2010, 7, 147-151.	2.3	1
76	Ein internationales Abkommen als Kernelement eines globalen Ressourcenmanagements. , 2009, , 147-162.		1
77	Global Governance for Sustainable Resource Management. Minerals and Energy: Raw Materials Report, 2008, 23, 84-101.	0.2	8
78	Aggregates and Construction Markets in Europe: Towards a Sectoral Action Plan on Sustainable Resource Management. Minerals and Energy: Raw Materials Report, 2007, 22, 159-176.	0.2	20
79	Sustainable Resource Management: A New Research Agenda. Minerals and Energy: Raw Materials Report, 2007, 22, 1-6.	0.2	0
80	Sustainable consumption and resource management in the light of life cycle thinking. Environmental Policy and Governance, 2007, 17, 59-76.	0.3	39
81	The EU Emissions Trading System and Its Sustainability Impact on European Industry. , 2007, , 319-339.		1
82	Assessment Criteria for a Sustainability Impact Assessment in Europe. , 2007, , 191-209.		0
83	Introduction to the special issue on â€˜hydrogenâ€™ in â€˜Energy Policyâ€™. Energy Policy, 2006, 34, 1223-1226.	8.8	14
84	Governance of sustainable development: co-evolution of corporate and political strategies. International Journal of Sustainable Development, 2004, 7, 27.	0.2	16
85	Sustainable business and consumption strategies. , 2004, , .		1
86	Translating sustainable development into practice: a 'patchwork' of some new concepts and an introduction to material flows analysis. , 2004, , .		0
87	Towards a new kind of technological progress. , 2004, , .		0
88	Emerging regulatory policies for eco-efficiency. , 2004, , .		1
89	Bridging the data gap. , 2004, , .		2
90	Cognitive and institutional perspectives of eco-efficiency. Ecological Economics, 2003, 46, 453-467.	5.7	63

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91	Rethinking Productivity: Why has Productivity Focussed on Labour Instead of Natural Resources?. Environmental and Resource Economics, 2001, 19, 23-36.	3.2	18
92	Green Productivity A Strategy for a New Era of Technological and Social Progress. Public Policy Research, 1999, 6, 40-43.	0.2	1
93	Outline of a resource policy and its economic dimension. , 0, , 216-296.		5
94	Want, Waste or War?. , 0, , .		13
95	The Sustainability Impact of the EU Emissions Trading System on the European Industry. SSRN Electronic Journal, 0, , .	0.4	2
96	Decoupling GDP from resource use, resource productivity and competitiveness: A cross-country comparison. , 0, , 171-193.		2
97	Bringing Sustainable Growth Back to Business and the People in Europe: A 'Triple-I' Strategy. SSRN Electronic Journal, 0, , .	0.4	0