

List of publications at June 11, 2018 (Scopus source)

1. Giordano, G., Durante, C., Gennaro, A., Guglielmi, M., Electrochemical 3D-growth of amorphous silica gel, (2017) *Journal of Electroanalytical Chemistry*, 784, pp. 153-158.
2. Guglielmi, M., Maddalena, A., Principi, G., MOESSBAUER INVESTIGATION ON SiO₂-Fe₂O₃ GLASSES OBTAINED FROM GEL., (2017) *Journal of Materials Science Letters*, pp. 467-470.
3. Sturaro, M., Della Gaspera, E., Michieli, N., Cantalini, C., Emamjomeh, S.M., Guglielmi, M., Martucci, A., Degenerately Doped Metal Oxide Nanocrystals as Plasmonic and Chemoresistive Gas Sensors, (2016) *ACS Applied Materials and Interfaces*, 8 (44), pp. 30440-30448.
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5. Giordano, G., Durante, C., Gennaro, A., Guglielmi, M., Electrochemical deposition of silica sol-gel films on stainless steel: preliminary analysis of key variables, (2015) *Journal of Sol-Gel Science and Technology*, 76 (2), pp. 233-240.
6. Della Gaspera, E., Guglielmi, M., Martucci, A., Sol-Gel for Gas Sensing Applications, (2015) *The Sol-Gel Handbook*, 3-3, pp. 1173-1206.
7. Cittadini, M., Sturaro, M., Guglielmi, M., Resmini, A., Tredici, I.G., Anselmi-Tamburini, U., Koshy, P., Sorrell, C.C., Martucci, A., ZnO nanorods grown on ZnO sol-gel seed films: Characteristics and optical gas-sensing properties, (2015) *Sensors and Actuators, B: Chemical*, 213, pp. 493-500.
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12. Lanza, R., Bersani, M., Conte, L., Martucci, A., Canu, P., Guglielmi, M., Mattei, G., Bello, V., Centazzo, M., Rosei, R., Effect of crystalline phase and composition on the catalytic properties of PdSn bimetallic nanoparticles in the PROX reaction, (2014) *Journal of Physical Chemistry C*, 118 (44), pp. 25392-25402.
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16. Brigo, L., Cittadini, M., Artiglia, L., Rizzi, G.A., Granozzi, G., Guglielmi, M., Martucci, A., Brusatin, G., Xylene sensing properties of aryl-bridged polysilsesquioxane thin films coupled to gold nanoparticles, (2013) *Journal of Materials Chemistry C*, 1 (27), pp. 4252-4260.
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