

2019

- Sissa C., Painelli A., Terenziani F., Trotta M., Ragni R., About the origin of the large Stokes shift in aminoalkyl substituted heptamethine cyanine dyes, *Physical Chemistry Chemical Physics*, **2019**, 22, 1, 129, 135, [10.1039/c9cp05473a](https://doi.org/10.1039/c9cp05473a)
- Gasparello J., Lomazzi M., Papi C., D'Aversa E., Sansone F., Casnati A., Donofrio G., Gambari R., Finotti A., Efficient Delivery of MicroRNA and AntimiRNA Molecules Using an Argininocalix[4]arene Macrocycle, *Molecular Therapy - Nucleic Acids*, **2019**, 18, 748, 763, [10.1016/j.omtn.2019.09.029](https://doi.org/10.1016/j.omtn.2019.09.029)
- Cecchini C., Lanzi M., Cera G., Malacria M., Maestri G., Complementary Reactivity of 1,6-Enynes with All-Metal Aromatic Trinuclear Complexes and Carboxylic Acids, *Synthesis (Germany)*, **2019**, 51, 5, 1216, 1224, [10.1055/s-0037-1611653](https://doi.org/10.1055/s-0037-1611653)
- Bisceglie F., Orsoni N., Pioli M., Bonati B., Tarasconi P., Rivetti C., Amidani D., Montalbano S., Buschini A., Pelosi G., Cytotoxic activity of copper(ii), nickel(ii) and platinum(ii) thiosemicarbazone derivatives: Interaction with DNA and the H2A histone peptide, *Metallomics*, **2019**, 11, 10, 1729, 1742, [10.1039/c9mt00166b](https://doi.org/10.1039/c9mt00166b)
- Campioli E., Sanyal S., Marcelli A., Di Donato M., Blanchard-Desce M., Mongin O., Painelli A., Terenziani F., Addressing Charge-Transfer and Locally-Excited States in a Twisted Biphenyl Push-Pull Chromophore, *ChemPhysChem*, **2019**, 20, 21, 2860, 2873, [10.1002/cphc.201900703](https://doi.org/10.1002/cphc.201900703)
- Cecchini C., Cera G., Lanzi M., Marchiò L., Malacria M., Maestri G., Diastereoselective bicyclization of enynols: Via gold catalysis, *Organic Chemistry Frontiers*, **2019**, 6, 20, 3584, 3588, [10.1039/c9qo00963a](https://doi.org/10.1039/c9qo00963a)
- Tellers J., Pinalli R., Soliman M., Vachon J., Dalcanale E., Reprocessable vinyllogous urethane cross-linked polyethylene: Via reactive extrusion, *Polymer Chemistry*, **2019**, 10, 40, 5534, 5542, [10.1039/c9py01194c](https://doi.org/10.1039/c9py01194c)
- Lanzi M., Santacroce V., Balestri D., Marchiò L., Bigi F., Maggi R., Malacria M., Maestri G., Visible-Light-Promoted Polycyclizations of Dienynes, *Angewandte Chemie - International Edition*, **2019**, 58, 20, 6703, 6707, [10.1002/anie.201902837](https://doi.org/10.1002/anie.201902837)
- Bardi B., Tosi I., Faroldi F., Baldini L., Sansone F., Sissa C., Terenziani F., A calixarene-based fluorescent ratiometric temperature probe, *Chemical Communications*, **2019**, 55, 56, 8098, 8101, [10.1039/c9cc04577e](https://doi.org/10.1039/c9cc04577e)
- Cera G., Della Ca N., Maestri G., Palladium(0)/benzoic acid catalysis merges sequences with D2O-promoted labelling of C-H bonds, *Chemical Science*, **2019**, 10, 44, 10297, 10304, [10.1039/c9sc03682b](https://doi.org/10.1039/c9sc03682b)
- Guagnini F., Pedrini A., Swager T.M., Massera C., Dalcanale E., Solvent-responsive cavitand lanthanum complex, *Dalton Transactions*, **2019**, 48, 36, 13732, 13739, [10.1039/c9dt03199e](https://doi.org/10.1039/c9dt03199e)
- Bardi B., Krzeszewski M., Gryko D.T., Painelli A., Terenziani F., Excited-State Symmetry Breaking in an Aza-Nanographene Dye, *Chemistry - A European Journal*, **2019**, 25, 61, 13930, 13938, [10.1002/chem.201902554](https://doi.org/10.1002/chem.201902554)
- Weßling P., Trumm M., Macerata E., Ossola A., Mossini E., Gullo M.C., Arduini A., Casnati A., Mariani M., Adam C., Geist A., Panak P.J., Activation of the Aromatic Core of 3,3'-(Pyridine-2,6-diyl)bis(1 H-1,2,3-triazole-4,1-diyl))bis(propan-1-ol) - Effects on Extraction Performance, Stability Constants, and Basicity, *Inorganic Chemistry*, **2019**, 58, 21, 14642, 14651, [10.1021/acs.inorgchem.9b02325](https://doi.org/10.1021/acs.inorgchem.9b02325)
- Balestri D., Mazzeo P.P., Carraro C., Demitri N., Pelagatti P., Bacchi A., Stepwise Evolution of Molecular Nanoaggregates Inside the Pores of a Highly Flexible Metal–Organic Framework, *Angewandte Chemie - International Edition*, **2019**, 58, 48, 17342, 17350, [10.1002/anie.201907621](https://doi.org/10.1002/anie.201907621)
- Mazzeo P.P., Carraro C., Monica A., Capucci D., Pelagatti P., Bianchi F., Agazzi S., Careri M., Raio A., Carta M., Menicucci F., Belli M., Michelozzi M., Bacchi A., Designing a Palette of Cocrystals Based on Essential Oil Constituents for Agricultural Applications, *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 21, 17929, 17940, [10.1021/acssuschemeng.9b04576](https://doi.org/10.1021/acssuschemeng.9b04576)

- Anzola M., Di Maiolo F., Painelli A., Optical spectra of molecular aggregates and crystals: Testing approximation schemes, *Physical Chemistry Chemical Physics*, **2019**, *21*, 36, 19816, 19824, [10.1039/c9cp03122g](https://doi.org/10.1039/c9cp03122g)
- Giuliani M., Faroldi F., Morelli L., Torre E., Lombardi G., Fallarini S., Sansone F., Compostella F., Exploring calixarene-based clusters for efficient functional presentation of *Streptococcus pneumoniae* saccharides, *Bioorganic Chemistry*, **2019**, *93*, 103305, [10.1016/j.bioorg.2019.103305](https://doi.org/10.1016/j.bioorg.2019.103305)
- Giannetti D., Castracani C., Spotti F.A., Mori A., Grasso D.A., Gall-colonizing ants and their role as plant defenders: From 'bad job' to 'useful service', *Insects*, **2019**, *10*, 11, 392, [10.3390/insects10110392](https://doi.org/10.3390/insects10110392)
- Tosi I., Bardi B., Ambrosetti M., Domenichini E., Iagatti A., Baldini L., Cappelli C., Di Donato M., Sansone F., Sissa C., Terenziani F., Investigation of electronic energy transfer in a BODIPY-decorated calix[4]arene, *Dyes and Pigments*, **2019**, *171*, 107652, [10.1016/j.dyepig.2019.107652](https://doi.org/10.1016/j.dyepig.2019.107652)
- Sardella A., Marieschi M., Mercatali I., Zanni C., Gorbi G., Torelli A., The relationship between sulfur metabolism and tolerance of hexavalent chromium in *Scenedesmus acutus* (Spheropleales): Role of ATP sulfurylase, *Aquatic Toxicology*, **2019**, *216*, 105320, [10.1016/j.aquatox.2019.105320](https://doi.org/10.1016/j.aquatox.2019.105320)