

Dottorato in Scienze Chimiche

XXXIII Ciclo (periodo considerato 2018-2021)

Nome	N.	Autori	Titolo	Anno	DOI	Rivista	Volume	Fascicolo	pag. iniziale	pag. finale
BARDI Brunella	1	Bardi, Brunella; Dall'Agnese, Chunxiang; Moineau Chane Ching, Kathleen Isabelle; Painelli, Anna; Terenziani, Francesca	Spectroscopic Investigation and Theoretical Modeling of Benzothiadiazole-Based Charge-Transfer Chromophores: from Solution to Nanoaggregates	2017	10.1021/acs.jpcc.7b04647	JOURNAL OF PHYSICAL CHEMISTRY. C	121	32	17466	17478
	2	Bardi, Brunella; Dall'Agnese, Chunxiang; Tassé, Marine; Ladeira, Sonia; Painelli, Anna; Moineau-Chane Ching, Kathleen I.; Terenziani, Francesca	Multistimuli-Responsive Materials from Benzothiadiazole-Based Charge-Transfer Chromophores: Interdependence of Optical Properties and Aggregation	2018	10.1002/cptc.201800145	CHEMPHOTOCHEM	2	12	1027	1037
	3	Bardi, Brunella; Krzyszewski, Maciej; Gryko, Daniel Tomasz; Painelli, Anna; Terenziani, Francesca	Excited-State Symmetry Breaking in an Aza- nanographene Dye	2019	10.1002/chem.201902554	CHEMISTRY-A EUROPEAN JOURNAL	25	61	13930	13938
	4	Bardi, Brunella; Tosi, Irene; Faroldi, Federica; Baldini, Laura; Sansone, Francesco; Sissa, Cristina; Terenziani, Francesca	A calixarene-based fluorescent ratiometric temperature probe	2019	10.1039/C9CC04577E	CHEMICAL COMMUNICATIONS	55	56	8098	8101
	5	TOSI, Irene; BARDI, BRUNELLA; Ambrosetti, Matteo; Domenichini, Edoardo; Iagatti, Alessandro; BALDINI, Laura; Cappelli, Chiara; Di Donato, Mariangela; SANSONE, Francesco; SISSA, Cristina; TERENZIANI, Francesca	Investigation of electronic energy transfer in a BODIPY-decorated calix[4]arene	2019	10.1016/j.dyepig.2019.107652	DYES AND PIGMENTS	171		107652	
CARRARO Claudia	1	Balestri, D.; Mazzeo, P. P.; Carraro, C.; Demitri,	Stepwise Evolution of Molecular Nanoaggregates	2019	10.1002/anie.201907621	ANGEWANDTE CHEMIE.	58	48	17342	17350

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		N.; Pelagatti, P.; Bacchi, A.	Inside the Pores of a Highly Flexible Metal–Organic Framework			INTERNATIONAL EDITION				
	2	Balestri, D.; Scilabra, P.; Carraro, C.; Delledonne, A.; Bacchi, A.; Mazzeo, P. P.; Carlucci, L.; Pelagatti, P.	Structural, thermal and topological characterization of coordination networks containing flexible aminocarboxylate ligands with a central biphenylene scaffold	2019	10.1039/c9ce01230c	CRYSTENGCOMM	21	42	6365	6373
	3	MAZZEO, PAOLO PIO; CARRARO, CLAUDIA; Andrea, Monica; CAPUCCI, Davide; PELAGATTI, Paolo; BIANCHI, Federica; AGAZZI, SILVIA; CARERI, Maria; Aida, Raio; Marina, Carta; Felicia, Menicucci; Mattia, Belli; Marco, Michelozzi; BACCHI, Alessia	Designing a palette of Cocrystals based on Essential Oil constituents for agricultural applications	2019	10.1021/acssuschemeng.9b04576	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	7		17929	17940
	4	Falvello, Larry; Lotti, Paolo; Massera, Chiara; Tarantino, Serena C.; Zema, Michele; Puschmann, Horst; Agbahoungbata, Marielle Y.; Andreo, Jacopo; Sahadevan, Suchithra Ashoka; Bismuto, Alessandro; Bonfant, Giulia; Bonou, Sourou A. S.; Carraro, Claudia; Zotti, Marta De; Biase, Armando di; Fantini, Riccardo; Ferraboschi, Ilaria; Custodio, Jean Marcos Ferreira; Frigerio, Matteo; Gallo, Gianpiero; Gjyli, Silvana; Goudjil,	Poly[(μ4-phenylphosphonato)zinc(II)]	2019	10.1107/S2414314619012227	IUCRDATA	4	9	x191222	x191222

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		Meriem; Igoa, Fernando; Kahveci, Enver; Kalienko, Maksim; Lorenzon, Sofia; Macera, Ludovico; Fajardo, Joaquin Joaquin Manrique; Nushi, Enida; Ouatta, Said; Parisi, Emmanuele; Pasqualetto, Leonardo; Pesko, Edyta; Pierri, Giovanni; Pinalli, Roberta; Poppe, Romy; Santoro, Antonio; Smirnova, Ekaterina; Sorbara, Simona; Tensi, Leonardo; Tusha, Gers								
	5	Mazzeo, P. P.; Canossa, S.; Carraro, C.; Pelagatti, P.; Bacchi, A.	Systematic coformer contribution to cocrystal stabilization: Energy and packing trends	2020	10.1039/d0ce00291g	CRYSTENGCOMM	22	43	7341	7349
	6	Mazzeo, Paolo P.; Carraro, Claudia; Arns, Anthea; Pelagatti, Paolo; Bacchi, Alessia	Diversity through similarity: a world of polymorphs, solid solutions, cocrystals in a vial of 4,4'-diazopyridine	2020	https://doi.org/10.1021/acs.cgd.9b01052	CRYSTAL GROWTH & DESIGN	20	2	636	644
	7	Bianchi, F.; Fornari, F.; Riboni, N.; Spadini, C.; Cabassi, C. S.; Iannarelli, M.; Carraro, C.; Mazzeo, P. P.; Bacchi, A.; Orlandini, S.; Furlanetto, S.; Careri, M.	Development of novel cocrystal-based active food packaging by a quality by design approach	2021	10.1016/j.foodchem.2021.129051	FOOD CHEMISTRY	347	article number 129051		
NERI Martina	1	Volpi, S.; Cancelli, U.; Neri, M.; Corradini, R.	Multifunctional delivery systems for peptide nucleic acids	2021	10.3390/ph14010014	PHARMACEUTICALS	14	1	1	31
	2	Volpi, Stefano; Rozzi, Andrea; Rivi, Nicola; Neri, Martina; Knoll, Wolfgang; Corradini, Roberto	Submonomeric Strategy with Minimal Protection for the Synthesis of C(2)-Modified Peptide Nucleic Acids	2021	10.1021/acs.orglett.0c04116	ORGANIC LETTERS				
ORSONI Nicolo'	1	Degola, Francesca; Spadola, Giorgio; Pioli,	PROJECT AFLATOX®: A NEW APPROACH FOR THE	2018						

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		Marianna; Orsoni, Nicolò; Montalbano, Serena; Bartoli, Jennifer; Rogolino, Dominga; Bisceglie, Franco; Buschini, Annamaria; Carcelli, Mauro; Pelosi, Giorgio; Restivo, Francesco Maria; Feretti, Donatelli; Zani, Claudia	DEVELOPMENT OF ANTIFUNGAL AND ANTIMYCOTOXIGENIC COMPOUNDS							
	2	Dallabona, C.; Pioli, M.; Spadola, G.; Orsoni, N.; Bisceglie, F.; Lodi, T.; Pelosi, G.; Restivo, F. M.; Degola, F.	Sabotage at the powerhouse? Unraveling the Molecular Target of 2-Isopropylbenzaldehyde Thiosemicarbazone, a Specific Inhibitor of Aflatoxin Biosynthesis and Sclerotia Development in <i>Aspergillus flavus</i> , Using Yeast as a Model System	2019	10.3390/molecules24162971	MOLECULES	24	16	2971	
	3	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	2019	10.1039/c9mt00166b	METALLOMICS	11	10	1729	1742
	4	Bisceglie, Franco; Bacci, Cristina; Vismarra, Alice; Barilli, Elena; Pioli, Marianna; Orsoni, Nicolò; Pelosi, Giorgio	Antibacterial activity of metal complexes based on cinnamaldehyde thiosemicarbazone analogues	2020	10.1016/j.jinorgbio.2019.110888	JOURNAL OF INORGANIC BIOCHEMISTRY	203		110888	
	5	Bisceglie, F.; Degola, F.; Rogolino, D.; Giannelli, G.; Orsoni, N.; Spadola, G.; Pioli, M.; Restivo, F. M.; Carcelli, M.; Pelosi, G.	Sisters in structure but different in character, some benzaldehyde and cinnamaldehyde derivatives differentially tune <i>Aspergillus flavus</i> secondary metabolism	2020	10.1038/s41598-020-74574-z	SCIENTIFIC REPORTS	10	1	17686	

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	6	Orsoni, N.; Degola, F.; Nerva, L.; Bisceglie, F.; Spadola, G.; Chitarra, W.; Terzi, V.; Delbono, S.; Ghizzoni, R.; Morcia, C.; Jamiolkowska, A.; Mielniczuk, E.; Restivo, F. M.; Pelosi, G.	Double gamers—can modified natural regulators of higher plants act as antagonists against phytopathogens? The case of jasmonic acid derivatives	2020	10.3390/ijms21228681	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	21	22	1	16
	7	Pioli, Marianna; Orsoni, Nicolò; Scaccaglia, Mirco; Alinovi, Rossella; Pinelli, Silvana; Pelosi, Giorgio; Bisceglie, Franco	A New Photoactivatable Ruthenium(II) Complex with an Asymmetric Bis-Thiocarbohydrazone: Chemical and Biological Investigations	2021	10.3390/molecules26040939	MOLECULES	26	4	939	
PANCRAZZI Francesco	1	Paris, Emanuele; Oldani, Claudio; Aricò, Antonino S.; D'Urso, Claudia; Bigi, Franca; Maestri, Giovanni; Pancrazzi, Francesco; Maggi, Raimondo	Silica Nanoparticles Decorated with Polymeric Sulfonic Acids Trigger Selective Oxidation of Benzylic Methylenes to Aldehydic and Ketonic Carbonyls	2019	10.1021/acssuschemeng.8b05845	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	7	6	5886	5891
	2	Viscardi, R.; Barbarossa, V.; Maggi, R.; Pancrazzi, F.	Development of sulfonic supported acids and their application in power to gas systems	2020	10.18178/ijmerr.9.9.1271-1274	INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING AND ROBOTICS RESEARCH	9	9	1271	1274
	3	Viscardi, R.; Barbarossa, V.; Maggi, R.; Pancrazzi, F.	Effect of acidic MCM-41 mesoporous silica functionalized with sulfonic acid groups catalyst in conversion of methanol to dimethyl ether	2020	10.1016/j.egy.2020.10.042	ENERGY REPORTS	6		49	55
	4	Viscardi, Rosanna; Barbarossa, Vincenzo; Mirabile Gattia, Daniele; Maggi, Raimondo; Maestri, Giovanni; Pancrazzi, Francesco	Effect of surface acidity on the catalytic activity and deactivation of supported sulfonic acids during dehydration of methanol to DME	2020	10.1039/D0NJ00229A	NEW JOURNAL OF CHEMISTRY				

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	5	Pancrazzi, F.; Sarti, N.; Mazzeo, P. P.; Bacchi, A.; Carfagna, C.; Mancuso, R.; Gabriele, B.; Costa, M.; Stirling, A.; Della Ca', N.	Site-Selective Double and Tetracyclization Routes to Fused Polyheterocyclic Structures by Pd-Catalyzed Carbonylation Reactions	2020	10.1021/acs.orglett.0c00171	ORGANIC LETTERS	22	4	1569	1574
PANKAJAKSHAN Asha	1	Bianchi, F.; Pankajakshan, A.; Fornari, F.; Mandal, S.; Pelagatti, P.; Bacchi, A.; Mazzeo, P. P.; Careri, M.	A zinc mixed-ligand microporous metal-organic framework as solid-phase microextraction coating for priority polycyclic aromatic hydrocarbons from water samples	2020	DOI: 10.1016/j.microc.2020.104646	MICROCHEMICAL JOURNAL	154			

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ANDREO Jacopo	1	Falvello, Larry; Lotti, Paolo; Massera, Chiara; Tarantino, Serena C.; Zema, Michele; Puschmann, Horst; Agbahoungbata, Marielle Y.; Andreo, Jacopo; Sahadevan, Suchithra Ashoka; Bismuto, Alessandro; Bonfant, Giulia; Bonou, Sourou A. S.; Carraro, Claudia; Zotti, Marta De; Biase, Armando di; Fantini, Riccardo; Ferraboschi, Ilaria; Custodio, Jean Marcos Ferreira; Frigerio, Matteo; Gallo, Gianpiero; Gjyli, Silvana; Goudjil, Meriem; Igoa, Fernando; Kahveci, Enver; Kalienko, Maksim; Lorenzon, Sofia; Macera, Ludovico; Fajardo, Joaquin Joaquin Manrique; Nushi, Enida; Ouaatta, Said; Parisi, Emmanuele; Pasqualetto, Leonardo; Pesko, Edyta; Pierri, Giovanni; Pinalli, Roberta; Poppe, Romy; Santoro, Antonio; Smirnova, Ekaterina; Sorbara, Simona; Tensi, Leonardo; Tusha, Gers	PROJECT AFLATOX®: A NEW APPROACH FOR THE DEVELOPMENT OF ANTIFUNGAL AND ANTIMYCOTOXIGENIC COMPOUNDS	2019	10.1107/S2414314619012227	IUCRDATA	4	9	x191222	x191222
BARTOLI Jennifer	1	Bartoli, J.; Montalbano, S.; Spadola, G.; Rogolino, D.; Pelosi, G.; Bisceglie, F.; Restivo, F. M.; Degola, F.; Serra, O.; Buschini, A.; Feretti, D.; Zani, C.; Carcelli, M.	Antiaflatoxigenic Thiosemicarbazones as Crop-Protective Agents: A Cytotoxic and Genotoxic Study	2019	10.1021/acs.jafc.9b01814	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	67	39	10947	10953

	2	Carcelli, M; Rogolino, D; Bartoli, J; Pala, N; Compari, C; Ronda, N; Bacciottini, F; Incerti, M; Fisicaro, E.	In vitro and in vivo anticancer activity of tridentate thiosemicarbazone copper complexes: Unravelling an unexplored pharmacological target	2020	10.1016/j.foodchem.2019.125310	FOOD CHEMISTRY	303		125310	
	3	Carcelli, M.; Tegoni, M.; Bartoli, J.; Marzano, C.; Pelosi, G.; Salvalaio, M.; Rogolino, D.; Gandin, V.	Thiosemicarbazone nano-formulation for the control of Aspergillus flavus	2020	10.1016/j.ejmech.2020.112266	EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY	194		112266	
	4	Spadola, G.; Sanna, V.; Bartoli, J.; Carcelli, M.; Pelosi, G.; Bisceglie, F.; Restivo, F. M.; Degola, F.; Rogolino, D.	Antiaflatoxicogenic Thiosemicarbazones as Crop-Protective Agents: A Cytotoxic and Genotoxic Study	2020	10.1007/s11356-020-08532-7	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH INTERNATIONAL	27	16	20125	20135
BAZZONI Margherita	1	Zanichelli, Valeria; Bazzoni, Margherita; Arduini, Arturo; Franchi, Paola; Lucarini, Marco; Ragazzon, Giulio; Secchi, Andrea; Silvi, Serena	Redox-Switchable Calix[6]arene-Based Isomeric Rotaxanes	2018	10.1002/chem.201800496	CHEMISTRY-A EUROPEAN JOURNAL	24		12370	12382
	2	Bazzoni, Margherita; Zanichelli, Valeria; Casimiro, Lorenzo; Massera, Chiara; Credi, Alberto; Secchi, Andrea; Silvi, Serena; Arduini, Arturo	New Geometries for Calix[6]arene-Based Rotaxanes	2019	10.1002/ejoc.201900211	EUROPEAN JOURNAL OF ORGANIC CHEMISTRY	2019	21	3513	3524
	3	Orlandini, Guido; Casimiro, Lorenzo; Bazzoni, Margherita; Cogliati, Beatrice; Credi, Alberto; Lucarini, Marco; Silvi, Serena; Arduini, Arturo; Secchi, Andrea	Synthesis and properties of a redox-switchable calix[6]arene-based molecular lasso	2020	10.1039/C9QO01379B	ORGANIC CHEMISTRY FRONTIERS	7		648	659
	4	Bazzoni, Margherita; Terenziani, Francesca; Secchi, Andrea; Cera, Gianpiero; Jabin, Ivan; De Leener, Gaël; Luhmer, Michel; Arduini, Arturo	Tuning the fluorescence through reorientation of the axle in calix[6]arene-based pseudorotaxanes	2020	10.1002/chem.201905500	CHEMISTRY-A EUROPEAN JOURNAL	26		3022	3025

	5	Cera, Gianpiero; Bazzoni, Margherita; Arduini, Arturo; Secchi, Andrea	Ion-Pair Selective Conformational Rearrangement of Sulfonamide Calix[6]arene-Based Pseudorotaxanes	2020	10.1021/acs.orglett.0c01191	ORGANIC LETTERS	22	9	3702	3705
	6	Cera, Gianpiero; Balestri, Davide; Bazzoni, Margherita; Marchiò, Luciano; Secchi, Andrea; Arduini, Arturo	Trisulfonamide calix[6]arene-catalysed Michael addition to nitroalkenes	2020	10.1039/d0ob01319f	ORGANIC & BIOMOLECULAR CHEMISTRY	18	32	6241-6246	6246
	7	Cera, Gianpiero; Cester Bonati, Federica; Bazzoni, Margherita; Secchi, Andrea; Arduini, Arturo	Calix[6]arene-based Brønsted acids for molecular recognition and catalysis	2021	10.1039/D0OB02393K	ORGANIC & BIOMOLECULAR CHEMISTRY	19	7	1546	1554
CECCHINI Chiara	1	Cecchini, Chiara; Lanzi, Matteo; Cera, Gianpiero; Malacria, Max; Maestri, Giovanni	Complementary Reactivity of 1,6-Enynes with All-Metal Aromatic Trinuclear Complexes and Carboxylic Acids	2019	10.1055/s-0037-1611653	SYNTHESIS	51	5	1216	1224
	2	Cecchini, Chiara; Cera, Gianpiero; Lanzi, Matteo; Marchiò, Luciano; Malacria, Max; Maestri, Giovanni	Diastereoselective bicyclization of enynols via gold catalysis	2019	10.1039/C9QO00963A	ORGANIC CHEMISTRY FRONTIERS	6	20	3584	3588
FORTUNATI Simone	1	Giannetto, Marco; Bianchi, Valentina; Gentili, Silvia; Fortunati, Simone; DE MUNARI, Ilaria; Careri, Maria	An integrated IoT-Wi-Fi board for remote data acquisition and sharing from innovative immunosensors. Case of study: Diagnosis of celiac disease	2018	10.1016/j.snb.2018.07.056	SENSORS AND ACTUATORS. B, CHEMICAL	273		1395	1403
	2	Giannetto, Marco; Pedrini, Alessandro; Fortunati, Simone; Brando, Davide; Milano, Sabrina; Massera, Chiara; Tatti, Roberta; Verucchi, Roberto; Careri, Maria; Dalcanale, Enrico; Pinalli, Roberta	Sensing of halogenated aromatic hydrocarbons in water with a cavitand coated piezoelectric device	2018	10.1016/j.snb.2018.08.111	SENSORS AND ACTUATORS. B, CHEMICAL	276		340	348

	3	Fortunati, Simone; Rozzi, Andrea; CURTI, FEDERICA; Giannetto, Marco; Corradini, Roberto; Careri, Maria	Novel amperometric genosensor based on peptide nucleic acid (PNA) probes immobilized on carbon nanotubes-screen printed electrodes for the determination of trace levels of non-amplified DNA in genetically modified (GM) soy	2019	10.1016/j.bios.2019.01.020	BIOSENSORS & BIOELECTRONICS	129		7	14
	4	Fortunati, Simone; Rozzi, Andrea; Curti, Federica; Giannetto, Marco; Corradini, Roberto; Careri, Maria	Single-Walled Carbon Nanotubes as Enhancing Substrates for PNA-Based Amperometric Genosensors	2019	10.3390/s19030588	SENSORS	19	588 (article number)		
	5	Bianchi, Valentina; Boni, Andrea; Fortunati, Simone; Giannetto, Marco; Careri, Maria; De Munari, Ilaria	A Wi-Fi cloud-based portable potentiostat for electrochemical biosensors	2020	10.1109/TIM.2019.2928533	IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT	69	6	3232	3240
	6	Fortunati, Simone; Giannetto, Marco; Rozzi, Andrea; Corradini, Roberto; Careri, Maria	PNA-functionalized magnetic microbeads as substrates for enzyme-labelled voltammetric genoassay for DNA sensing applied to identification of GMO in food	2021	10.1016/j.aca.2021.338297	ANALYTICA CHIMICA ACTA	1153	338297 (article number)		
SBRAVATI Davide	1	Loconte, V.; Cianci, M.; Menozzi, I.; Sbravati, D.; Sansone, F.; Casnati, A.; Berni, R.	Interactions of tolcapone analogues as stabilizers of the amyloidogenic protein transthyretin	2020	10.1016/j.bioorg.2020.104144	BIOORGANIC CHEMISTRY	103		104144	

XXXI Ciclo (periodo considerato 2016-2019)

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CASNATI Alessandra	1	Casnati, Alessandra; Maggi, Raimondo; Maestri, Giovanni; Della Ca, Nicola; Motti, Elena	Pd-Catalyzed/Iodide-Promoted alpha-Arylation of Ketones for the Regioselective Synthesis of Isocoumarins	2017	10.1021/acs.joc.7b01355	JOURNAL OF ORGANIC CHEMISTRY	82	15	8296	8303
	2	Casnati, Alessandra; Perrone, Antonio; Mazzeo, Paolo P.; Bacchi, Alessia; Mancuso, Raffaella; Gabriele, Bartolo; Maggi, Raimondo; Maestri, Giovanni; Motti, Elena; Stirling, András; DELLA CA', Nicola	Synthesis of Imidazolidin-2-ones and Imidazol-2-ones via Base-Catalyzed Intramolecular Hydroamidation of Propargylic Ureas under Ambient Conditions	2019	10.1021/acs.joc.9b00064	JOURNAL OF ORGANIC CHEMISTRY	84	6	3477	3490
	3	Casnati, Alessandra; Motti, Elena; Mancuso, Raffaella; Gabriele, Bartolo; Della Ca', Nicola	Recent advances in the catalytic synthesis of imidazolidin-2-ones and benzimidazolidin-2-ones	2019	10.3390/catal9010028	CATALYSTS	9	1	28	
	4	Casnati, Alessandra; Motti, Elena; DELLA CA', Nicola	Cis,exo-1,2,3,4,4a,13b-hexahydro-1,4-methano-5-isopropoxy-9H-tribenzo[b,f]azepine	2018	10.3390/M988	MOLBANK	2018	1	M988	
	5	Casnati, Alessandra; Gemoets, Hannes P. L.; Motti, Elena; Della Ca', Nicola; Noël, Timothy	Homogeneous and Gas-Liquid Catellani-Type Reaction Enabled by Continuous-Flow Chemistry	2018	10.1002/chem.201803909	CHEMISTRY-A EUROPEAN JOURNAL	24	53	14079	14083
	6	Casnati, Alessandra; Fontana, Marco; Coruzzi, Giovanni; Maria Aresta, Brunella; Corriero, Nicola; Maggi, Raimondo; Maestri, Giovanni; Motti, Elena; DELLA CA', Nicola	Enhancing Reactivity and Selectivity of Aryl Bromides: A Complementary Approach to Dibenzo[b,f]azepine Derivatives	2018	10.1002/cctc.201800940	CHEMCATCHEM				
	7	Santacroce, Veronica; Bigi, Franca; Casnati, Alessandra; Maggi, Raimondo; Storaro, Loretta; Moretti, Elisa; Vaccaro, Luigi; Maestri, Giovanni	Selective MonoMethyl Esterification of Linear Dicarboxylic Acids with Bifunctional Alumina Catalysts	2016	10.1039/C6GC01900E	GREEN CHEMISTRY	18		5764	5768

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FAROLDI Federica	1	Marie, C.; Kaufholz, P.; Vanel, V.; Duchesne, M. -T.; Russello, E.; Faroldi, F.; Baldini, L.; Casnati, A.; Wilden, A.; Modolo, G.; Miguiditchian, M.	Development of a Selective Americium Separation Process Using H4TPAEN as Water-Soluble Stripping Agent	2019	10.1080/0736629 9.2019.1643569	SOLVENT EXTRACTION AND ION EXCHANGE	37	5	313	327
	2	Giuliani, Marta; Faroldi, Federica; Morelli, Laura; Torre, Enza; Lombardi, Grazia; Fallarini, Silvia; Sansone, Francesco; Compostella, Federica	Exploring calixarene-based clusters for efficient functional presentation of Streptococcus pneumoniae saccharides	2019	10.1016/j.bioorg.2 019.103305	BIOORGANIC CHEMISTRY	93		103305	
	3	Bardi, Brunella; Tosi, Irene; Faroldi, Federica; Baldini, Laura; Sansone, Francesco; Sissa, Cristina; Terenziani, Francesca	A calixarene-based fluorescent ratiometric temperature probe	2019	10.1039/C9CC045 77E	CHEMICAL COMMUNICATION S	55	56	8098	8101
	4	Macerata, Elena; Ossola, Annalisa; Panzeri, Walter; Giola, Marco; Faroldi, Federica; Tinonin, Dario Alberto; Mele, Andrea; Casnati, Alessandro; Mariani, Mario	Actinide-lanthanide co-extraction by rigidified diglycolamides	2018	10.1080/0736629 9.2017.1415670	SOLVENT EXTRACTION AND ION EXCHANGE	36	1	41	53
	5	Mori, Giulia; Doniselli, Nicola; Faroldi, Federica; Percudani, Riccardo	Heme binding and peroxidase activity of a secreted minicatalase	2016	10.1002/1873- 3468.12493	FEBS LETTERS	590		4495	4506
	6	Toma, Lucio; Legnani, Laura; Compostella, Federica; Giuliani, Marta; Faroldi, Federica; Casnati, Alessandro; Sansone, Francesco	Molecular Architecture and Symmetry Properties of 1,3-Alternate Calix[4]arenes with Orientable Groups at the Para Position of the Phenolic Rings	2016	10.1021/acs.joc.6 b01784	JOURNAL OF ORGANIC CHEMISTRY	81	20	9718	9727
	7	Ossola, Annalisa; Macerata, Elena; Tinonin, Dario A.; Faroldi, Federica; Giola, Marco; Mariani, Mario; Casnati, Alessandro	Radiolytic degradation of a new diglycol-diamide ligand for actinide and lanthanide co-extraction from spent nuclear fuel	2016	10.1016/j.radphys chem.2015.12.013	RADIATION PHYSICS AND CHEMISTRY	124		246	251
LANZI Matteo	1	Cecchini, Chiara; Lanzi, Matteo; Cera, Gianpiero; Malacria, Max; Maestri, Giovanni	Complementary Reactivity of 1,6-Enynes with All-Metal Aromatic Trinuclear Complexes and Carboxylic Acids	2019	10.1055/s-0037- 1611653	SYNTHESIS	51	5	1216	1224

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	2	Lanzi, Matteo; Santacroce, Veronica; Balestri, Davide; Marchiò, Luciano; Bigi, Franca; Maggi, Raimondo; Malacria, Max; Maestri, Giovanni	Visible-Light Promoted Polycyclizations of Dienes	2019	10.1002/anie.201902837	ANGEWANDTE CHEMIE. INTERNATIONAL EDITION	58		6703	6707
	3	Cecchini, Chiara; Cera, Gianpiero; Lanzi, Matteo; Marchiò, Luciano; Malacria, Max; Maestri, Giovanni	Diastereoselective bicyclization of enynols via gold catalysis	2019	10.1039/C9QO00963A	ORGANIC CHEMISTRY FRONTIERS	6	20	3584	3588
	4	Lanzi, Matteo; Cañeque, Tatiana; Marchiò, Luciano; Maggi, Raimondo; Bigi, Franca; Malacria, Max; Maestri, Giovanni	Alternative Routes to Tricyclic Cyclohexenes with Trinuclear Palladium Complexes	2018	10.1021/acscatal.7b03366	ACS CATALYSIS	8		144	147
	5	Cera, Gianpiero; Lanzi, Matteo; Balestri, Davide; Della Ca, Nicola; Maggi, Raimondo; Bigi, Franca; Malacria, Max; Maestri, Giovanni	Synthesis of Carbolines via Palladium/Carboxylic Acid Joint Catalysis	2018	10.1021/acs.orglett.8b01072	ORGANIC LETTERS	20	11	3220	3224
	6	Lanzi, Matteo; Merad, Jérémy; Boyarskaya, Dina V.; Maestri, Giovanni; Allain, Clémence; Masson, Géraldine	Visible-Light-Triggered C-C and C-N Bond Formation by C-S Bond Cleavage of Benzylic Thioethers	2018	10.1021/acs.orglett.8b02196	ORGANIC LETTERS	20	17	5247	5250
	7	Cera, Gianpiero; Lanzi, Matteo; Bigi, Franca; Maggi, Raimondo; Malacria, Max; Maestri, Giovanni	Bi-directional alkyne tandem isomerization via Pd(0)/carboxylic acid joint catalysis: expedient access to 1,3-dienes	2018	10.1039/c8cc08561g	CHEMICAL COMMUNICATIONS	54		14021	14024
MARZAROLI Vittoria	1	Marzaroli, V.; Spigolon, G.; Lococciolo, G.; Quaretti, M.; Salvati, C.; Kampf, J. W.; Licini, G.; Marchio, L.; Pecoraro, V. L.; Tegoni, M.	Three-Dimensional Porous Architectures Based on Mn II/III Three-Blade Paddle Wheel Metallacryptates	2019	10.1021/acs.cgd.8b01921	CRYSTAL GROWTH & DESIGN	19	3	1954	1964
	2	Atzeri, Corrado; Marzaroli, Vittoria; Quaretti, Martina; Travis, Jordan R.; Di Bari, Lorenzo; Zaleski, Curtis M.; Tegoni, Matteo	Elucidation of 1H NMR Paramagnetic Features of Heterotrimetallic Lanthanide(III)/Manganese(III) 12-MC-4 Complexes	2017	10.1021/acs.inorgchem.7b00970	INORGANIC CHEMISTRY	56	14	8257	8269
MONFREDINI Anna	1	Monfredini, Anna; Santacroce, Veronica; Marchiò, Luciano; Maggi, Raimondo; Bigi,	Semi-Reduction of Internal Alkynes with Prototypical Subnanometric Metal Surfaces: Bridging Homogeneous and	2017	10.1021/acssuschemeng.7b01847	ACS SUSTAINABLE CHEMISTRY & ENGINEERING		5	8205	8212

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		Franca; Maestri, Giovanni; Malacria, Max	Heterogeneous Catalysis with Trinuclear All-Metal Aromatics							
	2	Maestri, Giovanni; Wang, Yanlan; Monfredini, Anna; Deyris, Pierre-Alexandre; Derat, Etienne; Malacria, Max; Blanchard, Florent	All-Metal Aromatic Cationic Palladium Triangles Can Mimic Aromatic Donor Ligands towards Lewis Acidic Cations	2017	10.1039/C7SC03475J	CHEMICAL SCIENCE				
	3	Monfredini, Anna; Santacroce, Veronica; Deyris, Pierre-Alexandre; Maggi, Raimondo; Bigi, Franca; Maestri, Giovanni; Malacria, Max	Boosting Catalyst Activity in Cis-Selective Semi-Reduction of Internal Alkynes by Tailoring the Assembly of All-Metal Aromatic Tri-Palladium Complexes	2016	10.1039/C6DT01840H	DALTON TRANSACTIONS		45	15786	15790
PIOLI Marianna	1	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	2019	10.1039/c9mt00166b	METALLOMICS	11	10	1729	1742
	2	Bisceglie, Franco; Bacci, Cristina; Vismarra, Alice; Barilli, Elena; Pioli, Marianna; Orsoni, Nicolò; Pelosi, Giorgio	Antibacterial activity of metal complexes based on cinnamaldehyde thiosemicarbazone analogues	2019	10.1016/j.jinorgbi o.2019.110888	JOURNAL OF INORGANIC BIOCHEMISTRY	203		110888	
	3	Degola, Francesca; Spadola, Giorgio; Pioli, Marianna; Orsoni, Nicolò; Montalbano, Serena; Bartoli, Jennifer; Rogolino, Dominga; Bisceglie, Franco; Buschini, Annamaria; Carcelli, Mauro; Pelosi, Giorgio; Restivo, Francesco Maria; Feretti, Donatelli; Zani, Claudia	PROJECT AFLATOX®: A NEW APPROACH FOR THE DEVELOPMENT OF ANTIFUNGAL AND ANTIMYCOTOXIGENIC COMPOUNDS	2018						
	4	Bacchi, Alessia; Capucci, Davide; Gatti, Anna; Loffi, Cecilia; Pioli, Marianna; Rogolino, Dominga; Terenziani, Francesca; Pelagatti, Paolo	Synthesis, Structure and Spectroscopic Characterization of Halfsandwich RuII Complexes containing 1,8-Naphthalimide Ligands	2017	10.1002/slct.201701070	CHEMISTRYSELECT	2	24	7000	7007
	5	Zani, Claudia; Bisceglie, Franco; Restivo, Francesco Maria; Feretti, Donatella; Pioli, Marianna; Degola, Francesca; Montalbano, Serena; Galati,	A battery of assays as an integrated approach to evaluate fungal and mycotoxin inhibition properties and cytotoxic/genotoxic side-effects	2017	10.1016/j.fct.2017.05.008	FOOD AND CHEMICAL TOXICOLOGY	105		498	505

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		Serena; Pelosi, Giorgio; Viola, Gaia V C; Carcelli, Mauro; Rogolino, Dominga; Ceretti, Elisabetta; Buschini, Annamaria	for the prioritization in the screening of thiosemicarbazone derivatives							
	6	Bisceglie, Franco; Alinovi, Rossella; Pinelli, Silvana; Galetti, Marica; Pioli, Marianna; Tarasconi, Pieralberto; Mutti, Antonio; Goldoni, Matteo; Pelosi, Giorgio	Autophagy and apoptosis: studies on the effects of bithiosemicarbazone copper(II) complexes on p53 and p53-null tumour cell lines	2016	10.1039/C6MT00170J	METALLOMICS	8	12	1255	1265
	7	Pioli, Marianna; Pelosi, Giorgio; Bisceglie, Franco; Restivo, Francesco Maria; Degola, Francesca; Buschini, Annamaria; Galati, Serena; Montalbano, Serena; Zani, Claudia; Feretti, Donatella	CUMINALDEHYDE DERIVATIVES AND METAL COMPLEXES AS NOVEL ANTIMYCOTOXICOGENIC AGENTS	2016						
	8	Pelosi, Giorgio; Alinovi, Rossella; Pinelli, Silvana; Tarasconi, Pieralberto; Mutti, Antonio; Goldoni, Matteo; Pioli, Marianna; Bisceglie, Franco	Autophagy and apoptosis: studies on the effects of bithiosemicarbazone copper(II) complexes on p53 and p53-null tumour cell lines	2016						
	9	Pioli, M.; Pelosi, G.; Bisceglie, F.; Degola, F.; Restivo, F. M.; Montalbano, S.; Galati, S.; Buschini, A.	Thiosemicarbazone-based metal complexes as novel anti-mycotoxigenic agents	2016						
	10	Montalbano, S; Degola, F; Galati, S; Pioli, M; Spadola, G; Zani, C; Restivo, Fm; Carcelli, M; Rogolino, D; Feretti, D; Pelosi, G; Bisceglie, F; Buschini, A	A Biotechnological Approach for the Development of New Antifungal Compounds to Protect the Environment and the Human Health	2016						
ROZZI Andrea	1	Giovanardi, F.; Cucinotta, A.; Rozzi, A.; Corradini, R.; Benabid, F.; Rosa, L.; Vincetti, L.	Hollow Core Inhibited Coupling Fibers for Biological Optical Sensing	2019	10.1109/JLT.2019.2892077	JOURNAL OF LIGHTWAVE TECHNOLOGY	37	11	2598	2604
	2	Movilli, Jacopo; Di Iorio, Daniele; Rozzi, Andrea;	"Plug-n-Play" Polymer Substrates: Surface Patterning with Reactive-Group-Appended	2019	10.1021/acsapm.9b00814	ACS APPLIED POLYMER MATERIALS	1	11	3165	3173

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		Hiltunen, Jussi; Corradini, Roberto; Huskens, Jurriaan	Poly-L-lysine for Biomolecule Adhesion							
	3	Fortunati, Simone; Rozzi, Andrea; Curti, Federica; Giannetto, Marco; Corradini, Roberto; Careri, Maria	Single-Walled Carbon Nanotubes as Enhancing Substrates for PNA-Based Amperometric Genosensors	2019	10.3390/s19030588	SENSORS	19	3	588	
	4	Fortunati, Simone; Rozzi, Andrea; CURTI, FEDERICA; Giannetto, Marco; Corradini, Roberto; Careri, Maria	Novel amperometric genosensor based on peptide nucleic acid (PNA) probes immobilized on carbon nanotubes-screen printed electrodes for the determination of trace levels of non-amplified DNA in genetically modified (GM) soy	2019	10.1016/j.bios.2019.01.020	BIOSENSORS & BIOELECTRONICS	129		7	14
	5	Giovanardi, F.; Cucinotta, A.; Rozzi, A.; Corradini, R.; Benabid, F.; Vincetti, L.	Protein detection using hollow-core tube lattice fibers	2018	10.1364/SENSORS.2018.SeM3E.4	Optics InfoBase Conference Papers - OSA - The Optical Society (ISBN 9781557528209)	2018		SeM3E.4	
	6	Movilli, Jacopo; Rozzi, Andrea; Ricciardi, Roberto; Corradini, Roberto; Huskens, Jurriaan	Control of Probe Density at DNA Biosensor Surfaces Using Poly(L-lysine) with Appended Reactive Groups	2018	10.1021/acs.biocornchem.8b00733	BIOCONJUGATE CHEMISTRY	29	12	4110	4118
	7	Janneke, Veerbeek; Raymond, Steen; Wouter, Vijselaar; Frederik Rurup, W.; Korom, Sasa; Rozzi, Andrea; Corradini, Roberto; Loes, Segerink; and Jurriaan Huskens,	Selective Functionalization with PNA of Silicon Nanowires on Silicon Oxide Substrates	2018	10.1021/acs.langmuir.8b02401	LANGMUIR	34	38	11395	11404
	8	Manicardi, Alex; Rozzi, Andrea; Korom, Saâja; Corradini, Roberto	Building on the peptide nucleic acid (PNA) scaffold: a biomolecular engineering approach	2017	10.1080/10610278.2017.1371720	SUPRAMOLECULAR CHEMISTRY	29	11	784	795
	9	Manicardi, Alex; Bertucci, Alessandro; Rozzi, Andrea; Corradini, Roberto	A Bifunctional Monomer for On-Resin Synthesis of Polyfunctional PNAs and Tailored Induced-Fit Switching Probes	2016	10.1021/acs.orglett.6b02363	ORGANIC LETTERS	18	21	5452	5455