

# Luisa Boffa

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

1,853  
citations

331538

21  
h-index

330025

37  
g-index

43  
all docs

43  
docs citations

43  
times ranked

2605  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved extraction of vegetable oils under high-intensity ultrasound and/or microwaves. <i>Ultrasonics Sonochemistry</i> , 2008, 15, 898-902.	3.8	516
2	Phytotherapeutics: an evaluation of the potential of 1000 plants. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2010, 35, 11-48.	0.7	123
3	Alkyne-azide click reaction catalyzed by metallic copper under ultrasound. <i>Nature Protocols</i> , 2010, 5, 607-616.	5.5	103
4	A one-pot ultrasound-assisted water extraction/cyclodextrin encapsulation of resveratrol from <i>Polygonum cuspidatum</i> . <i>Food Chemistry</i> , 2012, 130, 746-750.	4.2	92
5	Cocoa bean shell waste valorisation; extraction from lab to pilot-scale cavitation reactors. <i>Food Research International</i> , 2019, 115, 200-208.	2.9	87
6	Ultrasound-Promoted Copper-Catalyzed Azide-Alkyne Cycloaddition. <i>ACS Combinatorial Science</i> , 2010, 12, 13-15.	3.3	82
7	Optimization of microalgae oil extraction under ultrasound and microwave irradiation. <i>Journal of Chemical Technology and Biotechnology</i> , 2014, 89, 1779-1784.	1.6	72
8	Valorisation of By-Products from Soybean ( <i>Glycine max</i> (L.) Merr.) Processing. <i>Molecules</i> , 2020, 25, 2129.	1.7	63
9	Heck Reactions with Very Low Ligandless Catalyst Loads Accelerated by Microwaves or Simultaneous Microwaves/Ultrasound Irradiation. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 2338-2344.	2.1	57
10	Selective recovery of rosmarinic and carnosic acids from rosemary leaves under ultrasound- and microwave-assisted extraction procedures. <i>Comptes Rendus Chimie</i> , 2016, 19, 699-706.	0.2	54
11	Synthesis of Ionic Liquids Using Non Conventional Activation Methods: An Overview. <i>Monatshefte für Chemie</i> , 2007, 138, 1103-1113.	0.9	47
12	Reticulated Pd(ii)/Cu(i) cyclodextrin complexes as recyclable green catalyst for Sonogashira alkyne alkylation. <i>Catalysis Science and Technology</i> , 2012, 2, 85-87.	2.1	45
13	Efficient H <sub>2</sub> O <sub>2</sub> /CH <sub>3</sub> COOH oxidative desulfurization/denitrification of liquid fuels in sonochemical flow-reactors. <i>Ultrasonics Sonochemistry</i> , 2014, 21, 283-288.	3.8	45
14	Preparation of Second Generation Ionic Liquids by Efficient Solvent-Free Alkylation of N-Heterocycles with Chloroalkanes. <i>Molecules</i> , 2008, 13, 149-156.	1.7	43
15	Improved Protocols for Microwave-Assisted Cu(I)-Catalyzed Huisgen 1,3-Dipolar Cycloadditions. <i>Collection of Czechoslovak Chemical Communications</i> , 2007, 72, 1014-1024.	1.0	36
16	A Speedy One-Pot Synthesis of Second-Generation Ionic Liquids Under Ultrasound and/or Microwave Irradiation. <i>Australian Journal of Chemistry</i> , 2007, 60, 946.	0.5	33
17	Efficient green extraction of polyphenols from post-harvested agro-industry vegetal sources in Piedmont. <i>Comptes Rendus Chimie</i> , 2014, 17, 212-217.	0.2	32
18	Effects of ultrasonic and hydrodynamic cavitation on the treatment of cork wastewater by flocculation and Fenton processes. <i>Ultrasonics Sonochemistry</i> , 2018, 40, 3-8.	3.8	32

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19	Batch and Flow Ultrasound-Assisted Extraction of Grape Stalks: Process Intensification Design up to a Multi-Kilo Scale. <i>Antioxidants</i> , 2020, 9, 730.	2.2	32
20	Process intensification technologies for the recovery of valuable compounds from cocoa by-products. <i>Innovative Food Science and Emerging Technologies</i> , 2021, 68, 102601.	2.7	31
21	Improved syntheses of bis( $\beta$ -cyclodextrin) derivatives, new carriers for gadolinium complexes. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 1124.	1.5	29
22	Antiproliferative, Proapoptotic, Antioxidant and Antimicrobial Effects of <i>Sinapis nigra</i> L. and <i>Sinapis alba</i> L. Extracts. <i>Molecules</i> , 2018, 23, 3004.	1.7	23
23	Efficient and selective green extraction of polyphenols from lemon balm. <i>Comptes Rendus Chimie</i> , 2017, 20, 921-926.	0.2	19
24	Analytical dataset of Ecuadorian cocoa shells and beans. <i>Data in Brief</i> , 2019, 22, 56-64.	0.5	19
25	A new class of cationic cyclodextrins: synthesis and chemico-physical properties. <i>New Journal of Chemistry</i> , 2010, 34, 2013.	1.4	18
26	Chemical modifications of bile acids under high-intensity ultrasound or microwave irradiation. <i>Steroids</i> , 2005, 70, 77-83.	0.8	16
27	Technology and Process Design for Phenols Recovery from Industrial Chicory ( <i>Chicorium intybus</i> ) Leftovers. <i>Molecules</i> , 2019, 24, 2681.	1.7	16
28	An evaluation of the antioxidant properties of <i>Arthrospira maxima</i> extracts obtained using non-conventional techniques. <i>European Food Research and Technology</i> , 2017, 243, 227-237.	1.6	13
29	Highly Efficient Mechanochemical N-Arylation of Amino Alcohols and Diamines with CuO Powder. <i>Synlett</i> , 2015, 26, 2789-2794.	1.0	12
30	An Easy Access to Aromatic Azo Compounds under Ultrasound/Microwave Irradiation. <i>Synlett</i> , 2006, 2006, 2605-2608.	1.0	11
31	Sustainable Microwave-Assisted Aerobic Oxidation of Tomato Plant Waste into Bioaromatics and Organic Acids. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 8578-8584.	1.8	11
32	Regio- and stereoselective reductions of dehydrocholic acid. <i>Steroids</i> , 2006, 71, 469-475.	0.8	10
33	<i>Commiphora myrrha</i> (Nees) Engl. extracts: evaluation of antioxidant and antiproliferative activity and their ability to reduce microbial growth on fresh-cut salad. <i>International Journal of Food Science and Technology</i> , 2016, 51, 625-632.	1.3	8
34	One-pot and Solventless Synthesis of Ionic Liquids under Ultrasonic Irradiation. <i>Synlett</i> , 2007, 2007, 2065-2068.	1.0	6
35	Alkaloid Profiles and Activity in Different <i>Mitragyna speciosa</i> Strains. <i>Natural Product Communications</i> , 2018, 13, 1934578X1801300.	0.2	6
36	Predicting self-assembly and structure in diluted aqueous solutions of modified mono- and bis- $\beta$ -cyclodextrins that contain naphthoxy chromophore groups. <i>New Journal of Chemistry</i> , 2015, 39, 1714-1724.	1.4	5

#	ARTICLE	IF	CITATIONS
37	Efficient Regioselective Opening of Epoxides by Nucleophiles in Water under Simultaneous Ultrasound/Microwave Irradiation. <i>Synlett</i> , 2007, 2007, 2041-2044.	1.0	1