

Table 1 Categorization of the selected publications. Publications were selected based on the occurrence of the term “military” in the abstract or title or when they were cited at least 20 times (according to Zotero’s CrossRef citation manager). The assigned attributes are intended to reflect the main focus of the individual contribution; it is thus a non-exhaustive overview.

Ref.	Appl. context			Technology								Tasks	Goals
	general-purpose	Safety-critical	military	AR/VR	AI	robot	UAV	game	data set	map	other	undefined	
[1]	✓							✓			✓	training	accuracy
[2]		✓		✓								training	immersion
[3]	✓			✓								close-by assistance	SA
[4]	✓				✓	✓						object recognition, detection, delivery	trust, explainability, autonomy
[5]	✓			✓								training	immersion, UX
[6]		✓					✓					surveillance, target selection	accuracy
[7]	✓				✓							communication	accuracy
[8]		✓							✓			surveillance, detection	accuracy, speed, robustness
[9]	✓			✓								training	accessibility
[10]		✓			✓							review	explainability, autonomy
[11]		✓			✓							training	accuracy
[12]	✓										✓	SA	SA
[13]	✓			✓								training	immersion, UX
[14]		✓			✓							review	explainability, autonomy
[15]			✓								✓	SA	SA, speed
[16]		✓			✓		✓					communication	trust, transparency, info quality, adaptivity
[17]			✓								✓	information processing	security, privacy
[18]		✓					✓					surveillance, detection	robustness, SA
[19]	✓			✓								training	immersion, UX
[20]			✓					✓			✓	supply chain management	SA
[21]		✓			✓		✓					surveillance, detection	efficiency
[22]		✓					✓					detection	SA
[23]	✓				✓							SA	security, SA
[24]	✓										✓	undefined	autonomy
[25]	✓										✓	SA	efficiency, flexibility
[26]	✓										✓	undefined	fairness
[27]	✓			✓								training	immersion, UX
[28]	✓				✓							surveillance	accuracy
[29]	✓				✓							communication	explainability
[30]	✓										✓	undefined	fairness
[31]		✓		✓								battlefield care	usability (collaboration)
[32]	✓				✓							SA	accuracy
[33]	✓				✓							object recognition, communication	transparency
[34]	✓										✓	undefined	fairness
[35]	✓										✓	undefined	fairness, autonomy
[36]	✓			✓								SA	information quality, SA
[37]	✓										✓	undefined	fairness
[38]	✓					✓						close-by assistance	UX
[39]	✓				✓				✓			review	accountability
[40]	✓				✓							communication	explainability, trust
[41]		✓				✓						close-by assistance	trust, accountability
[42]	✓							✓		✓		training	predictability
[43]	✓										✓	SA	accuracy
[44]	✓										✓	undefined	standardization

[45]		✓				✓									battlefield care	SA
[46]	✓					✓									intelligence	robustness
[47]	✓					✓			✓						training, communication	explainability
[48]	✓									✓					object recognition	fairness
[49]		✓											✓		undefined	fairness
[50]	✓					✓									communication	UX, trust
[51]	✓					✓						✓			information processing	trust, security
[52]	✓								✓		✓				SA	collaboration, immersion
[53]		✓		✓											training	UX
[54]	✓					✓									undefined	fairness
[55]	✓					✓									communication	UX
[56]		✓				✓									detection, delivery	UX, trust
[57]	✓					✓									intelligence	accuracy, robustness
N =	38	16	3	10	20	6	5	5	3	2	8	8				

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