

# Nancy B Grimm

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

204 papers	22,997 citations	69 h-index	150 g-index
224 ext. papers	25,820 ext. citations	5.5 avg, IF	6.59 L-index

#	Paper	IF	Citations
204	Denitrification and DNRA in Urban Accidental Wetlands in Phoenix, Arizona.. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2022</b> , 127, 1-15	3.7	0
203	Light and flow regimes regulate the metabolism of rivers.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119,	11.5	4
202	Urban climate resilience through hybrid infrastructure. <i>Current Opinion in Environmental Sustainability</i> , <b>2022</b> , 55, 101158	7.2	1
201	Full title: Urban flood risk and green infrastructure: Who is exposed to risk and who benefits from investment? A case study of three U.S. Cities. <i>Landscape and Urban Planning</i> , <b>2022</b> , 223, 104417	7.7	5
200	A social-ecological-technological systems framework for urban ecosystem services. <i>One Earth</i> , <b>2022</b> , 5, 505-518	8.1	4
199	Water and nitrogen shape winter annual plant diversity and community composition in near-urban Sonoran Desert preserves.. <i>Ecological Monographs</i> , <b>2021</b> , 91, 1-19	9	2
198	Assessment of urban flood vulnerability using the social-ecological-technological systems framework in six US cities. <i>Sustainable Cities and Society</i> , <b>2021</b> , 68, 102786	10.1	24
197	Socio-eco-evolutionary dynamics in cities. <i>Evolutionary Applications</i> , <b>2021</b> , 14, 248-267	4.8	32
196	Social, Ecological, and Technological Strategies for Climate Adaptation. <i>Urban Book Series</i> , <b>2021</b> , 29-45	0.3	1
195	Positive Futures. <i>Urban Book Series</i> , <b>2021</b> , 85-97	0.3	1
194	A Vision for Resilient Urban Futures. <i>Urban Book Series</i> , <b>2021</b> , 173-186	0.3	0
193	Setting the Stage for Co-Production. <i>Urban Book Series</i> , <b>2021</b> , 99-111	0.3	0
192	A Framework for Resilient Urban Futures. <i>Urban Book Series</i> , <b>2021</b> , 1-9	0.3	0
191	Urbanization in and for the Anthropocene. <i>Npj Urban Sustainability</i> , <b>2021</b> , 1,		17
190	Capturing practitioner perspectives on infrastructure resilience using Q-methodology. <i>Environmental Research: Infrastructure and Sustainability</i> , <b>2021</b> , 1, 025002		1
189	Beyond bouncing back? Comparing and contesting urban resilience frames in US and Latin American contexts. <i>Landscape and Urban Planning</i> , <b>2021</b> , 214, 104173	7.7	8
188	Assessing Future Resilience, Equity, and Sustainability in Scenario Planning. <i>Urban Book Series</i> , <b>2021</b> , 113-127	0.3	2

187	Simulating alternative sustainable water futures. <i>Sustainability Science</i> , <b>2020</b> , 15, 1199-1210	6.4	2
186	Nature-based approaches to managing climate change impacts in cities. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2020</b> , 375, 20190124	5.8	52
185	The co-production of sustainable future scenarios. <i>Landscape and Urban Planning</i> , <b>2020</b> , 197, 103744	7.7	30
184	Integrating existing climate adaptation planning into future visions: A strategic scenario for the central ArizonaPhoenix region. <i>Landscape and Urban Planning</i> , <b>2020</b> , 200, 103820	7.7	12
183	Using Biomimicry to Support Resilient Infrastructure Design. <i>Earth's Future</i> , <b>2020</b> , 8, e2020EF001653	7.9	5
182	Traversing the Wasteland: A Framework for Assessing Ecological Threats to Drylands. <i>BioScience</i> , <b>2020</b> , 70, 35-47	5.7	27
181	Building community heat action plans story by story: A three neighborhood case study. <i>Cities</i> , <b>2020</b> , 107, 102886	5.6	9
180	The Complexity of Urban Eco-evolutionary Dynamics. <i>BioScience</i> , <b>2020</b> , 70, 772-793	5.7	30
179	Interactions Between Physical Template and Self-organization Shape Plant Dynamics in a Stream Ecosystem. <i>Ecosystems</i> , <b>2020</b> , 23, 891-905	3.9	2
178	Cities of the Southwest are testbeds for urban resilience. <i>Frontiers in Ecology and the Environment</i> , <b>2019</b> , 17, 79-80	5.5	8
177	The Framing of Urban Sustainability Transformations. <i>Sustainability</i> , <b>2019</b> , 11, 573	3.6	18
176	Urbanization in Arid Central Arizona Watersheds Results in Decreased Stream Flashiness. <i>Water Resources Research</i> , <b>2019</b> , 55, 9436-9453	5.4	12
175	Extreme events and climate adaptation-mitigation linkages: Understanding low-carbon transitions in the era of global urbanization. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , <b>2019</b> , 10, e616	8.4	7
174	Planning Robust 21st Century US Urban Infrastructure <b>2019</b> , 252-269		
173	Foundations and Frontiers of Ecosystem Science: Legacy of a Classic Paper (Odum 1969). <i>Ecosystems</i> , <b>2019</b> , 22, 1160-1172	3.9	4
172	Defining Extreme Events: A Cross-Disciplinary Review. <i>Earth's Future</i> , <b>2018</b> , 6, 441-455	7.9	94
171	Global change-driven effects on dissolved organic matter composition: Implications for food webs of northern lakes. <i>Global Change Biology</i> , <b>2018</b> , 24, 3692-3714	11.4	118
170	Influence of governance structure on green stormwater infrastructure investment. <i>Environmental Science and Policy</i> , <b>2018</b> , 84, 124-133	6.2	34

169	The metabolic regimes of flowing waters. <i>Limnology and Oceanography</i> , <b>2018</b> , 63, S99	4.8	157
168	Partitioning assimilatory nitrogen uptake in streams: an analysis of stable isotope tracer additions across continents. <i>Ecological Monographs</i> , <b>2018</b> , 88, 120-138	9	43
167	Mixed method approach to assess atmospheric nitrogen deposition in arid and semi-arid ecosystems. <i>Environmental Pollution</i> , <b>2018</b> , 239, 617-630	9.3	11
166	Accidental urban wetlands: ecosystem functions in unexpected places. <i>Frontiers in Ecology and the Environment</i> , <b>2017</b> , 15, 248-256	5.5	41
165	Ecohydrological interfaces as hot spots of ecosystem processes. <i>Water Resources Research</i> , <b>2017</b> , 53, 6359-6376	5.4	100
164	Evidence for self-organization in determining spatial patterns of stream nutrients, despite primacy of the geomorphic template. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E4744-E4752	11.5	9
163	Does the ecological concept of disturbance have utility in urban social-ecological-technological systems?. <i>Ecosystem Health and Sustainability</i> , <b>2017</b> , 3, e01255	3.7	67
162	Carbon lost and carbon gained: a study of vegetation and carbon trade-offs among diverse land uses in Phoenix, Arizona. <i>Ecological Applications</i> , <b>2017</b> , 27, 644-661	4.9	7
161	Moving Towards a New Urban Systems Science. <i>Ecosystems</i> , <b>2017</b> , 20, 38-43	3.9	46
160	Advancing Urban Ecology toward a Science of Cities. <i>BioScience</i> , <b>2016</b> , 66, 198-212	5.7	363
159	Climate change impacts on ecosystems and ecosystem services in the United States: process and prospects for sustained assessment. <i>Climatic Change</i> , <b>2016</b> , 135, 97-109	4.5	19
158	Frontiers in Ecosystem Ecology from a Community Perspective: The Future is Boundless and Bright. <i>Ecosystems</i> , <b>2016</b> , 19, 753-770	3.9	31
157	Temporal variability in hydrology modifies the influence of geomorphology on wetland distribution along a desert stream. <i>Journal of Ecology</i> , <b>2016</b> , 104, 18-30	6	18
156	Comparative study of urban ecology development in the U.S. and China: Opportunity and Challenge. <i>Urban Ecosystems</i> , <b>2015</b> , 18, 599-611	2.8	16
155	Stormwater Infrastructure Controls Runoff and Dissolved Material Export from Arid Urban Watersheds. <i>Ecosystems</i> , <b>2015</b> , 18, 62-75	3.9	58
154	Urban phosphorus sustainability: Systemically incorporating social, ecological, and technological factors into phosphorus flow analysis. <i>Environmental Science and Policy</i> , <b>2015</b> , 47, 1-11	6.2	97
153	Climate change: Track urban emissions on a human scale. <i>Nature</i> , <b>2015</b> , 525, 179-81	50.4	102
152	Nitrogen and phosphorus fluxes from watersheds of the northeast U.S. from 1930 to 2000: Role of anthropogenic nutrient inputs, infrastructure, and runoff. <i>Global Biogeochemical Cycles</i> , <b>2015</b> , 29, 341-356	5.9	34

151	Assessment of regional variation in streamflow responses to urbanization and the persistence of physiography. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 2724-32	10.3	55
150	Type and timing of stream flow changes in urbanizing watersheds in the Eastern U.S.. <i>Elementa</i> , <b>2015</b> , 3,	3.6	4
149	Sources and transport of nitrogen in arid urban watersheds. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 6211-9	10.3	51
148	Urbanization and the carbon cycle: Current capabilities and research outlook from the natural sciences perspective. <i>Earth's Future</i> , <b>2014</b> , 2, 473-495	7.9	125
147	A critical knowledge pathway to low-carbon, sustainable futures: Integrated understanding of urbanization, urban areas, and carbon. <i>Earth's Future</i> , <b>2014</b> , 2, 515-532	7.9	92
146	Urban ecology: advancing science and society. <i>Frontiers in Ecology and the Environment</i> , <b>2014</b> , 12, 574-583	5.5	46
145	Changing forest water yields in response to climate warming: results from long-term experimental watershed sites across North America. <i>Global Change Biology</i> , <b>2014</b> , 20, 3191-208	11.4	114
144	A Multiscale, Hierarchical Model of Pulse Dynamics in Arid-Land Ecosystems. <i>Annual Review of Ecology, Evolution, and Systematics</i> , <b>2014</b> , 45, 397-419	13.5	113
143	Ch. 8: Ecosystems, Biodiversity, and Ecosystem Services. Climate Change Impacts in the United States: The Third National Climate Assessment <b>2014</b> ,		14
142	Modelling potential impacts of climate change on water and nitrate export from a mid-sized, semiarid watershed in the US Southwest. <i>Climatic Change</i> , <b>2013</b> , 120, 419-431	4.5	46
141	The impacts of climate change on ecosystem structure and function. <i>Frontiers in Ecology and the Environment</i> , <b>2013</b> , 11, 474-482	5.5	301
140	A hierarchical patch mosaic ecosystem model for urban landscapes: Model development and evaluation. <i>Ecological Modelling</i> , <b>2013</b> , 250, 81-100	3	41
139	Greater Phoenix 2100: Building a National Urban Environmental Research Agenda. <i>Special Publications</i> , <b>2013</b> , 413-426		1
138	Influence of nitrate and ammonium availability on uptake kinetics of stream biofilms. <i>Freshwater Science</i> , <b>2013</b> , 32, 1155-1167	2	34
137	Viewing the Urban Socio-ecological System Through a Sustainability Lens: Lessons and Prospects from the Central Arizona Phoenix LTER Programme <b>2013</b> , 217-246		13
136	Climate-change impacts on ecological systems: introduction to a US assessment. <i>Frontiers in Ecology and the Environment</i> , <b>2013</b> , 11, 456-464	5.5	36
135	Evaluating climate impacts on people and ecosystems. <i>Frontiers in Ecology and the Environment</i> , <b>2013</b> , 11, 455-455	5.5	7
134	Beyond Restoration and into Design: Hydrologic Alterations in Aridland Cities. <i>Future City</i> , <b>2013</b> , 183-210	0.1	17

133 Urban Areas **2013**, 267-296

132	Variation in monsoon precipitation drives spatial and temporal patterns of <i>Larrea tridentata</i> growth in the Sonoran Desert. <i>Functional Ecology</i> , <b>2012</b> , 26, 750-758	5.6	25
131	Small-scale and extensive hydrogeomorphic modification and water redistribution in a desert city and implications for regional nitrogen removal. <i>Urban Ecosystems</i> , <b>2012</b> , 15, 71-85	2.8	24
130	A comparative gradient approach as a tool for understanding and managing urban ecosystems. <i>Urban Ecosystems</i> , <b>2012</b> , 15, 795-807	2.8	20
129	Responses of trace gases to hydrologic pulses in desert floodplains. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117,		28
128	Sustainability needs the geosciences. <i>Eos</i> , <b>2012</b> , 93, 441-441	1.5	1
127	Ecosystem Processes and Human Influences Regulate Streamflow Response to Climate Change at Long-Term Ecological Research Sites. <i>BioScience</i> , <b>2012</b> , 62, 390-404	5.7	126
126	Abiotic and biotic controls of organic matter cycling in a managed stream. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116,		9
125	An integrated conceptual framework for long-term social-ecological research. <i>Frontiers in Ecology and the Environment</i> , <b>2011</b> , 9, 351-357	5.5	386
124	Ecosystem response to nutrient enrichment across an urban airshed in the Sonoran Desert <b>2011</b> , 21, 640-60		47
123	Denitrification mitigates N flux through the stream-floodplain complex of a desert city <b>2011</b> , 21, 2618-36		16
122	Cross-stream comparison of substrate-specific denitrification potential. <i>Biogeochemistry</i> , <b>2011</b> , 104, 381-392	3.9	53
121	Decomposition of urban atmospheric carbon in Sonoran Desert soils. <i>Urban Ecosystems</i> , <b>2011</b> , 14, 737-754	2.8	5
120	Global urban growth and the geography of water availability, quality, and delivery. <i>Ambio</i> , <b>2011</b> , 40, 437-45	4.5	98
119	Chronic N loading reduces N retention across varying base flows in a desert river. <i>Journal of the North American Benthological Society</i> , <b>2011</b> , 30, 559-572		6
118	Nitrous oxide emission from denitrification in stream and river networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 214-9	11.5	390
117	Inter-regional comparison of land-use effects on stream metabolism. <i>Freshwater Biology</i> , <b>2010</b> , 55, 1874-1890	3.1	227
116	Responses of macroinvertebrate communities to long-term flow variability in a Sonoran Desert stream. <i>Global Change Biology</i> , <b>2010</b> , 16, 2891-2900	11.4	56

115	Dissolved inorganic nitrogen dynamics in the hyporheic zone of reference and human-altered southwestern U. S. streams. <i>Fundamental and Applied Limnology</i> , <b>2010</b> , 176, 391-405	1.9	14
114	Perspectives on the modern nitrogen cycle <b>2010</b> , 20, 3-4		7
113	Influence of the hydrologic regime on resource availability in a semi-arid stream-riparian corridor. <i>Ecohydrology</i> , <b>2010</b> , 3, 349-359	2.5	27
112	Opportunities and challenges for managing nitrogen in urban stormwater: A review and synthesis. <i>Ecological Engineering</i> , <b>2010</b> , 36, 1507-1519	3.9	208
111	Effects of urbanization on plant species diversity in central Arizona. <i>Frontiers in Ecology and the Environment</i> , <b>2009</b> , 7, 465-470	5.5	86
110	Spatial Heterogeneity of Denitrification in Semi-Arid Floodplains. <i>Ecosystems</i> , <b>2009</b> , 12, 129-143	3.9	32
109	Urbanization Alters Soil Microbial Functioning in the Sonoran Desert. <i>Ecosystems</i> , <b>2009</b> , 12, 654-671	3.9	40
108	Resazurin as a SmartTracer for quantifying metabolically active transient storage in stream ecosystems. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114,		77
107	Nitrate removal in stream ecosystems measured by 15N addition experiments: Total uptake. <i>Limnology and Oceanography</i> , <b>2009</b> , 54, 653-665	4.8	142
106	Nitrate removal in stream ecosystems measured by 15N addition experiments: Denitrification. <i>Limnology and Oceanography</i> , <b>2009</b> , 54, 666-680	4.8	155
105	Nutrient variation in an urban lake chain and its consequences for phytoplankton production. <i>Journal of Environmental Quality</i> , <b>2009</b> , 38, 1429-40	3.4	9
104	Stream denitrification across biomes and its response to anthropogenic nitrate loading. <i>Nature</i> , <b>2008</b> , 452, 202-5	50.4	932
103	Atmospheric deposition of carbon and nutrients across an arid metropolitan area. <i>Science of the Total Environment</i> , <b>2008</b> , 402, 95-105	10.2	73
102	The changing landscape: ecosystem responses to urbanization and pollution across climatic and societal gradients. <i>Frontiers in Ecology and the Environment</i> , <b>2008</b> , 6, 264-272	5.5	477
101	Soil N <sub>2</sub> O and NO emissions from an arid, urban ecosystem. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113, n/a-n/a		50
100	Hot spots and hot moments of carbon and nitrogen dynamics in a semiarid riparian zone. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113, n/a-n/a		79
99	Unintended Consequences of Urbanization for Aquatic Ecosystems: A Case Study from the Arizona Desert. <i>BioScience</i> , <b>2008</b> , 58, 715-727	5.7	47
98	Hierarchical Spatial Modeling and Prediction of Multiple Soil Nutrients and Carbon Concentrations. <i>Communications in Statistics Part B: Simulation and Computation</i> , <b>2008</b> , 37, 434-453	0.6	11



97	Hierarchical Bayesian scaling of soil properties across urban, agricultural, and desert ecosystems <b>2008</b> , 18, 132-45		38
96	Living in an increasingly connected world: a framework for continental-scale environmental science. <i>Frontiers in Ecology and the Environment</i> , <b>2008</b> , 6, 229-237	5.5	128
95	Global change and the ecology of cities. <i>Science</i> , <b>2008</b> , 319, 756-60	33.3	3737
94	Responses of soil microorganisms to resource availability in urban, desert soils. <i>Biogeochemistry</i> , <b>2008</b> , 87, 143-155	3.8	39
93	Effects of Urbanization-Induced Environmental Changes on Ecosystem Functioning in the Phoenix Metropolitan Region, USA. <i>Ecosystems</i> , <b>2008</b> , 11, 138-155	3.9	66
92	Development of a framework for quantifying the environmental impacts of urban development and construction practices. <i>Environmental Science &amp; Technology</i> , <b>2007</b> , 41, 5130-6	10.3	24
91	Influence of shifting flow paths on nitrogen concentrations during monsoon floods, San Pedro River, Arizona. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112, n/a-n/a		19
90	Variability in surface-subsurface hydrologic interactions and implications for nutrient retention in an arid-land stream. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112, n/a-n/a		30
89	Surface-Subsurface Interactions in Streams <b>2007</b> , 761-782		2
88	Subsystems, flowpaths, and the spatial variability of nitrogen in a fluvial ecosystem. <i>Landscape Ecology</i> , <b>2007</b> , 22, 911-924	4.3	21
87	Nutrient Vectors and Riparian Processing: A Review with Special Reference to African Semiarid Savanna Ecosystems. <i>Ecosystems</i> , <b>2007</b> , 10, 1231-1249	3.9	59
86	Hierarchical regulation of nitrogen export from urban catchments: interactions of storms and landscapes <b>2007</b> , 17, 2347-64		54
85	Drivers of Spatial Variation in Plant Diversity Across the Central Arizona-Phoenix Ecosystem. <i>Society and Natural Resources</i> , <b>2006</b> , 19, 101-116	2.4	38
84	A distinct urban biogeochemistry?. <i>Trends in Ecology and Evolution</i> , <b>2006</b> , 21, 192-9	10.9	476
83	Points, patches, and regions: scaling soil biogeochemical patterns in an urbanized arid ecosystem. <i>Global Change Biology</i> , <b>2006</b> , 12, 1532-1544	11.4	53
82	The Spatial Structure of Variability in a Semi-arid, Fluvial Ecosystem. <i>Ecosystems</i> , <b>2006</b> , 9, 386-397	3.9	19
81	Soil Characteristics and the Accumulation of Inorganic Nitrogen in an Arid Urban Ecosystem. <i>Ecosystems</i> , <b>2006</b> , 9, 711-724	3.9	42
80	LINKAGES BETWEEN MICROBIAL AND HYDROLOGIC PROCESSES IN ARID AND SEMIARID WATERSHEDS. <i>Ecology</i> , <b>2005</b> , 86, 298-307	4.6	235



79	N retention and transformation in urban streams. <i>Journal of the North American Benthological Society</i> , <b>2005</b> , 24, 626-642		144
78	Hydrologic exchange and N uptake by riparian vegetation in an arid-land stream. <i>Journal of the North American Benthological Society</i> , <b>2005</b> , 24, 19-28		38
77	Simulating the dynamics of primary productivity of a Sonoran ecosystem: Model parameterization and validation. <i>Ecological Modelling</i> , <b>2005</b> , 189, 1-24	3	31
76	Spatial variation in soil inorganic nitrogen across an arid urban ecosystem. <i>Urban Ecosystems</i> , <b>2005</b> , 8, 251-273	2.8	36
75	Urban nitrogen biogeochemistry: status and processes in green retention basins. <i>Biogeochemistry</i> , <b>2005</b> , 71, 177-196	3.8	9
74	Nitrogen Transport and Retention in an Arid Land Watershed: Influence of Storm Characteristics on Terrestrial-Aquatic Linkages. <i>Biogeochemistry</i> , <b>2005</b> , 76, 421-440	3.8	66
73	Approaches to the study of urban ecosystems: The case of Central ArizonaPhoenix. <i>Urban Ecosystems</i> , <b>2004</b> , 7, 199-213	2.8	101
72	Nutrients on Asphalt Parking Surfaces in an Urban Environment. <i>Water, Air and Soil Pollution</i> , <b>2004</b> , 4, 371-390		18
71	Carbon and nitrogen stoichiometry and nitrogen cycling rates in streams. <i>Oecologia</i> , <b>2004</b> , 140, 458-67	2.9	99
70	Urban nitrogen biogeochemistry: status and processes in green retention basins. <i>Biogeochemistry</i> , <b>2004</b> , 71, 177-196	3.8	60
69	Effects of Urbanization on Nutrient Biogeochemistry of Aridland Streams. <i>Geophysical Monograph Series</i> , <b>2004</b> , 129-146	1.1	6
68	An Ecosystem Approach to Understanding Cities: Familiar Foundations and Uncharted Frontiers		14
67	Biogeochemical Hot Spots and Hot Moments at the Interface of Terrestrial and Aquatic Ecosystems. <i>Ecosystems</i> , <b>2003</b> , 6, 301-312	3.9	1531
66	Carbon and nitrogen transfer from a desert stream to riparian predators. <i>Oecologia</i> , <b>2003</b> , 134, 238-50	2.9	162
65	Merging aquatic and terrestrial perspectives of nutrient biogeochemistry. <i>Oecologia</i> , <b>2003</b> , 137, 485-501	2.9	115
64	Factors affecting ammonium uptake in streams An inter-biome perspective. <i>Freshwater Biology</i> , <b>2003</b> , 48, 1329-1352	3.1	196
63	The US Long Term Ecological Research Program. <i>BioScience</i> , <b>2003</b> , 53, 21	5.7	191
62	Socioeconomics drive urban plant diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 8788-92	11.5	530

61	Sources of Nitrogen to the Riparian Zone of a Desert Stream: Implications for Riparian Vegetation and Nitrogen Retention. <i>Ecosystems</i> , <b>2002</b> , 5, 68-79	3.9	67
60	Towards an ecological understanding of biological nitrogen fixation. <i>Biogeochemistry</i> , <b>2002</b> , 57, 1-45	3.8	608
59	Can uptake length in streams be determined by nutrient addition experiments? Results from an interbiome comparison study. <i>Journal of the North American Benthological Society</i> , <b>2002</b> , 21, 544-560		159
58	N uptake as a function of concentration in streams. <i>Journal of the North American Benthological Society</i> , <b>2002</b> , 21, 206-220		191
57	Towards an ecological understanding of biological nitrogen fixation <b>2002</b> , 1-45		28
56	THE INFLUENCE OF A RIPARIAN SHRUB ON NITROGEN CYCLING IN A SONORAN DESERT STREAM. <i>Ecology</i> , <b>2001</b> , 82, 3363-3376	4.6	70
55	The Urban Funnel Model and the Spatially Heterogeneous Ecological Footprint. <i>Ecosystems</i> , <b>2001</b> , 4, 782-796	3.9	129
54	Inter-biome comparison of factors controlling stream metabolism. <i>Freshwater Biology</i> , <b>2001</b> , 46, 1503-1517	5.17	308
53	Multiscale effects of surface/subsurface exchange on stream water nutrient concentrations. <i>Journal of the North American Benthological Society</i> , <b>2001</b> , 20, 162-181		109
52	THE INFLUENCE OF A RIPARIAN SHRUB ON NITROGEN CYCLING IN A SONORAN DESERT STREAM <b>2001</b> , 82, 3363		4
51	Flood Frequency and Stream/Riparian Linkages in Arid Lands <b>2000</b> , 111-136		27
50	Subsurface Influences on Surface Biology <b>2000</b> , 381-402		14
49	Hydrological and chemical linkages between the active channel and the riparian zone in an arid land stream. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , <b>2000</b> , 27, 442-447		1
48	Integrated Approaches to Long-Term Studies of Urban Ecological Systems. <i>BioScience</i> , <b>2000</b> , 50, 571	5.7	755
47	A New Urban Ecology. <i>American Scientist</i> , <b>2000</b> , 88, 416	2.7	251
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