

Table 1: English thesaurus for article selection process

Intellectual giftedness	Motivation	Neural bases
superior? / high? / extreme? / exceptional? / profund? / outstanding * IQ / intelligence / (intellect?) giftedness / (cognitive) abilit? / genius / talent / g-factor	academic * learn? * motivation	structur? / function? / biological? * brain / neur? * circuit? / base? / architecture / network? / correlate? / (neuro*) marker? / substrate? / system?
superior? / high? / extreme? / exceptional? / profund? / outstanding * gifted? / precoci? / able? / genius / prodigy / talent? / intelligent	intern? / intrinsic / endogen? * motivation	dopamin? / (meso*) cortico / limbic * circuit? / base? / architecture / network? / correlate? / (neuro*) marker? / substrate? / system?
exceptional * cognitive / intellectual * development	flow / peak experience?	
child? / student? / person? / kid? / teenager? / adolescent? / individual?	drive? / vocation? / passion? / interest? / curiosity / intensity / eager / zeal? / excellence / grit	
	autotelic? / self * determinat? / drive? / orient?	