

Correlated patterns of tracheal compression and convection in a beetle

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Use of synchrotron tomography to image naturalistic anatomy in insects. Proceedings of SPIE, 2008, , .	0.8	17
3	Effects of flow rate and temperature on cyclic gas exchange in tsetse flies (Diptera, Glossinidae). Journal of Insect Physiology, 2010, 56, 513-521.	0.9	21
4	Pump out the volume—The effect of tracheal and subelytral pressure pulses on convective gas exchange in a dung beetle, <i>Circellium bacchus</i> (Fabricus). Journal of Insect Physiology, 2010, 56, 551-558.	0.9	17
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6	Issues of convection in insect respiration: Insights from synchrotron X-ray imaging and beyond. Respiratory Physiology and Neurobiology, 2010, 173, S65-S73.	0.7	59
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8	Mechanical properties of tracheal tubes in the American cockroach (<i>Periplaneta americana</i>). Smart Materials and Structures, 2011, 20, 094017.	1.8	16
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16	Stokeslets-meshfree computations and theory for flow in a collapsible microchannel. Theoretical and Computational Fluid Dynamics, 2013, 27, 681-700.	0.9	14
17	A bioinspired pumping model for flow in a microtube with rhythmic wall contractions. Journal of Fluids and Structures, 2013, 42, 187-204.	1.5	26
18	Dynamics of tracheal compression in the horned passalus beetle. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 304, R621-R627.	0.9	17
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21	Anaerobic Metabolism at Thermal Extremes: A Metabolomic Test of the Oxygen Limitation Hypothesis in an Aquatic Insect. <i>Integrative and Comparative Biology</i> , 2013, 53, 609-619.	0.9	86
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