

	N.	Authors	Title
Poster session 1 - Thursday, April 4th	1	Agostino A., Labate M., Operti L., Cimino D., Tixier F. et Descatoire C.	Methodological approach in the study of multi-material artefacts by the use of portable X-ray Fluorescence Spectrometry
	2	Giacomo Ambrogio, Lorenzo Donà, Chiara Ribaldone, Filippo Spiga and Alessandro Erba	GPU Acceleration in first principle Computational Materials Science for Enhanced Efficiency and Scalability
	3	Ancora G., Morari F., Brito J. C. F. P., Marchese L., Bisio C. et Gianotti E.	Hierarchical zeolites by top-down and bottom-up approaches for a variety of applications
	4	Ascrizzi E. et Ferrari A. M.	DFT simulation of FeOx/Au heterostructures: insights and relevance as electrochemical water splitting heterogeneous catalysts
	5	S. Asgharpour, E. Gianquinto, M. Failla, F. Marchesani, B. Campanini, S. Bettati, L. Lazzarato, F. Spyrakis	SbnA as a target for the development of new antimicrobials towards Staphylococcus aureus
	6	Emma Baubiat, Sandra Olivero, Romain Melot and Véronique Michelet	An Electrochemical Study of Gold Complexes for Catalysis
	7	Palma D., Antela K., Morales A., Cervera M.L., Fabbri D., Bianco Prevot A.	Online colorimetric measurement and timely dosage of hydrogen peroxide in a photo-Fenton process
	8	Francesca Boccato, Simone Gastaldi, Magalì Giordano, Elisabetta Marini, Francesca Spyrakis, Pasquale Pagliaro, Claudia Penna and Massimo Bertinaria	Design and synthesis of INF195, a new NLRP3 Inflammasome Inhibitor with ex vivo cardioprotective effect
	9	Alix Bourhis, Jean Rodriguez and Damien Bonne	Enantioselective Synthesis of Benzopyrane Atropisomers
	10	Chiara Bruschetta, Federico Verdini, Silvia Tabasso, Emanuela Calcio Gaudino, Maela Manzoli, Giancarlo Cravotto	MW-assisted Anisole Hydrogenation over Commercial Supported Catalysts
	11	Maria Jose Calandri, Léa Charrier, Valeria Marisa Rocca, Con Robert McElroy, Alessandro Pellis	Functionalization of levoglucosenone through Michael's reaction using microwave energy
	12	D. Arnodo, F. De Nardi, S. Parisotto, E. De Nardo, S. Cananà, F. Salvatico, E. De Marchi, D. Scarpi, M. Blangetti, E.G. Occhiato, C. Prandi	Asymmetric reduction of cyclic imines by Imine Reductase enzymes in non-conventional solvents
	13	Carrea D., Piccinni M. et Colombara D.	Copper electrodeposition from a sustainable alkaline galvanic bath
	14	Castellino L., Eugenio A., Moreau M., Ruckebusch C., et Vitale R.	Application of Raman Spectroscopy for Bio-Fluid Spots Segmentation and Characterization on Cotton Supports
	15	Castiglione D., Ielo L., Baldino S., Pace V.	Lithium Carbenoid Mediated Manipulation of the Iminoisatin Scaffold: an Expeditious and Direct Access to New Highly Functionalized Indol-type Compounds
	16	Caviglia D., Russo E., Schito A.M. et Villa C.	Development of hydrogels with natural NADES-based extracts for cosmetic and pharmaceutical applications
	17	Ignacio Centeno-Vega, Maela Manzoli, Fabio Buccioli, Silvia Tabasso, Emanuela Calcio Gaudino, Giancarlo Cravotto	Microwave-assisted reductive etherification of vanillin over Pd catalysts for the production of biomass-derived surfactants
	18	Florian Rigoulet, Albert Artigas, Michel Giorgi, Yoann Coquerel	Synthesis and properties of highly contorted triphenylene-based multiple helicenes
	19	T. Crovetto, C. Barbieri, L. Moni, C. Scalisi, R. Riva, and T. J. J. Müller	Synthesis of highly conjugated fluorophores by coupling the Ugi reaction with a Pd(0)-catalyzed domino process and a final cyclo-aromatization.
	20	D'Ingiullo S., Verginelli F., Stefanucci A., Pieretti S., et Mollica A.	Novel peptides as agonist of the FPR2 for treatment of ulcerative colitis

Poster session 1 - Thursday, April 4th	21	Dematteis E. M., Mazzucco A., Sgroi M. F., Beltrame G., Palumbo M., Garelli F., Rizzi P., Baricco M.	Metal hydrides design and applications for energy
	22	A. El Halabi, T. Fiorido., A. Lyoussi. et Jc. Valmalette	Studies of Photosensitive mixed oxides Thin Films for high energy Radiation Detection
	23	Luigi Fenzi and Beniamino Sciacca	Monocrystalline nanowire transparent electrodes for photovoltaics
	24	Fornaseri F., Giorgis M., Caliandro I., Ramondetti C., Buccinà B., Pippione A. C., Lolli M.L., Boschi D.	Evaluation of enzymatic activity and physical-chemical properties of new hydroxypyrazole inhibitors of Plasmodium falciparum dihydroorotate dehydrogenase and biochemical characterization of the recombinant protein
	25	M. Fresia, A. Sanna, F. Cardano, R. Di Salvo et A. Fin	DNA detection via emissive naphthalenediimides intercalation
	26	Gambetta Vianna J., Benedetti B., Di Carro M. et Magi E.	Comparison between SPE and QuEChERS extraction of emerging contaminants in Adamussium colbecki
	27	Alberto Gasparotto, Federica Blua, Maria Concetta Granieri, Eleonora Gianquinto, Valentina Boscaro and Massimo Bertinaria	New non-sulfonylurea NLRP3 inhibitors: discovery and selection of INF200, a 1,3,4-oxadiazol-2-one-based NLRP3 inhibitor
	28	Emilie Gentilini, Vincent Davenel, Jean-Marie Fourquez and Véronique Michelet	Exploring New Chemical Space in Drug Libraries via Gold Catalysis
	29	Castellini L., Giordana A. et Cerrato G.	A sustainable approach for the synthesis of hydroxyapatite from eggshells
	30	R. Gnavi, F. De Nardi, C. Meazzo, S. Ghinato, A. Maranzana, C. Prandi et M. Blangetti	Oxidative anionic homo-fries rearrangement under bench-type aerobic conditions
	31	Gorodnichy M., Truchon A., Olivero S. and Michelet V.	Gold-Catalyzed One-Pot Cycloisomerization/Nucleophilic Addition/Rearrangement of Pyrrole Carbaldehyde Derivatives
	32	Grasso F., Orlandi V., Méndez-Paz D., Vázquez Sobrado R., Turrini F. et Boggia R.	Exploitation of the whole unsorted tuna side streams: extraction of valuable proteins within EcoeFISHent project
	33	Iebole A., Comite A., Banfi L.	Investigation on sustainable technologies for Olive Mill Wastewaters
	34	Rigoletto M., Machado de Faria B., Milardi B. et Laurenti E.	Study of influence of organic matter and inorganic ions on soybean peroxidase activity: from the lab to real applications
	35	Matthieu Jorandon, Nadia Patino, Elisabet Duñach, Mohamed Mehiri	Development of a novel catalytic methodology for the synthesis of cyclic ethers with potential anticancer applications
	36	Knauth P. and Di Vona M.L.	Hydroxide ion mobility in anion exchange ionomers
	37	Kurnosov D., Banfi L.	Biocatalytic routes for the synthesis of N-acyl amino acids
	38	Labate M., Agostino A., Operti L., Aceto M., Artoni P., Bertelli P., Bottoli M. (3) , Pojana G.(4) et Cimino D.	Looks can be deceiving: not just chalk in chalk. Analysis of the materials of Madonnari art by XRPD and ATR-FTIR
	39	Lagostina V., Iaconis P. et Paganini M. C.	Synthesis and characterization of Ti3C2 MXene heterojunctions for enhanced photocatalytic properties in hydrogen photoproduction
	40	Lauria F., Maranzana A., Blangetti M. et Prandi C.	Theoretical study of the reaction mechanism and solvent effect in the reaction between LiCH2SiMe and N-benzoylpyrrolydine
	41	Xi Liu, Dinesh Dhumal, Patricia Santofimia-Castaño, Juan Liu, Teodora-Adriana Perles-Barbacaru, Tom Roussel, Nelson Duseti, Yi Xia, Angèle Viola, Juan Lucio Iovanna, Ling Peng	Self-assembling dendrimer nanosystems effectively decrease drug affinity to hERG channel for overcoming cardiotoxicity

Poster session 2 - Friday, April 5th	42	Giacomo Lombardo, Cicely M. Warne, Sami Fadlallah, Florent Allais, Georg M. Guebitz, Orietta Monticelli, Alessandro Pellis	Chemo-enzymatic routes from levoglucosenone to sustainable terpolyesters
	43	Lusardi M., Basilico N., Parapini S., Iervasi E., Ponassi M. et Spallarossa A.	Diversity-oriented synthesis of pyrazole and pyrimidine compounds as novel antimalarial agents
	44	Maccarino L., Marchese L., Bisio C.	Hybrid materials for the adsorption removal of dyes from water
	45	Greta Camilla Magnano, Monica Argenziano, Anna Scomparin, Dritan Hasa, Dario Voinovich, Roberta Cavalli	Ibuprofen buccal films: a potential alternative for pediatric dosage forms
	46	G. Malano, V. Kannampalli, M. E. Dufond, L. Santinacci	ALD of Ternary Silicides as Efficient Catalysts for Water Photooxidation
	47	Margot Manivel, Gérard Audran, Sylvain Marque and Jean-Patrick Joly	Activated alkoxyamine conjugated nanoparticles as antibacterial agents for plants
	48	Iole Mannella, Stefano Sainas, Paola Circosta, Marta Giorgis, Marco Lucio Lolli and Donatella Boschi	Scaling up synthesis and in vivo evaluation of MEDS433: a promising preclinical candidate targeting AML
	49	Marafante M., Bertinetti S., Akintola O., Kintzel B., Plass W., Gama S., Milea D. et Berto S.	The role of 8-hydroxyquinoline-2-carboxylic acid in coordination and medicinal chemistry: case study in coordination of vanadium(IV/V)
	50	Andrea Marangon, Geo Paul, Riccardo Zaghi, Leonardo Marchese, Giorgio Gatti	Physicochemical characterization of chitin extracted from Black Soldier Fly Larvae at different growth stages
	51	C. Martini, A. Basso, C. Lambruschini, O. Ghashghaei, R. Lavilla	The synthesis of novel organic fluorophores using new isocyanides in the GBB three-component reaction
	52	Martino E., Sainas S., a Vigato C., Alberti M., Giorgis M. Circosta, P., Boschi D., Lolli M. L.	Exploring the central core of MEDS433: A Bioisosteric Journey through the Enigmatic Role of the Amide moiety
	53	Adrián Matencio, Daniel Mihai Bisericar, Irene Conesa, Sara Er-Rahmani, Alberto Rubin Pedrazzo, José Manuel López-Nicolás and Francesco Trotta	Optimization of Progesterone Encapsulation Using Ball-Milling Kneading with β -Cyclodextrin and Nanosponges: Characterization, Release Profile, and Biological Activity Evaluation
	54	Carolina Meazzo, Marco Blangetti et Cristina Prandi	Synthesis of chiral amines by a chemoenzymatic one-pot tandem protocol
	55	Miele M., Pace V.	Difluoromethyltrimethylsilane (TMSCHF ₂): a valuable and versatile donor of CHF ₂ moiety under nucleophilic regime
	56	D. Mitoli, J. Maul et A. Erba	First-Principles Anharmonic IR and Raman Spectra of Materials: Fermi Resonance in Dry Ice
	57	Mkrtchian E, Pagliero M., Slimani S., Peddis D., Comite A.	Highly Active Ni/Al ₂ O ₃ based catalysts for RWGS reaction
	58	Chiara Molinar, Greta C. Magnano, Chiara Bastiancich, Anna Scomparin, Roberta Cavalli	An in situ thermogelling injectable formulation for Glioblastoma treatment
	59	Abdelati Naghim, Gaëlle Chouraqui, Olivier Chuzel, and Damien Bonne	Stereocontrol of N-Linked Non-Biaryl Atropisomers
60	Abdoulaye Ndiaye, Mouhamadou Fofana, Arthur Gaucherand, Jean Rodriguez and Damien Bonne	Enantioselective Synthesis of Benzothiophenes Atropisomers	
61	Negro P., Cesano F. and Scarano D.	In-depth analysis on the structure/properties relationship of g-C ₃ N ₄ based nanoarchitectures	
62	Nousia M. E., Scaglione F., Pavan C., Turci F., Rizzi P.	Design of metallic materials for biocompatible applications	
63	A. Nucera, M.L. Macchia, F. Carniato, L. Tei, M. Ravera and M. Botta	Synthesis and relaxometric characterization of Fe(III) complexes and their supramolecular adduct	

Poster session 2 - Friday, April 5th	64	Stefano Pantaleone, Marta Corno, Albert Rimola, Nadia Balucani et Piero Ugliengo	Water reactivity on Schreibersite: a reservoir for prebiotic living phosphorus
	65	Andrei Paraschiv, Katia Martina and Giancarlo Cravotto	Additive free microwave assisted direct C-H amination of benzoxazole by supported copper(I) catalyst
	66	Pasquini L.	ION conducting Materials for Electrochemical Energy Technologies (ION-MEET)
	67	Pastorino A., Marcello P., Bruni G., Comite A.	Study on pyrolysis kinetics of a commercial polymeric waste mix
	68	Sciscenko Ivàn, Pellegrino Simone and Minella Marco	Innovative carbon nitride material for CEC removal
	69	Jacopo Pizzorno, Francesco Gambuti et Lisa Moni	Synthesis of spiroindolenines through a one-pot multistep process mediated by visible light
	70	Emanuele Priola, Alessia Giordana, Eliano Diana et Antonio Frontera	Chalcogen bond and anion- π interactions in telluronium-dicyanoaurate salts
	71	Riccioni A., Dalle Vacche S., Ronchetti S. M., Bongiovanni R. M. et Vitale A.	Nanocrystalline cellulose from different sources as bio-filler for sustainable rubber composites
	72	Gabriele Iuzzolino, Fulvio Perrella, Mohammadhassan Valadan, Carlo Altucci, Alessio Petrone, Nadia Rega	Photophysics of a nucleic acid-protein interaction model depends on solvation dynamics: an experimental and theoretical study
	73	Lorenzo Risolo, Daniela Lalli and Mauro Botta	Multinuclear and multifrequency NMR study of the interactions between Ln(III) ions complexes and fluoride anions
	74	Manuel Barday, Jessica Rodrigues, Pierre Bouillac, Jean Rodriguez, Muriel Amatore and Thierry Constantieux	NHC-catalysed atroposelective desymmetrisation of N-aryl maleimides
	75	Samantha Roque and Jean-Christophe Valmalette	Free-standing surfactant-free plasmonic nanostructures for Raman single-molecule detection
	76	Elio Sarotto, Federico Cesano Valentina Brunella et Antonino Veca	Conductive Polymeric Nanocomposite Based On Carbonaceous Fillers For Integrated Metal-Free Cabling And Sensing
	77	Riccardo Scoccia, Somayeh Asgharpour, Gioele Antonio Tiburtini, Mariacristina Failla, Loretta Lazzarato, Federica Sodano, Francesca Spyraakis	Exploiting arginase 2 intrinsic dynamics for designing selective inhibitors endowed with antitumoral activity
	78	Serafini M., Twigger S., Hammond E. et Conway S.J.	The development of hypoxia-activated PROTACs to selectively degrade BRD4 in hypoxic cancer cells
79	Serra T., Testa V., Nieddu S., Cavalera S., Di Nardo F., Baggiani C., Anfossi L.	Integration of Lateral Flow nanoMIP Assay with Gold Silica Nanoparticles for Enhanced Point-of-Care Diagnostics	
80	Alfonso Zambon, Andrea Terzi, Gianpiero Di Leva, Giovanni Marzaro and Peter Goekjian	Initial design of pyrazole-based small molecules towards CDK20 inhibition	
81	V.Testa, M.C.Bruzzoniti, V.Tumiatti, M.Tumiatti C.Branger, F.Ibrahim, L. Rivoira, T. Serra, S.Cavalera, F.Di Nardo, L.Anfossi, C.Baggiani	New material Pegda-based as adsorbent for lithium from wastewater LIBs solutions	
82	Tiburtini G.A., Bertarini L., Bersani M., Dragani T.A., Rolando B., Binello A., Barge A., Spyraakis F.	In silico analysis of the potential interaction of legacy and novel per-fluoro alkyl substances (PFAS) with specific human proteins	
83	Vetrò T., Vilella N., Sainas S., Giorgis M., Boschi D., Bertolio R., Rustighi A., Amodeo P., Vitale R.M., Del Sal G., Lolli M.L., Pippione A. C.	The therapeutic potential of PIN-1 inhibition: new agents and strategic approaches	