

# Alessandra Cona

## List of Publications by Year in descending order

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42  
papers

2,180  
citations

304743

22  
h-index

265206

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g-index

42  
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42  
docs citations

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times ranked

2065  
citing authors

#	ARTICLE	IF	CITATIONS
1	Arabidopsis N-acetyltransferase activity 2 preferentially acetylates 1,3-diaminopropane and thialysine. <i>Plant Physiology and Biochemistry</i> , 2022, 170, 123-132.	5.8	3
2	Plant Copper Amine Oxidases: Key Players in Hormone Signaling Leading to Stress-Induced Phenotypic Plasticity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5136.	4.1	23
3	A New Player in Jasmonate-Mediated Stomatal Closure: The Arabidopsis thaliana Copper Amine Oxidase $\hat{1}^2$ . <i>Cells</i> , 2021, 10, 3399.	4.1	4
4	Developmental, hormone- and stress-modulated expression profiles of four members of the Arabidopsis copper-amine oxidase gene family. <i>Plant Physiology and Biochemistry</i> , 2020, 147, 141-160.	5.8	22
5	Mutation of Arabidopsis Copper-Containing Amine Oxidase Gene AtCuAO $\hat{1}$ Alters Polyamines, Reduces Gibberellin Content and Affects Development. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7789.	4.1	8
6	Leaf-Wounding Long-Distance Signaling Targets AtCuAO $\hat{1}^2$ Leading to Root Phenotypic Plasticity. <i>Plants</i> , 2020, 9, 249.	3.5	13
7	The Copper Amine Oxidase AtCuAO $\hat{1}$ Participates in Abscisic Acid-Induced Stomatal Closure in Arabidopsis. <i>Plants</i> , 2019, 8, 183.	3.5	29
8	The Four FAD-Dependent Histone Demethylases of Arabidopsis Are Differently Involved in the Control of Flowering Time. <i>Frontiers in Plant Science</i> , 2019, 10, 669.	3.6	21
9	Maize polyamine oxidase in the presence of spermine/spermidine induces the apoptosis of LoVo human colon adenocarcinoma cells. <i>International Journal of Oncology</i> , 2019, 54, 2080-2094.	3.3	12
10	Determination of Copper Amine Oxidase Activity in Plant Tissues. <i>Methods in Molecular Biology</i> , 2018, 1694, 129-139.	0.9	5
11	Stress-Triggered Long-Distance Communication Leads to Phenotypic Plasticity: The Case of the Early Root Protoxylem Maturation Induced by Leaf Wounding in Arabidopsis. <i>Plants</i> , 2018, 7, 107.	3.5	9
12	The Arabidopsis polyamine oxidase/dehydrogenase 5 interferes with cytokinin and auxin signaling pathways to control xylem differentiation. <i>Journal of Experimental Botany</i> , 2017, 68, 997-1012.	4.8	33
13	Copper-Containing Amine Oxidases and FAD-Dependent Polyamine Oxidases Are Key Players in Plant Tissue Differentiation and Organ Development. <i>Frontiers in Plant Science</i> , 2016, 7, 824.	3.6	120
14	Cell Wall Amine Oxidases: New Players in Root Xylem Differentiation under Stress Conditions. <i>Plants</i> , 2015, 4, 489-504.	3.5	21
15	The Apoplastic Copper AMINE OXIDASE1 Mediates Jasmonic Acid-Induced Protoxylem Differentiation in Arabidopsis Roots. <i>Plant Physiology</i> , 2015, 168, 690-707.	4.8	41
16	POLYAMINE OXIDASE2 of Arabidopsis contributes to ABA mediated plant developmental processes. <i>Plant Physiology and Biochemistry</i> , 2015, 96, 231-240.	5.8	19
17	The MeJA-inducible copper amine oxidase $\langle i \rangle$ AtAO1 $\langle /i \rangle$ is expressed in xylem tissue and guard cells. <i>Plant Signaling and Behavior</i> , 2015, 10, e1073872.	2.4	15
18	Wound healing response and xylem differentiation in tobacco plants over-expressing a fungal endopolygalacturonase is mediated by copper amine oxidase activity. <i>Plant Physiology and Biochemistry</i> , 2014, 82, 54-65.	5.8	12

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19	Polyamine catabolism: target for antiproliferative therapies in animals and stress tolerance strategies in plants. <i>Amino Acids</i> , 2012, 42, 411-426.	2.7	130
20	Perturbation of Polyamine Catabolism Can Strongly Affect Root Development and Xylem Differentiation. <i>Plant Physiology</i> , 2011, 157, 200-215.	4.8	96
21	Does polyamine catabolism influence root development and xylem differentiation under stress conditions?. <i>Plant Signaling and Behavior</i> , 2011, 6, 1844-1847.	2.4	20
22	Plant amine oxidases – on the move – An update. <i>Plant Physiology and Biochemistry</i> , 2010, 48, 560-564.	5.8	174
23	Synthesis of New Linear Guanidines and Macrocyclic Amidinourea Derivatives Endowed with High Antifungal Activity against <i>Candida</i> spp. and <i>Aspergillus</i> spp.. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 7376-7379.	6.4	55
24	Synthesis and Biological Evaluation of Guanidino Compounds Endowed with Subnanomolar Affinity as Competitive Inhibitors of Maize Polyamine Oxidase. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 4774-4785.	6.4	9
25	Involvement of Polyamine Oxidase in Wound Healing. <i>Plant Physiology</i> , 2008, 146, 162-177.	4.8	112
26	Wound healing in plants. <i>Plant Signaling and Behavior</i> , 2008, 3, 204-206.	2.4	34
27	Functions of amine oxidases in plant development and defence. <i>Trends in Plant Science</i> , 2006, 11, 80-88.	8.8	548
28	Inhibition of polyamine and spermine oxidases by polyamine analogues. <i>FEBS Journal</i> , 2006, 273, 1115-1123.	4.7	60
29	Barley polyamine oxidase isoforms 1 and 2, a peculiar case of gene duplication. <i>FEBS Journal</i> , 2006, 273, 3990-4002.	4.7	22
30	Histaminase PEGylation: Preparation and characterization of a new bioconjugate for therapeutic application. <i>Journal of Controlled Release</i> , 2006, 115, 168-174.	9.9	28
31	Flavin-containing polyamine oxidase is a hydrogen peroxide source in the oxidative response to the protein phosphatase inhibitor cantharidin in <i>Zea mays</i> L.. <i>Journal of Experimental Botany</i> , 2006, 57, 2277-2289.	4.8	55
32	Cellular re-distribution of flavin-containing polyamine oxidase in differentiating root and mesocotyl of <i>Zea mays</i> L. seedlings. <i>Planta</i> , 2005, 221, 265-276.	3.2	34
33	Lys300 Plays a Major Role in the Catalytic Mechanism of Maize Polyamine Oxidase. <i>Biochemistry</i> , 2005, 44, 16108-16120.	2.5	48
34	Molecular Basis for the Binding of Competitive Inhibitors of Maize Polyamine Oxidase. <i>Biochemistry</i> , 2004, 43, 3426-3435.	2.5	46
35	Polyamine Oxidase, a Hydrogen Peroxide-Producing Enzyme, Is Up-Regulated by Light and Down-Regulated by Auxin in the Outer Tissues of the Maize Mesocotyl. <i>Plant Physiology</i> , 2003, 131, 803-813.	4.8	102
36	A barley polyamine oxidase isoform with distinct structural features and subcellular localization. <i>FEBS Journal</i> , 2001, 268, 3816-3830.	0.2	59

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37	Photosystem II core phosphorylation heterogeneity and the regulation of electron transfer in higher plants: a review. <i>Bioelectrochemistry</i> , 1995, 38, 67-75.	1.0	13
38	Dynamics of Photosystem II Core Phosphorylation Heterogeneity. <i>Giornale Botanico Italiano</i> (Florence, Italy: 1962), 1995, 129, 1061-1062.	0.0	1
39	Xanthophyll cycle components and capacity for non-radiative energy dissipation in sun and shade leaves of <i>Ligustrum ovalifolium</i> exposed to conditions limiting photosynthesis. <i>Photosynthesis Research</i> , 1994, 41, 451-463.	2.9	58
40	Polyamine oxidase bound to cell walls from <i>Zea mays</i> seedlings. <i>Phytochemistry</i> , 1992, 31, 2955-2957.	2.9	10
41	Characterization of maize polyamine oxidase. <i>Phytochemistry</i> , 1990, 29, 2411-2414.	2.9	49
42	Purification of Polyamine Oxidase from Maize Seedlings by Immunoabsorbent Column. <i>Advances in Experimental Medicine and Biology</i> , 1988, 250, 617-623.	1.6	7