

# Lucio Previtiera

## List of Publications by Year in descending order

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118  
papers

3,190  
citations

159585

30  
h-index

197818

49  
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124  
all docs

124  
docs citations

124  
times ranked

3174  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ecotoxicity of naproxen and its phototransformation products. <i>Science of the Total Environment</i> , 2005, 348, 93-101.	8.0	273
2	Stigmasterols from <i>Typha latifolia</i> . <i>Journal of Natural Products</i> , 1990, 53, 1430-1435.	3.0	248
3	Cycloartane triterpenes from <i>Juncus effusus</i> . <i>Phytochemistry</i> , 1994, 35, 1017-1022.	2.9	101
4	Biodegradation of phenols by microalgae. <i>Biotechnology Letters</i> , 2002, 24, 2047-2051.	2.2	96
5	Toxicity of prednisolone, dexamethasone and their photochemical derivatives on aquatic organisms. <i>Chemosphere</i> , 2004, 54, 629-637.	8.2	86
6	A multispecies study to assess the toxic and genotoxic effect of pharmaceuticals: Furosemide and its photoproduct. <i>Chemosphere</i> , 2006, 63, 785-793.	8.2	82
7	Lignans from <i>Arum italicum</i> . <i>Phytochemistry</i> , 1994, 35, 777-779.	2.9	75
8	Cinnamic acid amides from <i>Chenopodium album</i> : effects on seeds germination and plant growth. <i>Phytochemistry</i> , 2003, 64, 1381-1387.	2.9	64
9	Potential allelochemicals from <i>Sambucus nigra</i> . <i>Phytochemistry</i> , 2001, 58, 1073-1081.	2.9	63
10	Phototransformation products of tamoxifen by sunlight in water. Toxicity of the drug and its derivatives on aquatic organisms. <i>Chemosphere</i> , 2007, 67, 1933-1939.	8.2	61
11	Low-molecular-weight components of olive oil mill waste-waters. <i>Phytochemical Analysis</i> , 2004, 15, 184-188.	2.4	60
12	Identification of phototransformation products of prednisone by sunlight: Toxicity of the drug and its derivatives on aquatic organisms. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 534-539.	4.3	51
13	Allelochemical activity of phenylpropanes from <i>Acorus gramineus</i> . <i>Phytochemistry</i> , 1989, 28, 2319-2321.	2.9	50
14	A Mechanistic Study on the Phototoxicity of Atorvastatin: Singlet Oxygen Generation by a Phenanthrene-like Photoproduct. <i>Chemical Research in Toxicology</i> , 2009, 22, 173-178.	3.3	49
15	Phenanthrenoids from the wetland <i>Juncus acutus</i> . <i>Phytochemistry</i> , 2002, 60, 633-638.	2.9	48
16	Ecotoxicological evaluation of caffeine and its derivatives from a simulated chlorination step. <i>Science of the Total Environment</i> , 2014, 470-471, 453-458.	8.0	46
17	Cinnamic acid amides and lignanamides from <i>Aptenia cordifolia</i> . <i>Tetrahedron</i> , 2006, 62, 2877-2882.	1.9	44
18	Phenols and lignans from <i>Chenopodium album</i> . <i>Phytochemical Analysis</i> , 2006, 17, 344-349.	2.4	43

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19	Cytotoxic 9,10-Dihydrophenanthrenes from <i>Juncus effusus</i> L.. <i>Tetrahedron</i> , 1993, 49, 3425-3432.	1.9	42
20	New dimeric phenanthrenoids from the rhizomes of <i>Juncus acutus</i> . Structure determination and anti-algal activity. <i>Tetrahedron</i> , 2003, 59, 2317-2324.	1.9	41
21	Photochemical behavior of the drug atorvastatin in water. <i>Tetrahedron</i> , 2006, 62, 7390-7395.	1.9	41
22	Progesterone bioconversion by microalgal cultures. <i>Phytochemistry</i> , 1994, 37, 1269-1272.	2.9	39
23	Unusual products of the aqueous chlorination of atenolol. <i>Chemosphere</i> , 2009, 74, 730-734.	8.2	39
24	Action of anti-algal compounds from <i>Juncus effusus</i> L. on <i>Selenastrum capricornutum</i> . <i>Journal of Chemical Ecology</i> , 1996, 22, 587-603.	1.8	37
25	A new dimeric 9,10-dihydrophenanthrenoid from the rhizome of <i>Juncus acutus</i> . <i>Tetrahedron Letters</i> , 2002, 43, 2573-2575.	1.4	37
26	Effusides I-V: 9,10-dihydrophenanthrene glucosides from <i>Juncus effusus</i> . <i>Phytochemistry</i> , 1995, 40, 533-535.	2.9	35
27	Bioactivity of Phenanthrenes from <i>Juncus acutus</i> on <i>Selenastrum capricornutum</i> . <i>Journal of Chemical Ecology</i> , 2004, 30, 867-879.	1.8	35
28	Phenylene metabolites from <i>Eichhornia crassipes</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 1992, 2, 311-314.	2.2	34
29	Three biologically active phenylpropanoid glucosides from <i>Myriophyllum verticillatum</i> . <i>Phytochemistry</i> , 1992, 31, 109-111.	2.9	32
30	Cinnamic Ester Derivatives from <i>Oxalis pes-caprae</i> (Bermuda Buttercup). <i>Journal of Natural Products</i> , 2007, 70, 1664-1667.	3.0	30
31	New C-23 modified of silybin and 2,3-dehydrosilybin: Synthesis and preliminary evaluation of antioxidant properties. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 4389-4392.	2.2	30
32	A bioactive dihydrodibenzoxepin from <i>Juncus effusus</i> . <i>Phytochemistry</i> , 1993, 34, 1182-1184.	2.9	29
33	Chemical fate and genotoxic risk associated with hypochlorite treatment of nicotine. <i>Science of the Total Environment</i> , 2012, 426, 132-138.	8.0	29
34	A new photoproduct of the drug furosemide in aqueous media. <i>Environmental Chemistry Letters</i> , 2004, 2, 155-158.	16.2	28
35	Structure-activity relationships of phenylpropanoids as growth inhibitors of the green alga <i>Selenastrum capricornutum</i> . <i>Phytochemistry</i> , 1992, 31, 4119-4123.	2.9	27
36	Cyanogenic Glycosides from <i>Sambucus Nigra</i> . <i>Natural Product Research</i> , 2000, 14, 175-182.	0.4	27

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37	New triterpenes from the leaves of <i>Olea europaea</i> . <i>Phytochemistry</i> , 1974, 13, 2825-2827.	2.9	26
38	Minor Bioactive Dihydrophenanthrenes from <i>Juncus effusus</i> . <i>Journal of Natural Products</i> , 1997, 60, 1265-1268.	3.0	26
39	Disinfection by-products and ecotoxic risk associated with hypochlorite treatment of irbesartan. <i>Science of the Total Environment</i> , 2020, 712, 135625.	8.0	25
40	Polyoxygenated oleanane triterpenes from hydrocotyle <i>ranunculoides</i> . <i>Phytochemistry</i> , 1993, 35, 201-204.	2.9	24
41	Benzocoumarins from the rhizomes of <i>Juncus acutus</i> . <i>Tetrahedron</i> , 2003, 59, 4821-4825.	1.9	24
42	(20S)-4 $\beta$ -methyl-24-methylenecholest-7-en-3 $\beta$ -ol, an allelopathic sterol from <i>Typha latifolia</i> . <i>Phytochemistry</i> , 1990, 29, 1797-1798.	2.9	23
43	Oleanane glycosides from <i>Hydrocotyle ranunculoides</i> . <i>Phytochemistry</i> , 1994, 36, 1479-1483.	2.9	23
44	Two endoperoxide diterpenes from <i>elodea canadensis</i> . <i>Tetrahedron Letters</i> , 1987, 28, 4609-4610.	1.4	22
45	Photooxygenation of furans in water and ionic liquid solutions. <i>Green Chemistry</i> , 2009, 11, 2030.	9.0	22
46	Biotransformations of progesterone by <i>Chlorella</i> spp.. <i>Phytochemistry</i> , 1996, 42, 685-688.	2.9	21
47	Biotransformation of sinapic acid by the green algae <i>Stichococcus bacillaris</i> 155LTAP and <i>Ankistrodesmus braunii</i> C202.7a. <i>Tetrahedron Letters</i> , 2003, 44, 2779-2780.	1.4	21
48	Irradiation of fluvastatin in water. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 189, 264-271.	3.9	21
49	Biotransformation of 5 $\beta$ -androstane-3,17-dione by microalgal cultures.. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1991, 1, 673-674.	2.2	19
50	Cycloartane glucosides from <i>juncus effusus</i> . <i>Phytochemistry</i> , 1994, 37, 515-519.	2.9	19
51	Antialgal Phenylpropane Glycerides from <i>Juncus Effusus</i> . <i>Natural Product Research</i> , 1998, 12, 263-270.	0.4	19
52	Structure Elucidation and Phytotoxicity of Ecdysteroids from <i>Chenopodium album</i> . <i>Chemistry and Biodiversity</i> , 2005, 2, 457-462.	2.1	19
53	Peracetic Acid vs. Sodium Hypochlorite: Degradation and Transformation of Drugs in Wastewater. <i>Molecules</i> , 2020, 25, 2294.	3.8	19
54	Triterpenes in husks of <i>Olea europaea</i> . <i>Phytochemistry</i> , 1974, 13, 1551-1552.	2.9	18

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55	Structures of new phenylphenalene-related compounds from <i>Eichhornia crassipes</i> (water hyacinth). <i>Tetrahedron</i> , 2009, 65, 8206-8208.	1.9	18
56	Bioconversion of 17 $\beta$ -hydroxy-17 $\alpha$ -methyl-androsta-1,4-dien-3-one and androsta-1,4-diene-3,17-dione in cultures of the green alga T76 <i>Scenedesmus quadricauda</i> . <i>Tetrahedron</i> , 1996, 52, 13981-13990.	1.9	17
57	Degraded cyanogenic glucosides from <i>Sambucus nigra</i> . <i>Tetrahedron Letters</i> , 2000, 41, 6507-6510.	1.4	17
58	Apteniols A-F, oxyneolignans from the leaves of <i>Aptenia cordifolia</i> . <i>Tetrahedron</i> , 2005, 61, 11924-11929.	1.9	17
59	Lignans by photo-oxidation of propenyl phenols. <i>Photochemical and Photobiological Sciences</i> , 2008, 7, 28-32.	2.9	17
60	Disinfection by-Products and Ecotoxic Risk Associated with Hypochlorite Treatment of Tramadol. <i>Molecules</i> , 2019, 24, 693.	3.8	17
61	Acylglycosyl sterols from <i>Pistia stratiotes</i> . <i>Phytochemistry</i> , 1991, 30, 2422-2424.	2.9	16
62	Biotransformation of progesterone by the green alga <i>Chlorella emersonii</i> C211-8h. <i>Phytochemistry</i> , 1996, 41, 1527-1529.	2.9	16
63	Enantioselective Synthesis of Phenylpropanetriols. <i>Synthetic Communications</i> , 1998, 28, 3693-3700.	2.1	16
64	Polycyclic compounds by sunlight exposure of the drug rosuvastatin in water. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 187, 263-268.	3.9	16
65	New Triterpenes from <i>Gymnema sylvestre</i> . <i>Helvetica Chimica Acta</i> , 2013, 96, 1036-1045.	1.6	16
66	Oxidation of diclofenac in water by sodium hypochlorite: Identification of new degradation by-products and their ecotoxicological evaluation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 194, 113762.	2.8	16
67	Terpenes in <i>Pistacia</i> plants: A possible defence role for monoterpenes against gall-forming aphids. <i>Phytochemistry</i> , 1982, 21, 2408-2410.	2.9	15
68	Polyprenols From the Leaves of <i>Quercus ilex</i> Infected By <i>Microsphaera alphitoides</i> . <i>Journal of Natural Products</i> , 1983, 46, 174-177.	3.0	15
69	Dimeric phenalene metabolites from <i>Eichhornia crassipes</i> . <i>Tetrahedron</i> , 1992, 48, 3971-3976.	1.9	15
70	Hydroperoxysterols in <i>Arum italicum</i> . <i>Natural Product Research</i> , 1994, 5, 7-14.	0.4	15
71	Dye-sensitized photooxygenation of sugar furans: novel bis-epoxide and spirocyclic C-nucleosides. <i>Tetrahedron</i> , 2008, 64, 6744-6748.	1.9	15
72	Revised structures of phenylphenalene derivatives from <i>Eichhornia crassipes</i> . <i>Tetrahedron Letters</i> , 2008, 49, 3268-3272.	1.4	15

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73	Phytotoxic Aromatic Constituents of <i>Oxalis pes-caprae</i> . Chemistry and Biodiversity, 2009, 6, 459-465.	2.1	15
74	Two New Lignan Glucosides from <i>Arum italicum</i> . Heterocycles, 1993, 36, 2081.	0.7	14
75	Two new monoterpenes from the bleed resin of <i>Pistacia vera</i> . Phytochemistry, 1982, 21, 811-812.	2.9	13
76	Phenolic Components of Olive Mill Waste-Waters. Natural Product Research, 2000, 14, 429-434.	0.4	13
77	A biogenetically new tetraterpene alcohol from <i>elodea canadensis</i> . Tetrahedron Letters, 1984, 25, 2597-2600.	1.4	11
78	Acetogenins from the aquatic plant <i>Elodea canadensis</i> . Phytochemistry, 1985, 24, 1838-1840.	2.9	11
79	Oxygenated fatty acids from <i>Lemna trisulca</i> . Phytochemistry, 1987, 26, 745-747.	2.9	11
80	Polyprenols and hydroxylated lycopersenes from <i>Myriophyllum verticillatum</i> . Phytochemistry, 1988, 27, 887-890.	2.9	11
81	Rearrangements of Exogenous 17 $\beta$ -Hydroxy-17 $\alpha$ -methylandrosta-1,4-dien-3-one in Cultures of the Green Alga T76 <i>Scenedesmus quadricauda</i> . Journal of Organic Chemistry, 1996, 61, 7178-7179.	3.2	11
82	Regiodivergent synthesis of trisubstituted furans through Tf <sub>2</sub> O-catalyzed Friedel-Crafts acylation: a tool for access to tetrahydrofuranlignan analogues. Organic and Biomolecular Chemistry, 2012, 10, 1219-1224.	2.8	11
83	Fatty acid composition in <i>Lemna minor</i> -characterization of a novel hydroxy C16 acid. Phytochemistry, 1983, 22, 1445-1446.	2.9	10
84	9,10-Dihydrophenanthrene Glucosides from <i>Juncus effusus</i> . Natural Product Research, 1995, 6, 111-117.	0.4	10
85	Prednisolone biotransformation by the green alga T76 <i>Scenedesmus quadricauda</i> . Tetrahedron, 1997, 53, 8273-8280.	1.9	10
86	Solid-State Photodimerization of Steroid Enones. Journal of Organic Chemistry, 2002, 67, 9011-9015.	3.2	10
87	A new xyloside from <i>Chenopodium album</i> . Natural Product Research, 2005, 19, 87-90.	1.8	10
88	Dimeric phenanthrenoids from <i>Juncus acutus</i> . Natural Product Research, 2005, 19, 69-74.	1.8	10
89	Phenyl Cinnamate Derivatives from <i>Oxalis pes-caprae</i> . Chemistry and Biodiversity, 2008, 5, 2408-2414.	2.1	10
90	Sildenafil and tadalafil in simulated chlorination conditions: Ecotoxicity of drugs and their derivatives. Science of the Total Environment, 2013, 463-464, 366-373.	8.0	10

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91	Sterols and fatty acids of the freshwater <i>Myriophyllum verticillatum</i> . <i>Phytochemistry</i> , 1989, 28, 629-631.	2.9	9
92	A bioactive benzoinone from <i>Eichhornia crassipes</i> solms. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1991, 1, 599-600.	2.2	9
93	Ranucoside VII - A New Oleanane Glycoside From <i>Hydrocotyle ranunculoides</i> . <i>Natural Product Research</i> , 1995, 6, 95-102.	0.4	9
94	New Acylated Oleanane and Lupane Triterpenes from <i>Gymnema sylvestre</i> . <i>Helvetica Chimica Acta</i> , 2013, 96, 2200-2206.	1.6	9
95	A steroid from <i>Pistia stratiotes</i> . <i>Phytochemistry</i> , 1991, 30, 2420-2422.	2.9	8
96	New oxygenated sterols from the weed <i>Eichhornia crassipes</i> solms. <i>Tetrahedron</i> , 1991, 47, 7129-7134.	1.9	8
97	Synthesis of New Silybin Derivatives and Evaluation of Their Antioxidant Properties. <i>Helvetica Chimica Acta</i> , 2015, 98, 399-409.	1.6	8
98	Further Oxygenated Fatty Acids from <i>Lemna minor</i> . <i>Journal of Natural Products</i> , 1987, 50, 807-810.	3.0	7
99	Prephytoene alcohol from <i>Myriophyllum verticillatum</i> . <i>Phytochemistry</i> , 1988, 27, 2355-2357.	2.9	7
100	Regiospecific reduction of adrenosterone to 11-ketotestosterone by microalga T76 <i>Scenedesmus quadricauda</i> . <i>Biotechnology Letters</i> , 1996, 18, 639-642.	2.2	7
101	Solid-State Photodimerization of 16-Dehydroprogesterone. <i>Journal of Organic Chemistry</i> , 1999, 64, 8976-8978.	3.2	7
102	Amoxicillin in Water: Insights into Relative Reactivity, Byproduct Formation, and Toxicological Interactions during Chlorination. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1076.	2.5	7
103	Degraded Phenalene Metabolites In <i>Eichhornia Crassipes</i> . <i>Natural Product Research</i> , 1993, 1, 233-238.	0.4	6
104	Juncoside I, a New Cycloartanelactone Glucoside from <i>Juncus effusus</i> . <i>Natural Product Research</i> , 1994, 4, 183-188.	0.4	6
105	Tetrahydropyrene Glucosides from <i>Juncus effusus</i> . <i>Natural Product Research</i> , 1995, 7, 85-92.	0.4	6
106	A new aromatic component from <i>Oxalis pes-caprae</i> . <i>Natural Product Research</i> , 2010, 24, 958-961.	1.8	6
107	Synthesis of Degraded Cyanogenic Glycosides From <i>Sambucus Nigra</i> . <i>Natural Product Research</i> , 2003, 17, 177-181.	1.8	5
108	Investigation on the phototransformation of tadalafil in aqueous media. 6-Epimerization vs. solvent trapping reaction. <i>Photochemical and Photobiological Sciences</i> , 2010, 9, 1139-1144.	2.9	5

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109	A linear diterpene diol from Lemna minor. <i>Phytochemistry</i> , 1984, 23, 194-195.	2.9	4
110	Solid-State Photodimerization of Cholest-4-en-3-one. <i>Journal of Organic Chemistry</i> , 2001, 66, 2057-2060.	3.2	4
111	Phototransformation of the drug trazodone in aqueous solution. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 199, 353-357.	3.9	4
112	Phototransformation of the drug rivastigmine: Photoinduced cleavage of benzyl-nitrogen sigma bond. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012, 239, 1-6.	3.9	3
113	A mild approach to diarylfuranones via functionalized 2-arylfurans. <i>Tetrahedron</i> , 2013, 69, 4725-4730.	1.9	3
114	LC and NMR Studies for Identification and Characterization of Degradation Byproducts of Olmesartan Acid, Elucidation of Their Degradation Pathway and Ecotoxicity Assessment. <i>Molecules</i> , 2021, 26, 1769.	3.8	3
115	Synthesis of dimeric phenylethanoids isolated from olive oil mill wastewaters. <i>Natural Product Research</i> , 2006, 20, 792-797.	1.8	2
116	Photoreactivity of triazolopyridinones, including the drug trazodone, in aqueous solution. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2009, 206, 198-204.	3.9	2
117	Secondary Effects of Hypochlorite Treatment on the Emerging Pollutant Candesartan: The Formation of Degradation Byproducts and Their Toxicological Profiles. <i>Molecules</i> , 2021, 26, 3422.	3.8	2
118	Complete Characterization of Degradation Byproducts of Olmesartan Acid, Degradation Pathway, and Ecotoxicity Assessment. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5393.	2.5	1