A Complete Bibliography of ACM Transactions on Interactive Intelligent Systems (TIIS)

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11 December 2019
Version 1.20

Title word cross-reference

2017 [CDF19]. 2018 [BBQ19].

Abilities [SCC14]. Ability [HKR+18, MHC+18]. Abstract [SYS+15].
Academic [DMGG13]. Access [CSM+12]. Accuracy [HKR+18, KB17, SFKL19].
Advertisements [PW19]. Advice [SHY16, TOF16]. Advising [DMGG13].
Advisor [SHY16]. Aerial [DM17]. Affect [BDO+16, CLP+14, YLVE12, EWS12].
Advertisements [PW19]. Advice [SHY16, TOF16]. Advising [DMGG13].
Automatically Analyzing Artifical Anatomy Approaches Approaches

Argumentative Bi-Level can [KK12]. Capabilities [KW16], Capable [CNI15]. Capturing [GRC+12, KLR+18]. Care [YYI+16].

caregiving [HCDRB12]. Case [DSEV19, SG12]. Case-Based [DG12].

casual [JKFY13]. Centered [FG18, FB18]. Changes [DLMC15, MKS+17, YLVE12].


children [ONTHS11]. Chronoses [PK+18]. Citation [WSL+18].

Classification [AHJR18, DGG16, DLMC15, JWK14, KPSK17, KSW+11]. Classrooms [BDO+16]. Clustered [ZCC+18].

Clustering [NSMM18, SMM19]. Co [DHS+17]. Co-Creative [DHS+17]. Coding [CDK+18].

Cognitive [NCWC17, SCC14, CRC+12]. cognitively [DG12]. Collaboration [DHS+17].

Collaborative [FBC14, PYDM16]. Collective [NWP+18, PCK+13].

Combating [GSC+17]. Commerce [BHNP19]. Commodity [ZGZ+16].

Common [DJH+12, GRC+12, KH12, LH12].

back [DG12]. Bandit [BHNP19]. Bandit-Based [BHNP19]. Based [BHNP19, GGC+19, NSMM18, OPM17, PASR+16].

SSL+19, SG12, TSSL15, TVCL16, WHLZ18, CYW19, RAE+14, WRH18, YLVE12.

Bases [KH12]. Basis [NYT+16, RK16].

Bayes [KSW+11]. Be [IJKY16a, YYI+16].

Behavior [BLV14, CR+16, CN15, DK15, IOKY16a, RK16, SHA+15b, SHA+15a, YT15, CRC+12, HCDRB12, JFY13].

Behavioral [CMPS17, RH19]. Behaviors [LC18, RAM17, YIS+14]. Benefits [TSSL15]. Beyond [KB17, ZGZ+16].

Beyond-Accuracy [KB17]. Bi [KK19].

Bi-Level [KK19]. Bias [FBS13, GSC+17, PK12]. Big [CMPS17, CGHS17]. Binary [NLN+14].

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Brief [SHA+15b]. browser [TDBL13].
Communicating [MHC+18].

During [SLMK18, GSC+17, YLVE12]. dyadic [HCDRB12]. Dynamic [OHZ+18, TVCL16]. Dynamics [SKG+18].


General-Purpose \cite{VLP15}. generated \cite{DSEV19}. Generating \cite{NYYT16}. Generation \cite{AMN+13, CMGM18, DMGG13, YN13}. Genome \cite{VSR12}. gestural \cite{ZBGD14}. Gesture \cite{CMTB15, KKL+19, KCTH19, PSOC16, TSSL15, SDD12, ZBGD14}. 

**General-Purpose** \cite{VLP15}. generated \cite{DSEV19}. Generating \cite{NYYT16}. Generation \cite{AMN+13, CMGM18, DMGG13, YN13}. Genome \cite{VSR12}. gestural \cite{ZBGD14}. Gesture \cite{CMTB15, KKL+19, KCTH19, PSOC16, TSSL15, SDD12, ZBGD14}.

**Hand** \cite{KCTH19, MBR16, SDD12}. Hand-Over-Face \cite{MBR16}. Handwriting \cite{OHZ+18}. healthcare \cite{HBP+12}. 

**Hand** \cite{KCTH19, MBR16, SDD12}. Hand-Over-Face \cite{MBR16}. Handwriting \cite{OHZ+18}. healthcare \cite{HBP+12}. Helpers \cite{COAR16}. Hierarchical \cite{CKKD14}. High \cite{GSC+17, MSD+16, SDW+18}. High-Dimensional \cite{GSC+17, SDW+18}. 

**Hand** \cite{KCTH19, MBR16, SDD12}. Hand-Over-Face \cite{MBR16}. Handwriting \cite{OHZ+18}. healthcare \cite{HBP+12}. Helpers \cite{COAR16}. Hierarchical \cite{CKKD14}. High \cite{GSC+17, MSD+16, SDW+18}. High-Dimensional \cite{GSC+17, SDW+18}.

**High-Volume** \cite{MSD+16}. Highlights \cite{BBQ19, CDF19, JR12}. HILC \cite{ITB19}. History \cite{HK16}. Home \cite{DFR15}. 

**High-Volume** \cite{MSD+16}. Highlights \cite{BBQ19, CDF19, JR12}. HILC \cite{ITB19}. History \cite{HK16}. Home \cite{DFR15}. Household \cite{HBKM19}. Human \cite{AHJR18, And12, BPUK18, BMD+15, CdGF+13, DMM+17, FG18, Gil15, HMM+19, JCL+19, KFWL14, KP18, KGCC18, LC18, MR19, RAMZ+17, RK16, TSN+16, TOF16, VLP+15, WRH18, WHLZ18, XZY16, GR13, HCDRB12, ONTHS11, SDD12}. Human-Agent \cite{TSN+16}. Human-Centered \cite{FG18}. Human-Computer \cite{And12, SDD12}. Human-Environment \cite{VLP+15}. Human-in-the-Loop \cite{KP18, WHLZ18, HMM+19}. Human-Machine \cite{JCL+19, KGCC18}. Human-Robot \cite{BPUK18, WRH18, XZY16, HCDRB12, ONTHS11}. Humanoid \cite{CN15}. Hypothesis \cite{MSD+16}. 

**Human** \cite{AHJR18, And12, BPUK18, BMD+15, CdGF+13, DMM+17, FG18, Gil15, HMM+19, JCL+19, KFWL14, KP18, KGCC18, LC18, MR19, RAMZ+17, RK16, TSN+16, TOF16, VLP+15, WRH18, WHLZ18, XZY16, GR13, HCDRB12, ONTHS11, SDD12}. Human-Agent \cite{TSN+16}. Human-Centered \cite{FG18}. Human-Computer \cite{And12, SDD12}. Human-Environment \cite{VLP+15}. Human-in-the-Loop \cite{KP18, WHLZ18, HMM+19}. Human-Machine \cite{JCL+19, KGCC18}. Human-Robot \cite{BPUK18, WRH18, XZY16, HCDRB12, ONTHS11}. Humanoid \cite{CN15}. Hypothesis \cite{MSD+16}.

icon \cite{SFTI+13}. icon-driven \cite{SFTI+13}. idea \cite{YN13}. Identification

| VLP+15 | General-Purpose \cite{VLP+15}. generated \cite{DSEV19}. Generating \cite{NYYT16}. Generation \cite{AMN+13, CMGM18, DMGG13, YN13}. Genome \cite{VSR12}. gestural \cite{ZBGD14}. Gesture \cite{CMTB15, KKL+19, KCTH19, PSOC16, TSSL15, SDD12, ZBGD14}. | LPBG19, SVK16. I'll \cite{YYI+16}. Ilmo \cite{Mar14}. Impact \cite{WSL+18}. impairments \cite{AFFB14, CSM+12}. Implicit \cite{JWK14}. Improve \cite{SFKL19}. Inclusive \cite{GRNW15}. Incremental \cite{DFR15}.

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Intergroup [Hol18]. Internal [RHS19].
Internet [GR13, PCK+13, YN13].
Internet-scale [GR13, PCK+13, YN13].
Interpersonal [CRO+16, JCL+19].
Interpretations [PSMO18]. Interpreting [BLV14]. Intervention [RHS19, WZB+16].
Introduction [AC13, BBT+15, CRP+12, CGHS17, CDF+14, FG18, GR13, JR11, JR12, LH12, NBHJ16, SHA+15b, SLM+13, TOF16].
Investigating [CGT12]. IoT [HBKM19].
Isolated [SBN+18]. Issue [BBQ19, BBT+15, CGHS17, CDF19, CFD+14, FG18, KGCC18, LH12, LC18, NBHJ16, SHA+15b, TOF16, CRP+12, JR12, SLM+13]. item [RAE+14]. Items [SHK19]. IUI [BBQ19, CDF19].
John [Jam13]. Just [HKR+18].

kernel [HJ11]. Keyterm [NSMM18]. Keyterm-Based [NSMM18]. Knowledge [GRC+12, KH12, VSR12].

Lab [MBD+15]. Language [BLV14, DMGG13, FBC14, PLBG19, BSBC12, PCK+13]. laughter [SGS+12].
Layouts [TJLO19]. Leading [DGG16].
Learned [JCL+19]. Learner [BDO+16].
Learning [AG13, CDK+18, CFD+14, CKKD14, DFR15, DG12, DK18, FG18, FB18, HMH+19, JKL16, KFWL14, KTD17, KCC+19, KPSK17, MHC+18, NLM+14, PYDM16, RHS19, SHK19, SGR+19, HJ11].

Machine [CDK+18, CFD+14, DK18, FG18, FB18, JKL16, JCL+19, KFWL14, KTD17, KGCC18, MHC+18, SGR+19].
Machine-Learning [KTD17]. Machines [AHJR18]. Making [CdGF+13, KTD17, KK13, SLMK18].
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Messages [KDMA12]. Metaphors [ABJ15].
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KFWL14, NYYT16, SGS+12. Multiple [CFD+14, KH12, MHC+18, VPB16, HJ11].
Multiple [YI16]. multistroke [HP11].

naive [KSW+11]. Natural [BLV14, CRP+12, EWS12, SGS+12, SDD12].
Naturalistic [MBR16]. Nature [WBL+13].
Navigation [ZL17, AFFB14].
Neighborhood [PSMO18]. networks [CAB+13]. Next [IKY16a, IKY16b, YYI16].
Non [EGQ16]. Non-Visual [EGQ16]. Nonstrict [CKKD14]. Normal [Rv14, VBCC19].
Novel [VSR12]. Novelty [KB17].

object [IJ11]. Objectives [KB17]. objects [MGF13, SL+13, vdGPOvB+13].
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Observation-Level [SDW+18]. offline [SGS+12]. Older [SBN+18]. Ongoing [ZF17].
Online [FWY+18, HC16, PSC+16, AFFB14, KR14, SGS+12]. Open [SG12].
Open-Domain [SG12]. Operations [MKF+15]. Optimization [MKF+15].
Order [YYI16]. oriented [KSW+11].
Out-of-the-Lab [MBD+15]. Outcomes [RHS19]. output [vdGPOvB+13].
Overview [JJ17]. Oz [BL15].

Paintings [SYS+15]. Pairs [DK15].
Parametric [CQW+14, SDW+18]. Park [SKG+18]. Parkinson [MBD+15].
Participation [NYT16]. partitioning [GGC+19]. Pattern [CCM14, SKKM15].
PhD [ITB19]. Pen [TVCL16]. Pen-Based [TVCL16]. People [HBP+12, AFFB14, CAB+13, KK12].
Perception [OPM17]. Perceptions [Hol18].
Perceptual [CMGM18]. Performance [SCC14, YDL+17]. Performing [YDL+17].
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Phenomenon [WRI18]. phones [AFFB14].
Positional [MKS+17]. Potential [CGT12].
Practice [MHC+18]. Predict [IKY16b, OHZ+18]. Predicting [SLMK18, WBL+13]. Prediction [DLMC15, FBC14, IKY16a, PSC+16, RK16].
Proactive [KLR+18]. problem [GR13].
Process [YK16]. Processes [DMGG13].

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Quality [CGT12, DSE19, GGC+19]. NKP+19. WBL+13]. Quantify [PW19].
Quantifying [DHS+17]. Quantitative [YT15]. Quartet [DG16]. Query [FBC14].
Questions [ITB19].

[PSR+16, WES16]. Real-Time
[PASR+16, WES16]. Reality [WZB+16].
realization [KPP14]. Reasoning
[DJH+12, KH12, SG12]. Recognition
[AG13, APY+19, BL15, BBT+15, CMTB15,
CLP+14, KCTH19, MKS+17, PLBG19,
PSOC16, PASR+16, SVK16, TSSL15,
WES16, YSD15, YK16, SDD12, YLVE12,
ZBGD14]. Recognizer [BL15].
Recognizing [CNI5, HP11].
Recommender [CdGF+13, CGT12,
JWK14, KB17, KK13, KB16, SHK19].
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Recommending [MVT16]. Recovery
[MR19]. Reduce [KDMA12]. Refinement
[ZCC+18]. Reflections [MHC+18].
Regression [CCM14]. Reinforcement
[CKKD14]. Relation [DAW18]. relations
[vdGPOvB+13]. Relevance [VPB16].
Reliability [CLS+18]. Repair [BPUK18].
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[KKL+19]. Representation
[PSOC16, RAMZ+17]. Requesting
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[KLR+18, HJJ11]. Review [DK18, MKF+15].
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[WRH18]. Roadmap [DBTV19]. Robot
[BPUK18, CN15, GKP15, KFWL14, MR19,
NYYT16, RHS19, WRH18, WHL18,
XZY16, YYY+16, HCDRB12, ONTHS11].
Robotic [CLP+14, Hol18]. Robots
[CFF+14, CKKD14, PLBW17, RAMZ+17].
Role [XZY16]. Roles [NYYT16]. Routines
[DFR15]. Say [SG12]. Scalable [PCNB17]. scale
[GR13, PCK+13, YN13]. Scattered [ZF17].
Science [CDK+18]. Sclerosis [MHC+18].
Screens [VBCC19]. scrutinize [KK12].
Search [CMPS17, DSV17, DBTV19,
KLR+18, TJLO19, ZCC+18]. section
[AC13, GR13]. See [XZY16]. Selection
[GSC+17]. Semantic [PSMO18, RAMZ+17,
SSL+19, SGR+19, YSD15]. Semi
[SKKM15]. Semi-Structured [SKKM15].
Semisupervised [PYDM16]. Sense
[DJH+12, KH12, LH12]. Sensed [MHC+18].
Sensing
[AHJR18, APY+19, VLP+15, EWS12].
Sensitive [CLP+14]. Sensor [KTD17].
sensors [HBP+12]. Sentiment [CYW19].
Sentiment-based [CYW19]. Sequence
[MSD+16]. Sequences [DPS+19, PCK+18].
Serendipity [KB17]. Series
[KTD17, LPBG19]. Service
[OBG+19, YYI+16]. services
[KPP14, TDBL13]. Sets [SHK19]. Shifting
[CDK+18]. sight [CSM+12]. Sign
[PLBG19]. Signal [ML19, OHZ+18].
SignCom [GCDN11]. signers [GCDN11].
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[HP11]. Sketching [HKR+18]. Skills
[TSN+16]. Skin [NCWC17]. Sleep
[HKR18]. Small
[CSD14, CN15, VBCC19]. Smart
[MKS+17]. AFFB14, MGF13, SLM+13.
vdGPOvB+13, DFR15]. Smarter [ML19].
Smartphone [YT15]. Smartphones
[ZGZ+16]. Smiling [OPM17]. Snacking
[KDMA12]. Social
[BMD+15, CDK+18, CN15, DBTV19, DK15,
KFWL14, ML19, PSC+16, SCKOG15,
TSN+16, TB19, CAB+13, KR14, RAE+14].
solving [GR13]. Sound [FB18, KP18].
Space [VBCC19]. Spatial [ZLW17].
Spatialization [SSL+19]. Speak
[IOKY16b]. Speaker [IOKY16a]. Special
[BBQ19, BBT+15, CDF19, CFF+14, FG18,
KGCC18, LC18, NBHJ16, SHA+15b].

Statistics [Mar14]. Stimulus [GKP15].


Stylistic [YIS+14]. Support [CDK+18, SBN+18, VSR12, KR14].

Supporting [DSV19, JLL16]. Surfaces [APY+19]. Survey [KB17, PLBW17].

Symbolic [KCTH19, WHLZ18, YK16]. System [And12, BL15, EQG16, FWY+18, ITB19, JLL16, KP18, KCTH19, YYI+16, YDL+17, GCDN11, YN13]. Systematic [MSD+16, YK16].

Systems [CMTB15, CDG+13, CGT12, CFD+14, CKKD14, JWK14, KB17, KDMA12, KK13, KGCC18, KB16, NBHJJ16, SHK19, HJ11, JR12, KK12, CGHS17, JR11, LH12].

Tag [VSR12, RAE+14]. tagging [RAE+14].


tangible [vdGPOvB+13]. Task [AMN+13, KLR+18, KPP14, PASR+16, SCC14]. Tasks [GRC+12].

Taxonomy [MKF+15]. Teaching [TSN+16].

Technique [CCM14, YSD15]. Techniques [PLBG19, TRO+19, YIS+14].

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tensor [RAE+14]. Testing [MSD+16].

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Time-Series [KTD17]. To-Do [GRC+12].

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Topic [HC16, YPL+16]. Touch [CN15, EGQ16].

Touchscreen [ZGZ+16]. Traffic [Riv14].

Training [MBD+15, PASR+16].

Traits [KW16, SHKM19]. Trajectories [CMGM18].

Transactions [KGCC18, JR11].

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Triggering [KR14].

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Trust-Based [WHLZ18].

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Tutoring [RHS19].

Twitter [OBG+19].

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Updatable [PCB17].

Urban [PSM18].

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User-adaptive [LPBG19].

User-Centered [FB18].

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User-Driven [DSV17].

User-generated [DSEV19].

Users [VPB16].

Using [AHJR18, APY+19, BLV14, BDO+16, CDF+18, FB18, HRKR18, IOKY16a, IOKY16b, PSM18, PLBG19, SYS+15, SG12, YYI+16, AFFB14, SGS+12].

USMART [YSD15]. Utilizing [PCK+13].

Validation [CMGM18].

Value [RAMZ+17].

Variation [CMTB15].

Vehicle [DM17].

Via [ITB19].

Video [BDO+16, SCKOGP15].

VideoMob [DNW15].

videos [YLVE12].

View [TRO+19].

Violent [Hol18].

Virtual
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**Akash:2018:CMS**


**Amershi:2013:LAW**


**Andrews:2012:SPP**


**Avrahami:2019:UAR**


**Aslan:2016:DEM**


**Billinghurst:2019:SIH**

Mark Billinghurst, Margaret Burnett, and Aaron Quigley. Special issue on highlights of ACM Intelligent User Interface (IUI) 2018. ACM Transactions on Interactive Intelligent Systems (TIIS),
Bulling:2015:ISI


Bosch:2016:UVA


Berkovsky:2012:IIF


Broden:2019:BBE


Bott:2015:WRW


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Gibet:2011:SSD


Guo:2019:VEA


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**Gil:2012:CCK**


**Grenader:2015:VIA**


**Gotz:2017:ACM**


**He:2019:DDA**


**Hoey:2012:PSD**


**Hoque:2016:ITM**

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