Supplemental Table 1. Cluster analysis of 40 high-frequency keywords of PCOS related articles retrieved from Web of Science Core Collection during 2000-2017

NO.	Cluster	High frequency keywords (frequency)
1	Metabolic diseases, cardiovascular diseases and PCOS	polycystic ovary syndrome (PCOS) (4109), insulin resistance (1049), obesity (606), hyperandrogenism (422), metabolic syndrome (286), metformin (503), hirsutism (224), body mass index (200), androgens (309), pregnancy (206), hyperinsulinemia (62), type 2 diabetes (241), cardiovascular disease (67), insulin sensitivity (52), polymorphism (121), depression (52), endometrium (52), inflammation (125), oxidative stress (62)
2	PCOS related hormones	adiponectin (117), leptin (102), LH (91), FSH (47), insulin (185), testosterone (268), adolescents (44)
3	Ovulation induction and infertility	ovulation induction (122), clomiphene citrate (116), anovulation (103), infertility (321), ovulation (58), ovary (161), in vitro maturation (47)
4	Ovarian reserve and fertility	progesterone (48), steroidogenesis (46), anti-mullerian hormone (173), ovarian reserve (44), in vitro fertilization (IVF) (164), follicular fluid (48), fertility (46)