3. References cited

Bennett, S.C.
Taxonomy and Systematics of the Late Cretaceous pterosaur Pteranodon (Pterosauria, Pterodactyloidea). 
*Occasional Papers of the Museum of Natural History University of Kansas*; 1994; no.169, p.1-70

Bennett, S.C.
A statistical study of Rhamphorhynchus from the Solnhofen Limestone of Germany: Year-classes of a single large species
*Journal of Paleontology*; 1995; v.69, no.3, p.569-580

Bennett, S.C.
Pterosaur Flight: The Role of Actinofibrils in Wing Function,

Bennett, S.C.
The Osteology and Functional Morphology of the Late Cretaceous Pterosaur Pteranodon, Parts I and II, 

Birch, JM; Dickinson, MH
The influence of wing-wake interactions on the production of aerodynamic forces in flapping flight.
*Journal of Experimental Biology*; July 2003; v.206, no.13, p.2257-2272

Birch, JM; Dickson, WB; Dickinson, MH
Force production and flow structure of the leading edge vortex on flapping wings at high and low Reynolds numbers
*Journal of Experimental Biology*; March 2004; v.207, no.7, p.1063-1072

Bramwell, C
Aerodynamics of Pteranodon,
*Biological Journal of the Linnean Society*; 1971; v.3, no.4, p.313-328

Bramwell, C
Flying Ability of Archaeopteryx, D
*Nature*; 1971; v.231, no.5298, p.128-&

Bramwell, C ; Whitfield, G
Flight of Pteranodon,
*Biological Journal of the Linnean Society*; 1973; v.5, no.4, p.359

Bramwell, C ; Whitfield, G
Biomechanics of Pteranodon,
*Philosophical Transactions of the Royal Society of London B Biological Sciences*; 1974; v.267, no.890, p.503-581

A.N. Brooks, P.B. MacCready, P.B.S. Lissaman and W.R. Morgan,
Development of a Wing-Flapping Flying Replica of the Largest Pterosaur, AeroVironment Inc. 
AIAA-85-1446
Chatterjee, S. and R.J. Templin
Posture, Locomotion, and Paleoecology of Pterosaurs,
_Geological Society of America_ Special Paper 376, 68 Pages, 2004
ISBN 0-8137-2376-0

Delp, SL; Loan, JP
A graphics-based software system to develop and analyze models of musculoskeletal structures,
_Computers in Biology and Medicine;_ Jan. 1995; vol.25, no.1, p.21-34

Dickinson, MH; Lehmann, FO; Sane, SP
Wing rotation and the aerodynamic basis of insect flight
_Science_; 18 June 1999; vol.284, no.5422, p.1954-60

Dudley, R.
The biomechanics of insect flight: Form, function, evolution
_The biomechanics of insect flight: Form, function, evolution_; 2000; p.i-xii, 1-476

Hankin, E.H., and D.M.S. Watson,
On the flight of pterodactylys.
_Aeronautical Journal_, 1914, 18: 324-335.

Hazlehurst, G. A. and Rayner, J. M. V.
An unusual flight mechanism in the Pterosauria
_Palaeontology (Durham);_ 1992; v.35, no.4, p.927-941

Hazlehurst, G. A. and Rayner, J. M. V.
Flight characteristics of Triassic and Jurassic Pterosauria: An appraisal based on wing shape
_Paleobiology_; 1992; v.18, no.4, p.447-463

Hutchinson, J.,Anderson, F. Clay and Delp, S. L.
A 3-D dynamic analysis of musculoskeletal contributions to body support during bipedal locomotion.
_Journal of Vertebrate Paleontology;_ 12 September, 2003; v.23, no.3 Supplement, p.64A
Conference: Sixty-Third Annual Meeting of the Society of Vertebrate Paleontology; October 15-18, 2003; St. Paul, MN, USA

Hutchinson, JR
Biomechanical modeling and sensitivity analysis of bipedal running ability. I. Extant taxa
_Journal of Morphology;_ October 2004a; v.262, no.1, p.421-440

Hutchinson, JR
Biomechanical modeling and sensitivity analysis of bipedal running ability. II. Extinct taxa
_Journal of Morphology;_ October 2004b; v.262, no.1, p.441-461

Hutchinson, J. R., Anderson, F.C., Blemker, S. S., Delp, S. L.,
Musculoskeletal geometry and running ability of the Tyrannosaurus,
_Paleobiology_ (in press)

Inman, DJ; Gern, FH; Robertshaw, HH; Kapania, RK; Pettit, G.; Natarajan, A.; Sulaeman, E.
Comments on prospects of fully adaptive aircraft wings
References

Conference: Smart Structures and Materials 2001-Industrial and Commercial Applications of Smart Structures Technologies-; Mar 5-8 2001; Newport Beach, CA, United States

Jex, H.
Making Pterodactyls Fly,
TWITT Meeting, July 15th 2000

Kamakoti, R., Berg M., Ljungqvist, D., Shyy, W.
A Computational Study for Biological Flapping Wing Flight,

Kellner A.W. A.; Tomida Y.
Description of a new species of Anhangueridae (Pterodactyloidea) with comments on the Pterosaur Fauna from the Santana Formation (Aptian-Albian), Northeastern Brazil,
National Science Museum Monographs No. 17, January 2000, ISSN 1342-9574

Kudva, JN; Sanders, B.; Pinkerton-Florance, J.; Garcia, E.
The DARPA/AFRL/NASA Smart wing program - Final overview

Conference: Smart Structures and Materials 2002: Industrial and Commercial Applications of Smart Structures Technologies; Mar 18-21 2002; San Diego, CA, United States

Kunz P., Kroo I.,
Analysis, Design and Testing of Airfoils for Use in Ultra-Low Reynolds Numbers

DeLaurier, J.,
The Development and Testing of a Full-Scale Piloted Ornithoper,

Livne, E; Weisshaar, TA
Aeroelasticity of nonconventional airplane configurations - Past and future,
Source: Journal of Aircraft; November/December 2003; v.40, no.6, p.1047-1065

MacCready P.,
The Feasibility of Constructing a Flying Replica of the Quetzalcoatlus northropi -- The Largest of the Pterosaurs,
Aerovironment, Inc., AV-FR-84/599, 1984

MacCready P.,
The Great Pterodactyl Project,

McMasters J. H.; Cummings R. M.
Airplane Design and the Biomechanics of Flight – A More Completely Multi-Disciplinary Perspective

Padian, K.
A functional analysis of flying and walking in pterosaurs
Paleobiology; 1983a, 9, pp. 218-239.

Padian, K.
Osteology and functional morphology of Dimorphodon macronyx (Buckland) (Pterosauaai: Rhamphorhynchoidea) based on new material in the Yale Peabody Museum
Postilla; 1983b, 189, pp. 1-44.

Padian, K.
A comparative phylogenetic and functional approach to the origin of vertebrate flight.

Padian, K.
Pterosaurs: were they functional birds or functional bats?

Padian, K.; Rayner, J. M. V.
The wings of pterosaurs
American Journal of Science; 1993, 293-A, pp. 91-166.

Padian, K.; Rayner, J. M. V.
Structural fibers of the pterosaur wing: Anatomy and aerodynamics
Naturwissenschaften; 1993; v.80, no.8, p.361-364

Pennycuick, CJ,
On the reconstruction of Pterosaurs and their manner of flight with notes on vortex wakes,

Piazza, S.J., Delp, S.L.
Three-dimensional dynamic simulation of total knee replacement motion during a stepup task, ASME

Sane, SP; Dickinson, MH
The control of flight force by a flapping wing: Lift and drag production
Journal of Experimental Biology; August, 2001; v.204, no.15, p.2607-2626

Sane, SP; Dickinson, MH
The aerodynamic effects of wing rotation and a revised quasi-steady model of flapping flight
Journal of Experimental Biology; April, 2002; v.205, no.8, p.1087-1096

San Francisco Chronicle

Stanewsky, E
Aerodynamic benefits of adaptive wing technology
Aerospace Science and Technology; Oct 2000; v.4, no.7, p.439-452
Adaptive wing and flow control technology
*Progress in Aerospace Sciences*; October 2001; v.37, no.7, p.583-667

Templin, R.J.
The spectrum of animal flight: insects to pterosaurs,
*Progress in Aerospace Sciences*, 36 (2000) 393-436

Thelen, DG; Anderson, FC; Delp, SL
Generating dynamic simulations of movement using computed muscle control,
*Journal of Biomechanics*; March 2003; vol.36, no.3, p.321-8

Tischlinger, H, and E. Frey.
Ein Rhamphorhynchus (Pterosauria, Reptilia) mit ungewöhnlicher Flughauterhaltung aus dem Solnhofener Plattenkalk.

Unwin, D. M.; Martill, D. M.; Bakhurina, N. N.
The structure of the wing membrane in pterosaurs,
*Journal of Vertebrate Paleontology*; 1993; v.13, no.3 SUPPL., p.61A
Conference: Fifty-third Annual Meeting of the Society of Vertebrate Paleontology; October 13-16, 1993; Albuquerque, New Mexico, USA

Unwin, D. M.; Bakhurina, N. N.; Martill, D.M.; Frey, E.
The Structure, Function and Evolutionary History of the Pterosaur Flight Apparatus
*Journal of Vertebrate Paleontology*; 1996; v.16, no.3

Unwin, DM
Pterosaurs: Back to the traditional model?,
*Trends in Ecology and Evolution*; July, 1999; v.14, no.7, p.263-268

Wang, ZJ; Birch, JM; Dickinson, MH
Unsteady forces and flows in low Reynolds number hovering flight: Two-dimensional computations vs robotic wing experiments.
*Journal of Experimental Biology*; January 2004; v.207, no.3, p.449-460

Warrick, D.R. and K.P Dial,
Kinematic, aerodynamic and anatomical mechanisms in the slow, manuevering flight of pigeons,

Wellnhofer P., *Prehistoric Flying Reptiles*

Witmer, L.M., Chatterjee, S., Franzosa, J. and Rowe, T.,
Neuroanatomy of Flying Reptiles and Implications for Flight, Posture and Behavior,