Supplemental Information

Materials design of vertically coupled plasmonic arrays

Goekalp Engin Akinoglu[1,2,*], Eser Metin Akinoglu[3], Krzysztof Kempa[4], James Andell Hutchison[1,*]

[1]*School of Chemistry, University of Melbourne, Parkville, Victoria, 3010, Australia*

[2]*Advanced Materials & BioEngineering Research Centre (AMBER), The School of Chemistry, Trinity College Dublin, The University of Dublin, Dublin 2, Ireland*

[3]*International Academy of Optoelectronics at Zhaoqing, South China Normal University, Zhaoqing, 526238 Guangdong, China*

[4]*Boston College, Department of Physics, Chestnut Hill, MA 02467, USA*

E-mail: engina@zedat.fu-berlin.de, james.hutchison@unimelb.edu.au

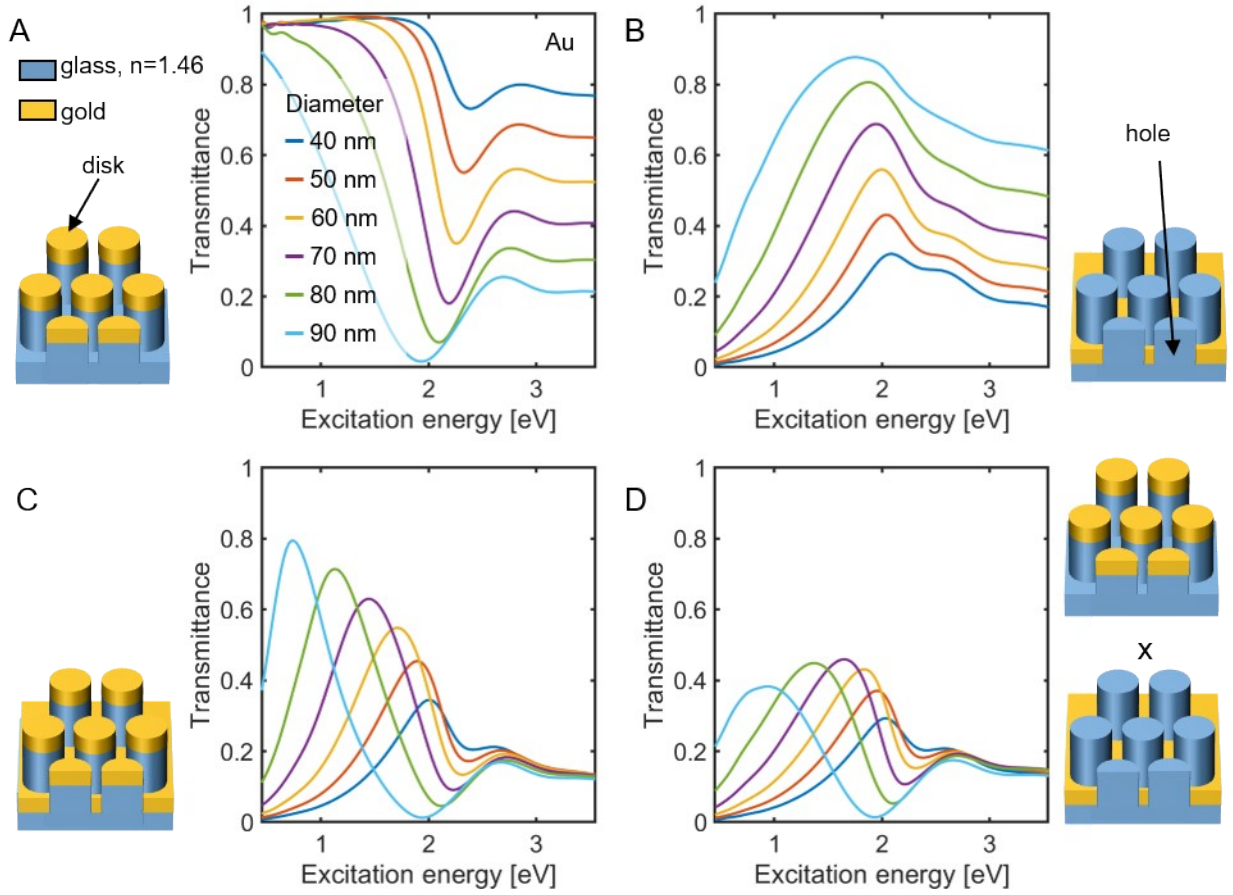

Figure S1. Respective figures in Fig. 1 of the manuscript in eV instead of wavelength.

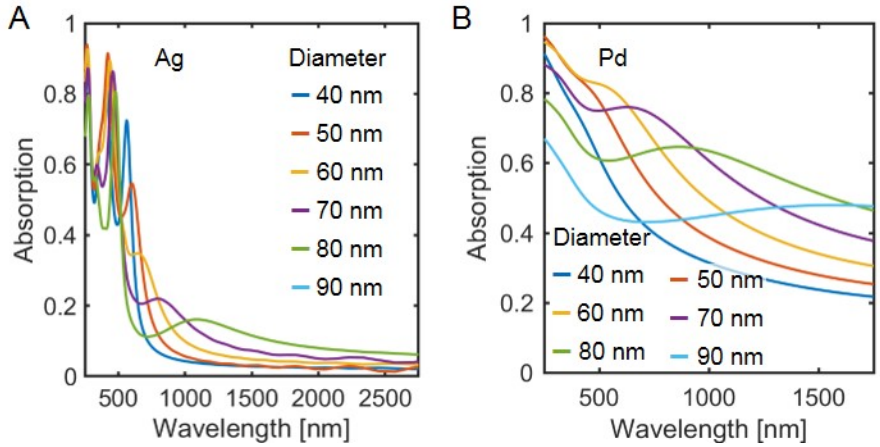

Figure S2. FDTD absorption spectra of VCPAs made with different metal films (all 40 nm thick), with varying pillar diameter, fixed pillar height = 45 nm and fixed array pitch = 100 nm. (A) Ag and (B) Pd.