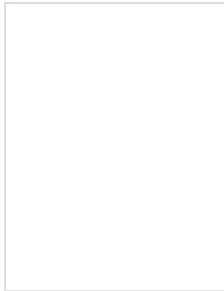


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Education

2009, Ph.D. in Computer Science, City University of Hong Kong

Research Interests

Large-scale video/image/audio data analysis and retrieval, multimedia, computer vision, social networks, pattern recognition.

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My research is in the areas of multimedia content analysis and computer vision. I lead the BigVid Lab, conducting research on all aspects of extracting high-level information from big video data, such as video event recognition, object/scene recognition and large-scale visual search.

I participate regularly in international benchmark competitions. At the annual [U.S. NIST TREC video retrieval evaluation \(TRECVID\)](#), I have designed a few best-performing systems (among many submissions worldwide) in [2008 video concept detection task](#) and [2010 multimedia event detection task](#). I am also one of the organizers of [the THUMOS Challenge on Large Scale Action Recognition](#).

My publications and citations on Google Scholar [can be found here](#).

[06/2016] **NEW!** [Our work on image search with hash codes](#) received the 2016 IEEE Trans. on Multimedia Prize Paper Award Honorable Mention.

[02/2016] Due to many requests, researchers interested in getting the videos of [the CCV dataset](#) can fill up [this form](#) and send to me for a link.

[02/2015] [We have released FCVID, one of the largest public Web video datasets with manual annotations \(91,223 videos, 239 categories\)](#).

[11/2014] [Our paper](#) received best poster award at ACM Multimedia 2014.

[08/2014] [The website of ACM ICMR 2015](#) (June 23-26, Shanghai, China) is online.

[08/2014] [We have released VCDB](#), the largest public dataset with manually annotated **real** partial video copies.

[08/2014] [The workshop of the 2nd THUMOS Action Recognition Challenge](#) will be held in conjunction with ECCV 2014.

[01/2014] [The violent scenes detection dataset used in MediaEval 2013 is available online](#), jointly provided by Technicolor, Fudan, and UIT Vietnam.

dataset / code



[FCVID: Fudan-Columbia Video Dataset](#)
[91,223 Web videos annotated manually according to 239 categories](#)



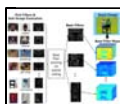
[VCDB: a large-scale database for partial copy detection in videos](#)
[ECCV 2014 paper](#)



[Dataset for predicting video emotions](#)
[AAAI 2014 paper](#)



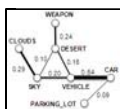
[Dataset for predicting video interestingness](#)
[AAAI 2013 paper](#)



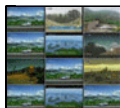
[Part-level attributes for visual recognition \(source code\)](#)
[ECCV 2012 paper](#)



[CCV: a benchmark dataset for consumer video analysis](#)
Note: To obtain a copy of the videos in CCV, please fill up [this form](#) and send to me for a link.



[Domain adaptive semantic diffusion \(DASD\) for context-based visual annotation refinement](#)
[ICCV 2009 paper](#) | [source code](#)



[VIREO-374: keypoint-based LSCOM semantic concept detectors](#) [see who has used it](#)
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Selected other recent projects



[Query-adaptive image search with hash codes](#)
[IEEE TMM 2013 paper](#)

[Violent scene detection in movies](#)

Publications

sorted by year | [by topic](#) | [by citations on Google Scholar](#)

2016

- Zuxuan Wu, Yu-Gang Jiang, Xi Wang, Hao Ye, Xiangyang Xue
Multi-Stream Multi-Class Fusion of Deep Networks for Video Classification [\[pdf\]](#) [\[bibtex\]](#)
ACM Multimedia (ACM MM), Amsterdam, The Netherlands, Oct. 2016. (Full Paper)
- Qi Dai, Jianguo Li, Jingdong Wang, Yu-Gang Jiang
Binary Optimized Hashing [\[pdf\]](#) [\[bibtex\]](#)
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- Chen Chen, Zuxuan Wu, Yu-Gang Jiang
Emotion in Context: Deep Semantic Feature Fusion for Video Emotion Recognition [\[pdf\]](#) [\[bibtex\]](#)
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- Yongqing Sun, Zuxuan Wu, Xi Wang, Hiroyuki Arai, Tetsuya Kinebuchi, Yu-Gang Jiang
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- Rui-Wei Zhao, Jianguo Li, Yurong Chen, Jia-Ming Liu, Yu-Gang Jiang, Xiangyang Xue
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(top performance)
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NIST TRECVID Workshop (TRECVID), Gaithersburg, USA, Nov. 2015.