

Supporting Information

High second-order nonlinear response of platinum nanoflowers: the role of surface corrugation

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Table S1 The recalculated β and β' values inferred from data by Galletto et al.¹⁵ in AuNSs using their reported β values per nanoparticle corrected (i) from correct β_{H2O} values (0.055 instead of 0.56×10^{-30} esu)¹¹ and (ii) using Eq. 2.

Gold colloid	Diameter (nm)	β per particle (β) ($\times 10^{-26}$ esu)	β per Au atom (β') ($\times 10^{-30}$ esu)	Surface area (nm ²)
a	4.9	0.6	100	80
b	8.6	2.0	143	230
c	19.0	13.1	286	1130
d	22.0	16.6	291	1520