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Understanding the metabolism of urban-rural ecosystems

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#	Paper	IF	Citations
54	Estimating the urban metabolism of Canadian cities: Greater Toronto Area case study. <i>Canadian Journal of Civil Engineering</i> , 2003 , 30, 468-483	1.3	151
53	Water and nutrient and energy systems in urbanizing watersheds. <i>Frontiers of Environmental Science and Engineering</i> , 2012 , 6, 596-611	5.8	23
52	Can Carbon in Bioenergy Crops Mitigate Global Climate Change?. 2013 , 343-420		
51	Nexus security: governance, innovation and the resilient city. <i>Frontiers of Environmental Science and Engineering</i> , 2013 , 7, 640-657	5.8	18
50	Sustainable urban metabolism as a link between bio-physical sciences and urban planning: The BRIDGE project. <i>Landscape and Urban Planning</i> , 2013 , 112, 100-117	7.7	107
49	On water security, sustainability, and the water-food-energy-climate nexus. <i>Frontiers of Environmental Science and Engineering</i> , 2013 , 7, 626-639	5.8	80
48	Smarter urban metabolism: Earth systems re-engineering. <i>Proceedings of the Institution of Civil Engineers: Engineering Sustainability</i> , 2013 , 166, 229-241	0.9	9
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46	Fuzzy evaluation of heterogeneous quantities: Measuring urban ecological efficiency. <i>Ecological Modelling</i> , 2014 , 288, 112-126	3	10
45	Modification of uncertainty analysis in adapted material flow analysis: Case study of nitrogen flows in the Day-Nhue River Basin, Vietnam. <i>Resources, Conservation and Recycling</i> , 2014 , 88, 67-75	11.9	19
44	Urban Metabolism: A Review of Current Knowledge and Directions for Future Study. <i>Environmental Science & Technology</i> , 2015 , 49, 11247-63	10.3	79
43	Sustainability Theory and Conceptual Considerations: A Review of Key Ideas for Sustainability, and the Rural Context. <i>Papers in Applied Geography</i> , 2016 , 2, 365-382	0.7	14
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40	Improving health in cities through systems approaches for urban water management. <i>Environmental Health</i> , 2016 , 15 Suppl 1, 31	6	30
39	Analysis of nitrogen metabolism processes and a description of structure characteristics. <i>Ecological Modelling</i> , 2017 , 357, 47-54	3	3
38	Flows, system boundaries and the politics of urban metabolism: Waste management in Mexico City and Santiago de Chile. <i>Geoforum</i> , 2017 , 85, 353-367	2.9	39

37	Peri-Urban Areas and Food-Energy-Water Nexus. <i>Springer Tracts in Civil Engineering</i> , 2017 ,	0.4	2
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33	Transforming nitrogen management of the urban food system in a food-sink city. <i>Journal of Environmental Management</i> , 2019 , 249, 109180	7.9	8
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30	References. 2019 , 212-236		
29	Urban water metabolism information for planning water sensitive city-regions. <i>Land Use Policy</i> , 2019 , 88, 104144	5.6	10
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27	Societal Drivers of Food and Water Systems 2. 2019 , 301-318		
26	Pathways to Modelling Ecosystem Services within an Urban Metabolism Framework. <i>Sustainability</i> , 2019 , 11, 2766	3.6	20
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