

# Denny Lab

## Publications

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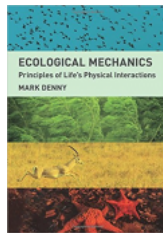
Mark Denny Publications

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Lab Publications

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## Publications



### **Ecological Mechanics: Principles of Life's Physical Interactions**

Mark Denny  
2017

### **Warm microhabitats drive both increased respiration and growth rates of intertidal consumers**

Luke Miller, Mark Denny  
B.J. Allen, F.A. King, D.R. Chilin, V.M. Reynoso  
2015

### **Aperture effects in squid jet propulsion**

Mark Denny  
D.J. Staaf, W.F. Gilly  
2014

### **United we fail: group versus individual strength in the California sea mussel, *Mytilus californianus***

Mark Denny  
A. Cole  
2014

### **Indefatigable: an erect coralline alga is highly resistant to fatigue**

Mark Denny  
K. Mach, S. Tepler, P. Martone  
2013

### **Measuring and recreating hydrodynamic environments at biologically relevant scales**

Tom Hata  
2015

### **Characteristics and implications of brief duration hydrodynamic forces in the intertidal zone**

Megan Jensen  
2014

### **Buzz Holling and the Functional Response**

Mark Denny  
2014

### **Interaction of waves and currents with kelp forests (*Macrocystis pyrifera*): Insights from a dynamically scaled laboratory model**

Mark Denny  
J.H. Rosman, R.B. Zeller, S.G. Monismith, J.R. Koseff  
2013

### **Scaling up in ecology: mechanistic approaches**

Mark Denny  
L. Benedetti-Cecchi  
2012

**Natural intrusions of hypoxic, low pH water into nearshore marine environments on the California coast**

Mark Denny

J.A.T. Booth, E.E. McPhee-Shaw, P. Chua, E. Kingsley, R. Phillips, S.J. Bograd, L.D. Zeidberg, W.F. Gilly  
2012

**Biophysics, bioenergetics and mechanistic approaches to ecology**

Mark Denny

2012

**The fine art of surfacing: Its efficacy in broadcast spawning**

Mark Denny

J.M. Moláček, J.W.M. Bush  
2012

**Biophysics, environmental stochasticity, and the evolution of thermal safety margins in intertidal limpets**

Mark Denny

W.W. Dowd

2012

**Physical constraints on the size and shape of microalgae**

Kevin Miklasz

2012

**Preference versus performance: body temperature of the intertidal snail *Chlorostoma funebris***

Katharine Mach, Mark Denny

S. Tepler

2011

**Importance of behavior and morphological traits for controlling body temperature in littorinid snails**

Luke Miller, Mark Denny

2011

**Spreading the risk: Small-scale body temperature variation among intertidal organisms and its implications for species persistence**

Mark Denny, Katharine Mach

W.W. Dowd, L. Bilir

2011

**Failure by fatigue in the field: a model of fatigue breakage for the macroalga *Mazzaella*, with validation**

Katharine Mach, Mark Denny

S. Tepler, A.V. Staaf, J.C. Bohnhoff

2011

**Death by small forces: failure by fatigue in wave-swept macroalgae**

Katharine Mach

2010

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