




# Jim Junker


## Ecologist


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## Education

2019	Ph.D. Bozeman, MT	Montana State University Bozeman
2011	Master of Science Bozeman, MT	Montana State University Bozeman
2007	Bachelor of Science Ashland, WI	Northland College

## Publications

In Review	Resource supply governs the apparent temperature dependence of animal production at multiple timescales James R Junker, Wyatt F Cross, Jonathan P Benstead, Alexander D Huryn, James M Hood, Daniel Nelson, Gisli M Gíslason, Jón S Ólafsson <i>Ecology Letters</i>
In Review	Patterns and drivers of organic matter storage and stoichiometry across a wide stream temperature gradient James R Junker, Wyatt F Cross, Jonathan P Benstead, Alexander D Huryn, James M Hood, Daniel Nelson, Gisli M Gíslason, Jón S Ólafsson <i>Ecosystems</i>
2020	Thermal niche diversity and trophic redundancy drive neutral effects of warming on energy flux through a stream food web Daniel Nelson, Jonathan P Benstead, Alexander D Huryn, Wyatt F Cross, James M Hood, Philip W Johnson, James R Junker, Gisli M Gíslason, Jón S Ólafsson <i>Ecology</i>
2019	DOM composition alters ecosystem function during microbial processing of isolated sources Juliana D'Andrilli, James R Junker, Heidi J Smith, Eric A Scholl, Christine M Foreman <i>Biogeochemistry</i>
2018	Increased resource use efficiency amplifies positive response of aquatic primary production to experimental warming James M Hood, Jonathan P Benstead, Wyatt F Cross, Alexander D Huryn, Philip W Johnson, Gisli M Gíslason, James R Junker, Daniel Nelson, Jón S Ólafsson, Chau Tran <i>Global change biology</i>
2017	Experimental whole-stream warming alters community size structure Daniel Nelson, Jonathan P Benstead, Alexander D Huryn, Wyatt F Cross, James M Hood, Philip W Johnson, James R Junker, Gisli M Gíslason, Jón S Ólafsson <i>Global Change Biology</i>
2017	Shifts in community size structure drive temperature invariance of secondary production in a stream-warming experiment Daniel Nelson, Jonathan P Benstead, Alexander D Huryn, Wyatt F Cross, James M Hood, Philip W Johnson, James R Junker, Gisli M Gíslason, Jón S Ólafsson <i>Ecology</i>
2014	Seasonality in the trophic basis of a temperate stream invertebrate assemblage: Importance of temperature and food quality James R Junker, Wyatt F Cross <i>Limnology and Oceanography</i>
2012	Impacts of warming on the structure and functioning of aquatic communities: individual-to ecosystem-level responses Eoin J O'Gorman, Doris E Pichler, Georgina Adams, Jonathan P Benstead, Haley Cohen, Nicola Craig, Wyatt F Cross, Benoit OL Demars, Nikolai Friberg, Gisli Mar Gíslason, Rakeel Gudmundsdottir, Adrianna Hawczak, James M Hood, Lawrence N Hudson, Liselotte Johansson, Magnus P Johansson, James R Junker, Anssi Laurila, J Russell Manson, Efpraxia Mavromati, Daniel Nelson, Jon S Ólafsson, Daniel M Perkins, Owen L Petchey, Marco Plebani, Daniel C Reuman, Bjoern C Rall, Rebecca Stewart, Murray SA Thompson, Guy Woodward <i>Advances in ecological research</i>