

Dr Chow Jia Yi

Book

Year	Publication
2004	Wang, C. K., Singh, B., Ng, G. H., Lee, B., & Chow, J. Y. (2004). <i>Mental skills for peak performance: An athlete's guide</i> . Ministry of Education. Colour Xpress Printing.

Monographs

Year	Publication
2007	Chow, J. Y. (2007). <i>Coordination and its acquisition in a lower limb multi-articular interceptive task</i> . University of Otago, Dunedin, New Zealand.

Book Chapters

Year	Publication
2009	Chow, J. Y. , Davids, K., Button, C., Renshaw, I., Shuttleworth, R., & Uehara, L. (2009). Nonlinear pedagogy: Implications for Teaching Games for Understanding. In Hopper, T., Butler, J., & Storey, B. (Eds.). (2009). <i>TGFU...Simply Good Pedagogy: Understanding a Complex Challenge</i> . Ottawa: Physical Health Education Association (Canada).
	Chow, J. Y. , & Tan, C. (2009). Enhancing Game Play in PE and Sport: A Holistic Approach. In N. Aplin (Ed.), <i>Perspectives on Physical Education and Sports Science in Singapore: An Eye on the Youth Olympic Games 2010</i> (pp. 106-117). Singapore: McGraw Hill.
2008	Button, C., Chow, J. Y. , & Rein, R. (2008). Exploring the perceptual-motor workspace: New approaches to skill acquisition and training. In Y. Hong & R. Bartlett (Eds.), <i>Handbook of Biomechanics and Human Movement Science</i> (pp.538-553). London: Routledge.
2006	Koh, M., Lim, W. Y., Ng, F. K., & Chow, J. Y. (2006). Innovative practices involving information technology in physical education. In A. Chang, O. S. Tan, B. T. Ho & J. A. Netto-Shek (Eds.), <i>Enterprising ideas and innovative practices: the college year</i> .

Peer Refereed Journals

Year	Publication
2009	Chow, J. Y. , Davids, K., Button, C., Rein, R., Hristovski, R., & Koh, M. (2009). Dynamics of multi-articular coordination in neurobiological systems. <i>Nonlinear Dynamics, Psychology and Life Sciences</i> .
2008	Chow, J. Y. , Davids, K., Button, C., & Rein, R. (2008). Dynamics of movement patterning in learning a discrete multi-articular action. <i>Motor Control</i> , 12, 219-240.
	Chow, J. Y. , Davids, K., Button, C., & Koh, M. (2008). Coordination changes in a discrete multi-articular action as a function of practice. <i>Acta Psychologica</i> , 127, 163-176.
2007	Chow, J. Y. , Davids, K., Button, C., & Koh, M. (2007). Variation in coordination of a discrete multi-articular action as a function of skill level. <i>Journal of Motor Behavior</i> , 39(6), 463-479.
	Chow, J. Y. , Davids, K., Button, C., Shuttleworth, R., Renshaw, I., & Araújo, D. (2007). The role of nonlinear pedagogy in physical education. <i>Review of Educational Research</i> , 77, 251-278.
2006	Chow, J. Y. , Davids, K., Button, C., Shuttleworth, R., Renshaw, I., & Araújo, D. (2006). Nonlinear pedagogy: A constraints-led framework to understand emergence of game play and skills. <i>Nonlinear Dynamics, Psychology and Life Sciences</i> , 10(1), 71-104.
	Chow, J. Y. , Davids, K., Button, C., & Koh, M. (2006). Organization of motor system degrees of freedom during the soccer chip: An analysis of skilled performance. <i>International Journal of Sport Psychology</i> , 37, 207-229.
	Maraj, B., Morrison, Z., Chow, J. Y. , Davids, K. (2006). Perceptual motor regulation of kicking in soccer. <i>International Journal of Sport Psychology</i> , 37, 1-29.
	Davids, K., Chow, J. Y. , & Button, C. (2006). Coordination of lower limb interceptive actions as a function of skill level, <i>Journal of Biomechanics</i> , 39, 30.
2005	Davids, K., Chow, J. Y. , & Shuttleworth, R. (2005). A constraints-based framework for nonlinear pedagogy in physical education. <i>Journal of Physical Education New Zealand</i> , 38, 17-29.
2002	Raynor, A. J, Chow J. Y. , Abernethy, B., & Quek, J. J. (2002). Are transitions in human gait triggered by mechanical, kinetic or energetic factors? <i>Human Movement Science</i> , 21, 785-805.

Conference Papers (No Proceedings)

Year	Publication
2008	Chow, J. Y. (2008, November). <i>Nonlinear Pedagogy and its implication for Physical Education</i> . Paper to be presented at Asia-Pacific Educational Research Association (APERA) Conference, Singapore.
	Chow, J. Y. , Davids, K., & Button, C. (2008, November). <i>A nonlinear perspective to motor learning in multi-articular interceptive actions</i> . Paper to be presented at 2 nd International Congress of Complex Systems in Sport. Madeira, Portugal.
	Chow, J. Y. , & Davids, K. (2008, May). <i>Theoretical Implications for TGfU: Insights from Nonlinear Pedagogy</i> . Paper presented at Fourth International Teaching Games for Understanding (TGfU) Conference, Vancouver.
2007	Chow, J. Y. , Davids, K., & Button, C. (2007, June). <i>Movement pattern variability: Neurobiological noise or adaptive behaviour during motor learning</i> . Paper presented at European Workshop on Movement Science, Amsterdam.
2006	Chow, J. Y. (2006, September). <i>A constraints-led perspective to understanding skill acquisition and game play</i> . Paper presented at Physical Education and Sports in a Changing World Conference, Singapore.
	Chow, J. Y. , Koh, M., Tan, P. H., Kairi, M. F., Sundram, N., & Tan, X. N. (2006, December). <i>Effects of external and internal indicators for learning soccer chip</i> . Paper presented at 15th International Conference on Mechanics in Medicine and Biology, Singapore.
2005	Chow, J. Y. , Davids, K., Button, C., & Koh, M. (2005, December). <i>Effect of task constraints on reorganization of motor system degrees of freedom</i> . Paper presented at Motor Control and Cognitive Neuroscience Conference, Dunedin.
	Lange, N., Chow, L., Leow, C. H., Chow, J. Y. , & Koh, M. (2005, December). <i>Varying soccer chipping task constraints: Implications for soccer coaching</i> . Paper presented at 12th International Conference on Biomedical Engineering., Singapore.
	Chow, J. Y. , & Koh, M. (2005, October). <i>Effectiveness between implicit and explicit methods of anticipation training in soccer penalty shoot-out</i> . Paper presented at United Nations International Conference on Sport and Education, Bangkok.
	Chow, J. Y. , Davids, K., Button, C., & Koh, M. (2005, October). <i>Effect of task constraints on soccer kicking: An exploratory study</i> . Paper presented at United Nations International Conference on Sport and Education, Bangkok.
	Chow, J. Y. , Davids, K., Button, C., & Koh, M. (2005, October). <i>Decaying and emerging task constraints in the acquisition of soccer kicking skills</i> . Paper presented at United Nations International Conference on Sport and Education, Bangkok.
2004	Chow, J. Y. , & Koh, M. (2004, August). <i>Perceptual skills training- Making it an authentic learning experience</i> . Paper presented at Teaching, Learning and Assessment Conference, Singapore.
2001	Raynor, A. J., Chow J. Y. , & Abernethy, B. (2001, December). <i>Are transitions in human gait triggered by mechanical, kinetic or energetic factors?</i> Paper presented at Sixth Biennial Motor Control and Human Skill Research Workshop, Perth.
1999	Chow, J. Y. , Raynor, A., & Abernethy, B. (1999, November). <i>An Investigation of mechanical, energetic and kinetic triggers associated with human walk to run transition</i> . Paper presented at 5th International Olympic Council (IOC) World Congress on Sports Sciences, Sydney.

Creative Works/ Software Productions

Year	Publication
2004	Chow, J. Y. , & Koh, M. (2004). <i>Soccer penalty perceptual videos- Temporal occlusion (Training Video)</i> . Singapore: NIE.
	Chow, J. Y. , & Koh, M. (2004). <i>Soccer penalty perceptual videos- Temporal occlusion (Test Video)</i> . Singapore: NIE.