Svetlana Polevova

List of Publications by Year
in descending order

43	350	933264	887953
papers	citations	10 h-index	17 g-index

43	43	43	442
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pollen wall and tapetal development in CymbalariaÂmuralis: the role of physical processes, evidenced by in vitro modelling. Protoplasma, 2023, 260, 281-298.	1.0	3
2	Assessment of ITS1, ITS2, 5â€²-ETS, and trnL-F DNA Barcodes for Metabarcoding of Poaceae Pollen. Diversity, 2022, 14, 191.	0.7	10
3	REAL-TIME POLLEN MONITORING. , 2022, , .		0
4	ELECTRON ENERGY LOSS SPECTROSCOPY, EELS IN THE STUDY OF THE SILICA CONTENT IN THE ISOETES SPORODERM ISOETES ECHINOSPORA DURIEU. , 2022, , .		0
5	MECHANISMS IN MORPHOGENESIS: A RECONSIDERATION OF POLLEN WALL DEVELOPMENT IN REMOTE TAXA THROUGH the â€œWINDOWâ€•of COLLOIDAL BIOLOGY, BASED ON IN VITRO MODELLING. , 2022, , .		0
6	Pollen wall development in Hydrangea bretschneiderii Dippel. (Hydrangeaceae): advanced interpretation through physical input, with in vitro experimental verification. Protoplasma, 2021, 258, 431-447.	1.0	3
7	Underlying mechanisms of development: pollen wall ontogeny inChloranthus japonicusand a reconsideration of pollen ontogeny in early-diverging lineages of angiosperms. Botanical Journal of the Linnean Society, 2021, 196, 221-241.	0.8	1
8	Palynological study of Asian Thismia (Thismiaceae: Dioscoreales) reveals an unusual pollen type. Plant Systematics and Evolution, 2021, 307, 1.	0.3	3
9	Three Aquilapollenites species from the late Maastrichtian of China: New data and comparisons. Review of Palaeobotany and Palynology, 2020, 282, 104288.	0.8	3
10	Further Interpretation of Wodehouseia spinata Stanley from the Late Maastrichtian of the Far East (China). Paleontological Journal, 2019, 53, 203-213.	0.2	1
11	Sporoderm ultrastructure and development in Aristolochia manshuriensis Komarov (Aristolochiaceae). Grana, 2019, 58, 337-349.	0.4	2
12	Bipolar pollen germination in blue spruce (Picea pungens). Protoplasma, 2019, 256, 941-949.	1.0	9
13	The Stages of Gametophyte and Sporoderm Development in Pollen Grains. Paleontological Journal, 2019, 53, 795-798.	0.2	0
14	Suggested mechanisms underlying pollen wall development in Ambrosia trifida (Asteraceae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 T	1.0	6
15	Assembling the thickest plant cell wall: exine development in Echinops (Asteraceae, Cynareae). Planta, 2018, 248, 323-346.	1.6	11
16	Peristome development pattern in Encalypta poses a problem: what is the primary peristomial layer in mosses?. Arctoa, 2018, 27, 1-17.	0.3	6
17	Pollen wall and tapetum development inPlantago majorL. (Plantaginaceae): assisting self-assembly. Grana, 2017, 56, 81-111.	0.4	17
18	Development of heterocolpate pollen in Myosotis scorpioides L.(Cynoglosseae, Boraginaceae). Grana, 2017, 56, 368-376.	0.4	3

#	Article	IF	Citations
19	Botany-collection.bio.msu.ru: Information system on plant morphology and anatomy. Moscow University Biological Sciences Bulletin, 2016, 71, 126-127.	0.1	1
20	Andreaeobryum macrosporum (Andreaeobryopsida) in Russia, with additional data on its morphology. Arctoa, 2016, 25, 1-51.	0.3	10
21	Ultrastructure and development of sporoderm in Aristolochia clematitis (Aristolochiaceae). Review of Palaeobotany and Palynology, 2015, 222, 104-115.	0.8	5
22	Sporoderm ultrastructure of Oedipodium griffithianum (Oedipodiopsida, Bryophyta). Arctoa, 2015, 24, 419-430.	0.3	5
23	Important stages in the development of different layers and areas of sporoderm in angiosperms. Paleontological Journal, 2014, 48, 1324-1329.	0.2	0
24	Sporoderm and tapetum ontogeny in Juniperus communis (Cupressaceae). Connective structures between tapetum and microspores. Review of Palaeobotany and Palynology, 2014, 206, 23-44.	0.8	10
25	The fine morphology of pollen grains from the pollen chamber of a supposed ginkgoalean seed from the Middle Jurassic of Uzbekistan (Angren locality). Plant Systematics and Evolution, 2014, 300, 1995-2008.	0.3	13
26	Periplasmic multilamellar membranous structures in Nicotiana tabacum L. pollen grains treated with Ni2+ or Cu2+. Protoplasma, 2014, 251, 1521-1525.	1.0	3
27	Structural basis of harmomegathy: evidence from Boraginaceae pollen. Plant Systematics and Evolution, 2013, 299, 1769-1779.	0.3	27
28	Morphology and ultrastructure of modern and fossil spores in order Schizaeales schimp. Moscow University Biological Sciences Bulletin, 2013, 68, 221-226.	0.1	1
29	Morphology and ultrasctructure of spores Klukia tyganensis Krassilov (Schizaeaceae, Filicales) from the Berriassian of the Tyrma Depression (Russian Far East). Paleontological Journal, 2013, 47, 439-453.	0.2	1
30	Ni2+ effects on Nicotiana tabacum L. pollen germination and pollen tube growth. BioMetals, 2012, 25, 1221-1233.	1.8	20
31	Sporopollenin accumulation in Nicotiana tabacum L. microspore wall during its development. Cell and Tissue Biology, 2012, 6, 293-301.	0.2	4
32	Sporoderm ultrastructure in Anthoceros agrestis Paton. Arctoa, 2012, 21, 63-69.	0.3	3
33	The ultrastructure of fossil dispersed monosulcate pollen from the Early Cretaceous of Transbaikalia, Russia. Grana, 2011, 50, 182-201.	0.4	16
34	Exine and tapetum development in Symphytum officinale (Boraginaceae). Exine substructure and its interpretation. Plant Systematics and Evolution, 2011, 296, 101-120.	0.3	24
35	Pollen morphology, ultrastructure and taphonomy of the Neuradaceae with special reference to Neurada procumbens L. and Grielum humifusum E.Mey. ex Harv. et Sond.. Review of Palaeobotany and Palynology, 2010, 160, 163-171.	0.8	5
36	The formation of a quaternary structure by recombinant analogs of spider silk proteins. Molecular Biology, 2010, 44, 150-157.	0.4	8

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37	Sources, impact and exchange of early-spring birch pollen in the Moscow region and Finland. Aerobiologia, 2008, 24, 211-230.	0.7	64
38	Chapter 7.4 On influence of long-range transport of pollen grains onto pollinating seasons. Developments in Environmental Science, 2007, 6, 708-716.	0.5	6
39	Spores in situ and problems of the classification of Mesozoic tree ferns. Paleontological Journal, 2007, 41, 312-318.	0.2	7
40	On some peculiarities of sporoderm structure in members of the Cycadales and Ginkgoales. Paleontological Journal, 2007, 41, 1162-1178.	0.2	23
41	Review of the sporoderm ultrastructure of members of the Asterales. Paleontological Journal, 2006, 40, S656-S663.	0.2	8
42	Development of Pollen Grain Walls and Accumulation of Sporopollenin. Russian Journal of Plant Physiology, 2003, 50, 330-338.	0.5	8
43	Silicon in sporoderms of micro- and megaspores of Isoetes echinospora Durieu registered by EDS and EELS. Protoplasma, 0, , .	1.0	0