		Appr	oach and desig	gn .			Data co	llection	Data analysis and find	ings	Other
Paper	Was the research problem and/or research question clearly reported/defined?	2. Was there a clear statement of the aims and/or objectives of the research?	3. Was a qualitative methodology appropriate?	4. Was the research design appropriate to address the aims of the research?	5. Was the sampling and recruitment strategy clearly defined and justified?	6. Was the method of data collection well described?	7. Were any techniques to enhance trustworthiness used?	8. Has the relationship between researchers and participants been adequately considered? 9. Have ethical issues been taken into consideration?	10. Was the data analysis/interpretation process well described and justified?	analysis and	13. Was any conflict of interest reported?
	Yes Partially No Undear	Yes Partially No Undear	Yes Partially No Undear	Yes Partially No Undear	Yes Partially No Unclear	Yes Partially No Unclear	Yes Partially No Unclear	Yes Partially No Unclear Yes Partially No Unclear	Yes Partially No Unclear Yes Partially No	Yes Partially No Unclear	Yes
Aarts et al. (2004) [55]	•	•	•	•	•	•	•	• •	• •	•	•
Abraham et al. (2018) [95]	•	•	•	•	•	•	•	•	•	•	•
Abramso n et al. (2012) [18]	•	•	•	•	•	•	•	• •	•	•	•
Abramso n et al. (2016) [81]	•	•	•	•	•	•	•	•	•	•	•
Ash et al. (1999) [24]	•	•	•	•	•	•	•	•	•	•	•
Ash et al. (2000) [48]	•	•	•	•	•	•	•	•	•	•	•
Ash et al. (2001a) [51]	•	•	•	•	•	•	•	• •	•	•	•
Ash et al. (2001b) [57]	•	•	•	•	•	•	•	• •	•	•	•
Ash et al. (2003a) [43]	•	•	•	•	•	•	•	• •	•	•	•

							A	ppro	ach	and	de	ign													D	ata d	oll	ectio	n								Dat	ta an	alys	sis aı	nd fi	ndin	gs				Ot	her
Paper	pr res	oble earcl cle	m and h que early	earch d/or stion ined?	clea	r sta f the and jecti	there teme aim /or ives o earcl	ent s of	qu	. Wa alita hodo ropr	tive olog	, a	sea ppro add aim	pria ress	esigr te to the the	sa r str	i. Wa mpli ecrui ateg efine justi	ing a itme y cle ed ar	and ent early nd	met col	hod lectio	s the of da on we bed?	eta ell	tecl e trust	hniqu nhar	thines	ľ	esear parti	twe che icipa eer	ship en rs and ants n tely	l is	sues aken	ethica been into ration:	ana pro	alysis	/inte		tatio: cribed	cl	lear s	as the stater	ment	aı	nalys find	re the is and ings ible?		confl inte	as any ict of rest rted?
	Yes	Partially	No.	Undear	Yes	Partially	No	Undear	Yes	Partially	o N	Unclear	res Satisfic	A CA	Undear	Yes	Partially	N _O	Unclear	Yes	Partially	No	Unclear	Yes	Partially	No I	Onclear	Yes Partially		No Unclear	Yes	Partially	No	Yes		Partially	N _O	Unclear	,	Yes	No	Unclear	Yes	Partially	No	Unclear	Yes	ON.
Ash et al. (2003b) [42]			•	·	•				•			•	•		·		•			•				•	·	·			•	•		•	•	•					•	•			•				·	•
Ash et al. (2003c) [58]	•		٠	·	•	 ,	•		•			•	•		·		•	•		•				•	•				•	•		•	·	•	•			•	•	•			•				•	•
Ash et al. (2005) [52]	•		•	•		•			•						•		•			•				•	•	·		·	•	•		•		•					•	•			•				·	•
Ash et al. (2012) [53]			•		•					•		·	•				•			•						•			•	•		•				•		-	•	•				•				•
Barber et al. (2007) [16]			•		•				•			·	•			•				•				•					•	•		•		•					•	•			•					•
Baysari et al. (2011) [80]			•	<u>.</u>	•				•			·	•			•				•					•				•	•		•				•			•	•			•					•
Baysari et al. (2012) [73]			•		•				•			·	•				•			•					•				•	•		•				•			•	•			•					•
Baysari et al. (2014) [78]		•	·		•					•		·	•				•				•					•			•	•		•					•		•	•			•					•
Baysari et al. (2017) [92]			•		•					•		·	•			•				•				•					_	•		•		•					•	•			•					•
Baysari et al. (2018) [61]		•	·	·	•				•			·	•			•				•				•				•	,		•			•					•	•			•					•
Botta & Cutler			•		•					•		•	•			•				•					•				•	•		•					•		•	•			•					•

								A	pro	ach	and	de	sign													ı	Data	col	lectio	on								D	ata	ana	lysis	and	l fin	ding	gs				Oth	er
Paper	re	rob	lem a rch q clear	resea and/ uest ly lefin	or ion	clear of obj	r sta the and jecti	aims	ent s	qı me	. Wa alita hod ropr	tive olog	y	esea appr add aim	opri	desig ate to the the	st	recru	oling uitm gy c ned	and nent learly and	mo y co	6. W etho ollect desc	d of o	data vell	te	Wer chniq enha stwor use	ues t ince rthine	0	rela be resea par ade	etwo etwo rcho rticip bee equa	the nship een ers an pants en ately ered?	nd c). Hav issue take	s bee	en o	anal proc	0. Wa ysis/ii ess w and j	nterp ell de	reta escri	tion	clea	Was ar sta f find	tem	ent	ana fi			co	3. Was conflic interc eport	t of est
	Yes	:	Partially	No No	Undear	Yes	Partially	No	Undear	Yes	Partially	o N	Undear	Yes	Partially	No	30%	Partially	· ·	NO Hoclear	Yes	Partially	N	Unclear	Yes	Partially	No	Unclear	Yes	Partially	No	Onciear	res Partially	Q	Unclear	Yes	Partially	2	9	Unclear	Yes	Partially	No	Unclear	Х	Partially	No	30/	Yes	No
(2014) [54]																																																		
Burgin et al. (2012) [98]	•					•				•				•			•	•			•						•				•		•			•					•				•					•
Burgin et al. (2014) [97]				•		•				•				•			•	•			•						•		•				•			•					•				•		,		,	•
Campbell et al. (2007) [90]	•							•		•				•			•	•				•					•				•				•		•				•				•					•
Campbell et al. (2009) [85]			•	•			•	•		•				•					•	•		•				•		•			•		•	•		•	•	•			•				•					•
Carpente r & Gorman (2001) [83]	•							•		•						•	,			•	,		•					•			•				•				•		•				•					•
Chow et al. (2015) [106]				•		•					•			•					•	•	•	,				•				•			•					•	•			•			,	•				•
Cornford et al.				•		•				•				•					•	•			•				•				•			•				•	•		•						•	,		•

								Арр	oroa	ch	and	de	sigr	1													Dat	a co	llect	ion									Data	a ana	alysi	s an	d fi	ndin	gs				Oth	er
Paper	re:	robl sear	em a ch qu learl	eseard nd/or estion / efined	ch n	lear of t a obje	stat he a nd/	nere a emer nims or es of arch?	nt I	qu net	Wa alita hodo ropr	tive	у	resea appr ado ain	opria	designate to the the the	s'	5. V samp recri trate defii jus	ling uitm gy c ned	and ent learl and	m co	etho	as the door of the	data well	te	stwo	ques ance	to	rese pa	betw earch artici bee dequ	nship een ers ar pants	nd		es be en in	en to	anal prod		intei vell	preta descr	ation ribed	cle	ar st		ere a ment gs?	an:	alysi indi	e the is and ngs ble?	(3. Wa conflic inter report	est
	Yes	1		0	Ondear	Yes	Yarially	No rederi	Oliceal	<u> </u>	Partially	ON N	Undear	Yes	Partially	NO respon	5000	res Partially		Unclear	Yes	Partially	OZ	Unclear	Yes	Partially	ON.	Unclear	Yes	Partially	ο . :	Unclear	Yes	No No	Unclear	Yes	Partially	•	N _O	Unclear	Yes	Partially	9	Unclear	Yes	Partially	ON	Onciear	Yes	No
(2010) [46]										•																•							-																	
Cresswell et al. (2013a) [44]		·	•	•		•	•			,	•	•		•		·	•	•			•			•			•				•		•			•	•	·			•			•	•		·		·	•
Cresswell et al. (2013b) [45]		•	•	•		•	-	·	•	•	•			•	·	·	•	•			•	,				•	•				•		•	·		•					•				•		·			•
Cresswell et al. (2014) [9]	•					•	•		•	•				•			•	•			•	,		•	•		-				,	•	•		_	•	•				•	_			•					•
Cresswell et al. (2016a) [109]		•	•			•			•	•				•			•	•			•				•					•			•			•		-			•			-	•					•
Cresswell et al. (2016b) [62]		•	•		,	•			•	•				•			•	•			•				•					•		,	•			•					•				•					•
Cresswell et al. (2017a) [23]			•	•		•			•	•				•			•	•			•	,						•			•		•			•					•				•					•
Cresswell et al. (2017b) [22]			•	•		•				•				•			•	•			•				•						•		•			•					•				•					•

						A	ppro	ach	and	de	ign												Da	ita co	llecti	on								Dat	a ana	alysi	s and	fin	ding	s			o	ther	
Paper	resea	s the rolem a orch qu clearl ted/de	nd/or uestio Y	r n	2. Was lear st of th an objec the re	atem e ain d/or tives	nent ns of	qı me	. Wa Ialita thodo Propr	tive olog	,	esear appro addr aims	priat	sign e to he he	sam reci strate def	pling ruitr	the g and nent clearly and ed?	met col	thod lectio	of da of we on we ibed?	eta ell	tech er rustv	Vere anique of the control of the co	es to ce iiness	rel b resea pa ad	lation etwo archo rticip bee lequa	ers an	d i	issues taken		an pr	alysi: oces:	s/inte s wel	the da erpret I desc tified?	ation ribed	cle	. Was ar sta of find	tem	ent	ana fi	Are lysis nding	and gs	con in	Was any offlict of terest ported?	
	Yes	Partially	o N	Undear	Yes Partially	No	Undear	Yes	Partially	No	Undear	yes Partially	N N	Undear	Yes	Partially	No Unclear	Yes	Partially	No	Unclear	Yes	Partially	Unclear	Yes	Partially	No Unclear	Yes	Partially	No	Nev V	3	Partially	No	Unclear	Yes	Partially	N _o	Unclear	Yes	Partially	Unclear	Yes	N	
Cresswell et al (2017c) [59]			•		•			•				•			•			•						•			•	•			•)				•				•				•	
Davidson & Chismar (2007) [47]			•	,	•			•			(•			•		·	•						•		•			_	•	•	,			•	•	-			•		•		•	
Debono et al. (2017) [88]			•		•			•			,	•			•			•				•		<u> </u>			•	•	'		•	,	•			•	•			•		•		•	
Dixon- Woods et al. (2013) [20]	•		<u> </u>		•			•			•	•			•			•				•		<u> </u>			•	•	· · ·		•)	•			•	•			•		•		•	
Dykstra (2002) [101]			•		•			•	,		•	•					•			•		,	•	•			•			•		,	•				•			•	•			•	
Garfield et al (2016) [100]	•				•			•			,	•			•			•			,	•			•			•	,		•	,				•				•				•	
Griffon et al. (2017) [60]		•			•				•		(•			•			•			,	•					•		•				•			•				•	•			•	
Hardie et al. (2017) [56]			•		•			•			,	•			•	•			•		•	•					•		•				•			•				•				•	

		Appr	oach and desig	n			Data co	llection	Data analysis and	findings	Other
Paper	Was the research problem and/or research question clearly reported/defined?	2. Was there a clear statement of the aims and/or objectives of the research?	3. Was a qualitative methodology appropriate?	4. Was the research design appropriate to address the aims of the research?	5. Was the sampling and recruitment strategy clearly defined and justified?	6. Was the method of data collection well described?	7. Were any techniques to enhance trustworthiness used?	8. Has the relationship between researchers and participants been adequately considered? 9. Have ethical issues been taken into consideration?	analysis/interpretation	there a tement lings? 12. Are the analysis and findings credible?	13. Was any conflict of interest reported?
	Yes Partially No Undear	Yes Partially No Undear	Yes Partially No Undear	Yes Partially No Undear	Yes Partially No Unclear	Yes Partially No Unclear	Yes Partially No Unclear	Yes Partially No Unclear Yes Partially No	Yes Partially No Unclear Yes Partially	No Unclear Yes Partially No Unclear	Yes No
Hawkins et al. (2017) [71]	•	•	•	•	•	•	•	•	•	•	•
Holden (2010) [82]	•	•	•	•	•	•	•	•	•	•	•
Holden (2011) [69]	•	•	•	•	•	•	•	•	•	•	•
Jeon et al. (2014) [49]	•	•	•	•	•	•	•	•	•	•	•
Johnson et al. (2006) [96]	•	•	•	•	•	•	•	•	• •	•	•
Jung et al. (2013) [79]	•	•	•	•	•	•	•	•	•	•	•
Malato & Kim (2004) [41]	•	•	•	•	•	•	•	•	•	•	•

		Appr	oach and desig	n			Data co	llection	Data analys	sis and findings	Other
Paper	Was the research problem and/or research question clearly reported/defined?	2. Was there a clear statement of the aims and/or objectives of the research?	3. Was a qualitative methodology appropriate?	4. Was the research design appropriate to address the aims of the research?	5. Was the sampling and recruitment strategy clearly defined and justified?	6. Was the method of data collection well described?	7. Were any techniques to enhance trustworthiness used?	8. Has the relationship between researchers and participants been adequately considered? 9. Have ethical issues been consideration?	nrocess well described	11. Was there a clear statement of findings? 12. Are the analysis and findings credible?	13. Was any conflict of interest reported?
	Yes Partially No Undear	Yes Partially No Undear	Yes Partially No Undear	Yes Partially No Undear	Yes Partially No Unclear	Yes Partially No Unclear	Yes Partially No Unclear	Yes Partially No Unclear Yes Partially No Unclear	Yes Partially No Unclear	Yes Partially No Unclear Yes Partially No	Yes No
McMulle n et al. (2015) [70]	•	•	•	•	•	•	•	•	•	•	•
Mills et al. (2017) [65]	•	•	•	•	•	•	•	•	•	• •	•
Mozaffar et al. (2016a) [21]	•	•	•	•	•	•	•	•	•	• •	•
Mozaffar et al. (2016b) [64]	•	•	•	•	•	•	•	•	•	•	•
Mozaffar et al. (2017) [14]	•	•	•	•	•	•	•	•	•	•	•
Niazkhani et al. (2008) [102]	•	•	•	•	•	•	•	•	•	• •	•
Niazkhani et al. (2010a) [94]	•	•	•	•	•	•	•	•	•	•	•
Niazkhani et al. (2010b) [103]	•	•	•	•	•	•	•	•	•	•	•

									Арр	road	h ar	nd d	esig	'n													Data	col	lectio	n								Da	ata	analy	ysis	and	finc	ling	s			c	ther	
Paper	re	prol esea	blen arch clea	and que arly	searc d/or stion ined?	n cl	ear s of th ar object	tate ne ai nd/o		t m	3. V quali netho ppro	tativ	e ogy	rese app ad aii	arch opri dres:	the designate to s the f the ch?	,	5. W samp recru trateg defir just	ling uitm gy c ned	and ent learly and	me co	6. Wethod	d of c	data vell	ted	hniq enha	rthine	0	rela be resear part I ade	tion twe rche ticip beer qua	ers and	d	. Have issues taker onside	beer into	n	analy proc	sis/ir ess w	s the contemporal sterproperties	etat scrib	ion	clea	Was i r stat find	teme	ent	anal fir	Are lysis ndin edibl	and gs	cor in	Was a offict of terest ported	of t
	Yes	5	Partially	No	Undear	5000	Partially	Q Z	Undear	Yes	Partially	No	Undear	Yes	Partially	No	Oliceal	Yes Partially	Ž	Unclear	Yes	Partially	N	Unclear	Yes	Partially	N N	Unclear	Yes	Partially	No Unclear	Yes	Partially	8	Unclear	Yes	Partially	S		Unclear	Yes	Partially	No V	Unclear	Yes	rattiany	Unclear	Yes	Ž	281
Niazkhani et al. (2011) [84]			•			•	•			•					•			•	1		•				•				•	•					•	•					•				•				•	,
Nies & Pelayo (2010) [87]			•			•	•			•						•			•	•		•					•			(•				•			•				•				•	•	•		
O'Grady et al. (2006) [72]				•		•				•				•				•	1			•		-			•				•		•					•				•			•	•			•	,
Omar et al. (2017) [75]				•			•	,		•				•					•	•			•					•		•	•			•				•			•				•	•			•	,
Pelayo et al. (2010) [99]	•	•				•)	-	-		•			•				•	1	-		•				•	•			(•				•			•			•	•			•	•			•	,
Pirnejad et al. (2008) [104]	•	•				•	•				•			•					•	•	•				•					•	•		•				•				•				•			•		
Pirnejad et al. (2009) [74]	•	•					,			•			_	•			•	•			•				•					•	•		•			•					•				•				•	,
Pirnejad et al. (2011) [50]	•	•					•	,		•				•				•	1			•						•		•	•			•			•				•				•	•			•	,

					Ар	proa	ich a	and	desi	gn												Da	ta co	llect	ion							I	Data	anal	lysis	and	finc	ding	s			(Other	
Paper	research	n and/or question arly	ch c	2. Was lear sta of the and object the res	ateme e aims d/or tives o	nt f			ive logy	rese app ac ai	arch ropr Idres	the design late to s the f the rch?	n s	5. W ampl recru rateg defin justi	ing a itme y cle ed a	and ent early ind	met coll	hod ectio	s the of da on we bed?	ta	techi en rustw	lere a nique nhanc vorth used?	s to e iness	re l rese pa	betw earch artici bee dequ	nship een ers and pants	d is	ssues taken		ana pro	lysis/ cess v	as the interp well d justifi	oreta escr	tion	clea	. Was t ar stat	teme	ent	ana fi	Are lysis ndin edib	and gs	co ir	Was and on the contract of the	f
	Yes Partially	No respect	Ondear	yes Partially	S .	Undear	res Partially	No.	Undear	Yes	Partially	No	Yes	Partially	No	Unclear	Yes	Partially	<u>8</u> -	Unclear	on vileitad	No	Unclear	Yes	Partially	No Unclear	Yes	Partially	No Unclear	Yes	Partially		<u>0</u>	Unclear	Yes	Partially	8	Unclear	Yes	Partially	No Unclear	Yes	o N	
Puaar and Franklin (2018) [63]	•			•		•				•			•				•			•	•			•			•			•					•				•			•		
Redwood et al. (2013) [77]	•			•			•	•		•			•		-		•			•	•			•			•		,	•					•				•		,		•	
Riccioli et al. (2011) [68] Santucci		•	•	•			•	•		•				•		<u>.</u>		•					•		 -	•			•		-	•	•			•			•	•			•	
et al (2016) [76]	•			•		•				•			•	1			•			•	•					•	•				•)			•				•				•	
Savage et al. (2010) [89] Shemilt		•	•	•			•	•	·	•			•				-	•		•	•					•	•				•				•				•				•	
et al. (2017) [93]	•			•	-	•	•				•		•					•					•			•		•			•	,			•				•	•			•	
Simon et al. (2013) [19] Sittig et	•			•		,	•			•			•	•			•			•	•			•		•	•			•	•				•				•	<u> </u>	<u>.</u>		•	
al. (2005) [107] Tschanne	•			•			•			•				•			•	•				•	•			•	<u> </u>		•		•				•								•	$\left \right $
n et al		•																									•																	J

							ı	Appr	oacł	n and	de	ign													ı	Data	col	lectio	n								D	ata	anal	ysis	and	fin	ding	s			o	ther	
Paper	res	oble earc cl	m an h quo early	search nd/or estion fined?	n cl	ear si ear si of th an objec the re	taten ie air id/or itives	nent ms of	q me	3. Wa ualita ethod propr	tive olog	re a		ch d pria ess s of	esign te to the the	sa re stra de	. Wa mpli ecrui etegy efine	ing a itme y cle ed a	and ent early ind	met col	thod lecti	as th I of d ion w	data vell	te	chniq enha	rthine	ю.	rela be resea pari	tior twe rche ticip bee	ers and	d	issues takei onside	s bee	en o	anal pro	.0. Wa lysis/ii cess w and j	nterp ell de	retat escril	tion	clea	Was ar sta f find	tem	ent	ana f	alysi indi	e the is and ngs ble?	con	Vas a flict o terest orted	of :
	Yes	Partially	. 2	Undear	So _X	Partially	Q	Undear	Yes	Partially	o N	Undear	Partially	, Q	Undear	Yes	Partially	No	Unclear	Yes	Partially	N _O	Unclear	Yes	Partially	No	Unclear	Yes	Partially	No Unclear	γος	res Partially	N _O	Unclear	Yes	Partially	Ş	2	Unclear	Yes	Partially	N _O	Unclear	Yes	Partially	No Unclear	Yes	Š	
(2011) [67]											•			•							•	•																											٦
van der Sijs et al. (2008) [91]	•	-	-		•	,	_			•		•	'	-	-	•		-		•		•				•			•	•		•		-		•				•				•	•			•	
Wentzer et al. (2007) [86]		•	·			•			•	·		•			·			•	•		•		•				•					·		•				•		•					•	•		•	
Wong et al. (2012) [105]	•		·	·	•)	•	•	•			•			·	•				•			•	•				•		·	•	•	•		•	•				•				•	•	·		•	
Yang et al. (2012) [66]	•				•)			•			•	1			•				•						•		•)			•				•				•				•				•	
Zhou et al. (2011) [108]		•		·	•	,			•			•					•			•							•	•)			•					•	•		•					•			•	
	35	16	2	8 0	6	9 7	3	0	63	16	0	0 6	6 8	2	3	44	24	9	2	57	18	4	0	38	12	15	14	10 1	6 5	51 2	2	4 39	6	10	43	22	1	4	0	69	10	0	0	55	22	1 1	4	75	;