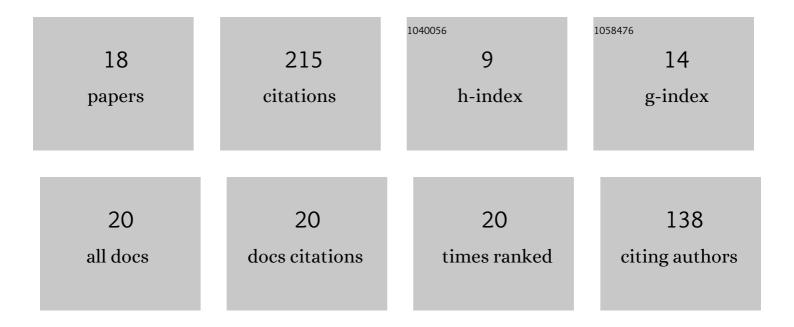
## Maria A Breygina

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2676463/publications.pdf Version: 2024-02-01



MADIA A RDEVCINA

#	Article	IF	CITATIONS
1	Hydrogen peroxide affects ion channels in lily pollen grain protoplasts. Plant Biology, 2016, 18, 761-767.	3.8	26
2	The role of reactive oxygen species in pollen germination in Picea pungens (blue spruce). Plant Reproduction, 2018, 31, 357-365.	2.2	26
3	Membrane potential changes during pollen germination and tube growth. Cell and Tissue Biology, 2009, 3, 573-582.	0.4	20
4	Ni2+ effects on Nicotiana tabacum L. pollen germination and pollen tube growth. BioMetals, 2012, 25, 1221-1233.	4.1	20
5	ROS and Ions in Cell Signaling during Sexual Plant Reproduction. International Journal of Molecular Sciences, 2020, 21, 9476.	4.1	20
6	Redox-regulation of ion homeostasis in growing lily pollen tubes. Journal of Plant Physiology, 2019, 243, 153050.	3.5	18
7	The role of Clâ^' in pollen germination and tube growth. Russian Journal of Developmental Biology, 2009, 40, 157-164.	0.5	15
8	Pollen Germination and Pollen Tube Growth in Gymnosperms. Plants, 2021, 10, 1301.	3.5	13
9	Transmembrane transport of K+ and Clâ^ during pollen grain activation in vivo and in vitro. Russian Journal of Developmental Biology, 2012, 43, 85-93.	0.5	9
10	Bipolar pollen germination in blue spruce (Picea pungens). Protoplasma, 2019, 256, 941-949.	2.1	9
11	Effects of anion channel blockers NPPB and DIDS on tobacco pollen tube growth and its mitochondria state. Cell and Tissue Biology, 2010, 4, 289-296.	0.4	7
12	Oxygen radicals and cytoplasm zoning in growing lily pollen tubes. Plant Reproduction, 2021, 34, 103-115.	2.2	7
13	The Balance between Different ROS on Tobacco Stigma during Flowering and Its Role in Pollen Germination. Plants, 2022, 11, 993.	3.5	7
14	Hydrogen peroxide in tobacco stigma exudate affects pollen proteome and membrane potential in pollen tubes. Plant Biology, 2021, 23, 592-602.	3.8	6
15	Dynamics of endogenous levels and subcellular localization of ABA and cytokinins during pollen germination in spruce and tobacco. Protoplasma, 2023, 260, 237-248.	2.1	5
16	Dynamics of Pollen Activation and the Role of H+-ATPase in Pollen Germination in Blue Spruce (Picea) Tj ETQq0	003gBT/C	Overlock 10 Tf
17	Periplasmic multilamellar membranous structures in Nicotiana tabacum L. pollen grains treated with Ni2+ or Cu2+. Protoplasma, 2014, 251, 1521-1525.	2.1	3

<sup>18</sup>Effects of Ni2+ and Cu2+ on K+ and H+ currents in lily pollen protoplasts. Functional Plant Biology,<br/>2017, 44, 1171.2.10