

Di Paola M, Quarta A, Conversano F, Sbenaglia EA, Bettini S, Valli L, Gigli G, Casciaro S. Human Hepatocarcinoma Cell Targeting by Glypican-3 Ligand Peptide Functionalized Silica Nanoparticles: Implications for Ultrasound Molecular Imaging. *Langmuir*. 2017 May 9;33(18):4490-4499.

Bettini, S., Bonfrate, V., Madaghiele, M., Salvatore, L., Syrgiannis, Z., Giancane, G., Valli, L. On-Demand Release of Hydrosoluble Drugs from a Paramagnetic Porous Collagen-Based Scaffold (2017) *Chemistry - A European Journal*, 23 (6), pp. 1338-1345.

Giancane, G; Bettini, S; Pagano, R; Valli, L. ZnO-Porphyrin Composite Nanostructures as Discriminating Adducts for Metallic Ions in Aqueous Matrices (2016) *CHEMISTRYSELECT* Volume: 1 Issue: 15 4690-4695.

Bettini, S., Pagano, R., Valli, L., Giancane, G. Enhancement of Open Circuit Voltage of a ZnO-Based Dye-Sensitized Solar Cell by Means of Piezotronic Effect (2016) *Chemistry - An Asian Journal*, 11 (8), pp. 1240-1245.

Bettini, S., Bonfrate, V., Syrgiannis, Z., Sannino, A., Salvatore, L., Madaghiele, M., Valli, L., Giancane, G. Biocompatible Collagen Paramagnetic Scaffold for Controlled Drug Release (2015) *Biomacromolecules*, 16 (9), pp. 2599-2608.

Gazzera, L., Corti, C., Pirrie, L., Paananen, A., Monfredini, A., Cavallo, G., Bettini, S., Giancane, G., Valli, L., Linder, M.B., Resnati, G., Milani, R., Metrangolo, P. Hydrophobin as a Nanolayer Primer That Enables the Fluorinated Coating of Poorly Reactive Polymer Surfaces (2015) *Advanced Materials Interfaces*, 2 (14), art. no. 1500170 .

Bettini, S., Pagano, R., Bonfrate, V., Maglie, E., Manno, D., Serra, A., Valli, L., Giancane, G. Promising Piezoelectric Properties of New ZnO@Octadecylamine Adduct (2015) *Journal of Physical Chemistry C*, 119 (34), pp. 20143-20149.

Bettini, S., Santino, A., Valli, L., Giancane, G. A smart method for the fast and low-cost removal of biogenic amines from beverages by means of iron oxide nanoparticles (2015) *RSC Advances*, 5 (23), pp. 18167-18171.

Bettini, S., Maglie, E., Pagano, R., Borovkov, V., Inoue, Y., Valli, L., Giancane, G. Conformational switching of ethano-bridged Cu, H₂-bis-porphyrin induced by aromatic amines (2015) *Beilstein Journal of Nanotechnology*, 6 (1), pp. 2154-2160

Bettini, S., Santino, A., Giancane, G., Valli, L. Reconstituted oil bodies characterization at the air/water and at the air/oil/water interfaces (2014) *Colloids and Surfaces B: Biointerfaces*, 122, pp. 12-18.

Bettini, S., Pagano, R., Valli, L., Giancane, G. Drastic nickel ion removal from aqueous solution by curcumin-capped Ag nanoparticles (2014) *Nanoscale*, 6 (17), pp. 10113-10117.

Giancane, G., Bettini, S., Pagano, R., Operamolla, A., Omar, O.H., Babudri, F., Farinola, G.M., Valli, L.

Discrimination of mercuric ions in piezoelectric sensors with a conjugated polymeric active layer (2014) *Journal of Nanoscience and Nanotechnology*, 14 (9), pp. 6732-6737.

Bettini, S., Pagano, R., Valli, L., Giancane, G.

Spectroscopic investigation of the selective interaction of mercuric and cupric ions with a porphyrin active layer (2014) *Journal of Physical Chemistry C*, 118 (23), pp. 12384-12390.

Cavalcanti, E., Vadrucchi, E., Delvecchio, F.R., Addabbo, F., Bettini, S., Liou, R., Monsurrò, V., Huang, A.Y.-C., Pizarro, T.T., Santino, A., Chieppa, M.

Administration of reconstituted polyphenol oil bodies efficiently suppresses dendritic cell inflammatory pathways and acute intestinal inflammation

(2014) *PLoS ONE*, 9 (2), art. no. e88898, . <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84895895474&>

Vergara, D., Simeone, P., Bettini, S., Tinelli, A., Valli, L., Storelli, C., Leo, S., Santino, A., Maffia, M.

Antitumor activity of the dietary diterpene carnosol against a panel of human cancer cell lines

(2014) *Food and Function*, 5 (6), pp. 1261-1269.

Dodia, R., Maréchal, A., Bettini, S., Iwaki, M., Rich, P.R.

IR signatures of the metal centres of bovine cytochrome c oxidase: Assignments and redox-linkage (2013) *Biochemical Society Transactions*, 41 (5), pp. 1242-1248.

Bettini, S., Vergara, D., Bonsegna, S., Giotta, L., Toto, C., Chieppa, M., Maffia, M., Giovinazzo, G., Valli, L., Santino, A.

Efficient stabilization of natural curcuminoids mediated by oil body encapsulation (2013) *RSC Advances*, 3 (16), pp. 5422-5429.

Bettini, S., Valli, L., Santino, A., Martinelli, C., Farinola, G.M., Cardone, A., Sgobba, V., Giancane, G.

Spectroscopic investigations, characterization and chemical sensor application of composite Langmuir-Schäfer films of anthocyanins and oligophenylenevinylene derivatives (2012) *Dyes and Pigments*, 94 (1), pp. 156-162.

Bonsegna, S., Bettini, S., Pagano, R., Zacheo, A., Vergaro, V., Giovinazzo, G., Caminati, G., Leporatti, S., Valli, L., Santino, A.

Plant oil bodies: Novel carriers to deliver lipophilic molecules (2011) *Applied*

Biochemistry and Biotechnology, 163 (6), pp. 792-802.

Giancane, G., Bettini, S., Valli, L.

State of art in the preparation, characterisation and applications of Langmuir-Blodgett films of carbon nanotubes

(2010) *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, 354 (1-3), pp. 81-90.

Vittorino, E., Giancane, G., Bettini, S., Valli, L., Sortino, S.

Bichromophoric multilayer films for the light-controlled generation of nitric oxide and singlet oxygen (2009) *Journal of Materials Chemistry*, 19 (43), pp. 8253-8258.