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## 寒武纪大爆发及环境背景研究领域近5年内发表的有影响的主要论文

实验室填报的佐证成果				
成果类型	成果名称	完成人	刊物、出版社或授权单位名称	年、卷、期、页或专利号
论文	Lower Cambrian Vendobionts from China and early diploblast evolution	Shu Degan, S.Conway Morris, Han Jian, Li Yong, Zhang Xingliang, Hua Hong, Zhang Zhifei, Liu Jianni, Guo Junfeng, Yao Yang, K.Yasui	Science	2006, 312: 731-734
论文	Cambrian explosion: Birth of tree of animals	Shu Degan	Gondwana Research	2008, 14: 219-240
论文	Skeletogenesis and asexual reproduction in the earliest biomineralizing animal Cloudina	Hua Hong, Chen Zhe, Yuan Xunlai, Zhang Luyi, Xiao Shuhai	Geology	2005, 33 ( 4 ) : 277 - 280
论文	The advent of mineralized skeletons in Neoproterozoic Metazoa-new fossil evidence from the Gaojiashan Fauna	Hua Hong, Chen Zhe, Yuan Xunlai	Geological Journal	2007, 42: 263-279
专著	Cambrian naraoiids (arthropoda) : morphology, ontogeny, systematics, and evolutionary relationships	Zhang Xingliang, Shu Degan, D.H. Erwin	The Paleontological Society Memoir 68, 52 pp	2007
论文	Evidence of Priapulid scavenging from the Early Cambrian Chengjiang deposits, South China	Han Jian, Zhang Zhifei, Liu Jianni, Shu Degan	Palaios	2007, 22: 691-694
论文	A new theca-bearing Early Cambrian worm from the Chengjiang fossil Lagerstätte,	Han Jian, Zhang Xingliang, Zhang Zhifei, Shu Degan	Alcheringa	2006, 30: 1-10

	China			
论文	Morpho-anatomy of the lobopod <i>Magadictyon cf. haikouensis</i> from the Early Cambrian Chengjiang Lagerstätte, South China	Liu Jianni, Shu Degan, Han Jian, Zhang Zhifei, Zhang Xingliang	Acta Zoologica (Stockholm)	2007, 88: 279-288
论文	The lobopod <i>Onychodictyon</i> from the Lower Cambrian Chengjiang Lagerstätte revisited	Liu Jianni, Shu Degan, Han Jian, Zhang Zhifei, Zhang Xingliang	Acta Palaeontologica Polonica	2008, 53 (2) : 285 - 292
论文	Rhynchonelliformean brachiopods with soft-tissue preservation from the Early Cambrian Chengjiang Lagerstätte of South China	Zhang Zhifei, Shu Degan, Christian Emig, Zhang Xingliang, Han Jian, Liu Jianni, Li Yong, Guo Junfeng	Palaeontology	2007, 50 (6) : 1391-1402.
论文	New data on the rare Chengjiang (Lower Cambrian, South China) linguloid brachiopod <i>Xianshanella haikouensis</i>	Zhang Zhifei, Shu Degan, Han Jian, Liu Jianni	Journal of Paleontology	2006, 80 (2) : 203-211
论文	Architecture and function of the lophophore in the problematic brachiopod <i>Heliomedusa orientalis</i> (Early Cambrian, South China)	Zhang Zhifei, Li Guoxiang, Christian C. Emig, Han Jian, Lars E. Holmer, Shu Degan	Geobios	2009, 42: 649 - 661
论文	The nature and significance of the appendages of <i>Opabinia</i> from the Middle Cambrian Burgess Shale	Zhang Xingliang, Derek E.G. Briggs	Lethaia	2007, 40: 161-173.
论文	Soft-bodied fossils from the Shipai Formation, Lower Cambrian of the Three Gorge area, South China	Zhang Xingliang, Hua Hong	Geological Magazine	2005, 142 (6) : 699-709
论文	A new arthropod from the Chengjiang Lagerstätte, Early Cambrian, southern China	Zhang Xingliang, Shu Degan	Alcheringa	2005,29:185-194.