

AUTHOR	CRITERIA																											TOTAL	(%)
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27		
Brunner 2009a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	21	(68)	
Philippon 2010	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20	(65)	
Bardakos 2008	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	(61)	
Byrd 2000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	(61)	
Byrd 2004	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18	(58)	
Ilizaliturri 2008	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18	(58)	
Kamath 2009	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18	(58)	
Streich 2009	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18	(58)	
Brunner 2009	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17	(55)	
Burnett 2006	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17	(55)	
Gédouin 2010	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17	(55)	
Haviv 2010	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17	(55)	
Horisberger 2010	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17	(55)	
Nassif 2010	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17	(55)	
Philippon 2009	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17	(55)	
Stähelin 2008	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17	(55)	
Tzaveas 2010	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17	(55)	
Byrd 2009	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	16	(52)	
Byrd 2010	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	16	(52)	
Larson 2008	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	16	(52)	
Nepple 2009	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	16	(52)	
Philippon 2010a	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	16	(52)	
Singh 2010	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	16	(52)	
Byrd 2009	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	15	(48)	
Byrd 2003	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	15	(48)	
Freedman 2006	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	15	(48)	
Kocher 2006	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	15	(48)	
Prather 2009	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	15	(48)	
Yamamoto 2005	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	(45)	
Byrd 2009	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	13	(42)	
Byrd 2001	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	13	(42)	
Byrd 2002	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	13	(42)	
Jerosch 2006	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	13	(42)	
Potter 2005	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	13	(42)	
Philippon 2007	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	12	(39)	
Walton 2004	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	12	(39)	
Kim 2007	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	11	(35)	
Santori 2000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	11	(35)	
Boyer 2008	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	10	(32)	
Parvizi 2009	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	9	(29)	
<b>TOTAL (/40)</b>	<b>37</b>	<b>30</b>	<b>1</b>	<b>27</b>	<b>34</b>	<b>39</b>	<b>9</b>	<b>27</b>	<b>30</b>	<b>25</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>18</b>	<b>3</b>	<b>29</b>	<b>40</b>	<b>4</b>	<b>3</b>	<b>24</b>	<b>1</b>	<b>1</b>	<b>11</b>	<b>21</b>	<b>40</b>	<b>15.43</b>	<b>50%</b>
<b>AGREEMENT (<math>\kappa</math>)</b>	<b>1.0</b>	<b>0.59</b>	<b>0.91</b>	<b>0.44</b>	<b>0.40</b>	<b>0.72</b>	<b>0.96</b>	<b>0.92</b>	<b>0.74</b>	<b>0.93</b>	<b>1.0</b>	<b>0.49</b>	<b>1.0</b>	<b>0.80</b>	<b>0.81</b>	<b>0.61</b>	<b>0.87</b>	<b>0.71</b>	<b>1.0</b>	<b>0.68</b>	<b>0.51</b>	<b>0.93</b>	<b>1.0</b>	<b>0.91</b>	<b>0.43</b>	<b>0.60</b>	<b>1.0</b>	<b>0.82</b>	

**Appendix 3. Methodological quality ratings of reviewed papers, and inter-rater agreement, on the Downs and Black critical appraisal tool (N = 42).** Listed in descending order of quality rating. Dark grey shading represents a score of “yes”; light grey “unable to determine”; white “no”. Criterion #27 is scored out of 5 (see Appendix 2), dark grey represents a score > 0.