Supplementary data for the article:

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Table S1

Presence of identified phenolics in 11 mulberry samples

	MA 0501P	MA 0502P	MA 0503P	MA 0504P	MA 0505P	MA 0601P	MA 0701P	MA 0801P	MA 0802P	MA 0901P	MA 0902P
3-*O*-Caffeoylquinic acid	+	+	+	+	+	+	+	+	+	+	+
Quercetin hexosylhexoside	+	+	–	+	+	+	+	+	+	+	+
Kaempferol hexoside	+	+	+	+	+	+	+	+	+	+	+
Kaempferol rhamnosylhexoside	+	+	+	–	–	–	+	+	+	+	+
Isorhamnetin hexosylhexoside	+	+	–	+	–	–	+	–	–	+	+
Kaempferol hexosylhexoside	–	–	+	–	+	+	+	+	+	+	+
Isorhamnetin hexoside	–	–	–	–	–	–	+	+	+	+	+
Methyl 3-*O*-caffeoylquinate	+	+	+	+	+	+	+	+	+	+	+
Quercetin hexosylhexoside	+	+	+	+	+	+	+	+	+	+	–
Methyl 4-*O*-caffeoylquinate	+	+	+	+	+	+	+	+	+	+	+
Methyl 5-*O*-caffeoylquinate	+	+	–	+	+	+	+	+	+	+	+
Quercetin hexoside	+	+	+	+	+	+	+	+	+	+	+
Quercetin glucouronide	+	–	+	+	+	+	+	+	+	+	–
Kaempferol glucouronide	+	+	+	+	+	+	+	+	+	+	+
Kaempferol rhamnosylhexoside	+	+	–	+	+	+	+	+	+	+	+

Vanillic acid	+	+	+	+	+	+	+	+	+	+	+
Qurcetin rhamnoside	+	+	+	+	+	+	+	+	+	+	+
Isorhamnetin glucuronide	+	–	+	+	+	+	+	+	+	+	–
Morin	–	+	–	–	–	–	+	+	+	+	–
Methyl dicaffeoylquinate	+	+	+	+	+	+	+	+	+	+	+
Quercetin	+	+	–	+	+	+	+	+	+	+	+

Table S2

Presence of anthocyanins in colored mulberry samples

Anthocyanin	MA 0502P	MA 0505P	MA 0601P	MA 0701P	MA 0902P
Cyanidin hexoside	+	–	+	–	+
Cyanidin rhamnosyl-hexoside	–	–	–	–	+
Cyanidin galloylhexoside	–	–	–	+	–
Petunidin rhamnosylhexoside	–	+	–	–	–
Cyanidin hexoside	+	+	+	+	+
Cyanidin rhamnosylhexoside	+	+	+	+	+
Pelargonidin hexoside	+	+	+	+	+
Pelargonidin rhamnosylhexoside	+	+	+	+	+
Cyanidin pentoside	–	+	–	+	+
Cyanidin hexosylhexoside	–	–	–	–	+
Delphinidin rhamnosylhexoside	+	+	+	+	+
Delphinidin hexoside	+	+	+	+	–
Delphinidin hexoside	–	+	+	+	–
Delphinidin acetylhexoside	+	+	–	+	+

Table S3

Relationship between TPC and antioxidant activity

	TPC	DPPH-SA	MCA	RP	SAS
TPC	1				
DPPH-SA	0.058	1			
MCA	0.650	-0.646	1		
RP	**0.838**	-0.261	0.730	1	
SAS	**0.933**	-0.010	0.641	0.833	1

Table S4

Relationship between content of individual polyphenols and antioxidant activity

Phenolic compounds	DPPH-SA	MCA	RP	SAS
Gallic acid	-0.001	0.171	0.711	0.602
Protocatechuic acid	-0.122	**0.671**	**0.837**	**0.943**
Gallocatechin	0.181	-0.454	-0.313	-0.442
Aesculin	-0.506	0.498	0.264	0.145
Epigallocatechin	-0.482	**0.839**	**0.860**	**0.799**
***p*-Hydroxybenzoic acid**	-0.370	0.506	0.484	0.602
Gentisic acid	0.225	0.482	0.365	0.558
Chlorogenic acid	-0.129	0.660	0.268	0.538
Caffeic acid	-0.146	0.691	0.394	0.663
Gallocatechin gallate	-0.163	0.689	0.332	0.498
Rutin	-0.108	0.726	0.558	0.781
***p*-Coumaric acid**	-0.058	0.447	0.663	0.642
Ellagic acid	-0.527	0.700	0.634	0.628
Ferulic acid	-0.266	**0.736**	**0.884**	**0.915**
Naringin	-0.721	0.664	0.250	0.353
Epigallocatechin gallate	-0.292	**0.752**	**0.708**	**0.728**