Svetlana Polevova

List of Publications by Year
in descending order

43 papers	350 citations	933264 10 h-index	887953 17 g-index
43 all docs	43 docs citations	43 times ranked	442 citing authors

#	Article	IF	Citations
1	Sources, impact and exchange of early-spring birch pollen in the Moscow region and Finland. Aerobiologia, 2008, 24, 211-230.	0.7	64
2	Structural basis of harmomegathy: evidence from Boraginaceae pollen. Plant Systematics and Evolution, 2013, 299, 1769-1779.	0.3	27
3	Exine and tapetum development in Symphytum officinale (Boraginaceae). Exine substructure and its interpretation. Plant Systematics and Evolution, 2011, 296, 101-120.	0.3	24
4	On some peculiarities of sporoderm structure in members of the Cycadales and Ginkgoales. Paleontological Journal, 2007, 41, 1162-1178.	0.2	23
5	Ni2+ effects on Nicotiana tabacum L. pollen germination and pollen tube growth. BioMetals, 2012, 25, 1221-1233.	1.8	20
6	Pollen wall and tapetum development in<i>Plantago major</i>L. (Plantaginaceae): assisting self-assembly. Grana, 2017, 56, 81-111.	0.4	17
7	The ultrastructure of fossil dispersed monosulcate pollen from the Early Cretaceous of Transbaikalia, Russia. Grana, 2011, 50, 182-201.	0.4	16
8	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
9	Assembling the thickest plant cell wall: exine development in Echinops (Asteraceae, Cynareae). Planta, 2018, 248, 323-346.	1.6	11
10	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
11	Andreaeobryum macrosporum (Andreaeobryopsida) in Russia, with additional data on its morphology. Arctoa, 2016, 25, 1-51.	0.3	10
12	Assessment of ITS1, ITS2, 5â€²-ETS, and trnL-F DNA Barcodes for Metabarcoding of Poaceae Pollen. Diversity, 2022, 14, 191.	0.7	10
13	Bipolar pollen germination in blue spruce (Picea pungens). Protoplasma, 2019, 256, 941-949.	1.0	9
14	Development of Pollen Grain Walls and Accumulation of Sporopollenin. Russian Journal of Plant Physiology, 2003, 50, 330-338.	0.5	8
15	Review of the sporoderm ultrastructure of members of the Asterales. Paleontological Journal, 2006, 40, S656-S663.	0.2	8
16	The formation of a quaternary structure by recombinant analogs of spider silk proteins. Molecular Biology, 2010, 44, 150-157.	0.4	8
17	Spores in situ and problems of the classification of Mesozoic tree ferns. Paleontological Journal, 2007, 41, 312-318.	0.2	7
18	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

#	Article	IF	Citations
19	Suggested mechanisms underlying pollen wall development in Ambrosia trifida (Asteraceae:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	1.0	6
20	Peristome development pattern in Encalypta poses a problem: what is the primary peristomial layer in mosses?. Arctoa, 2018, 27, 1-17.	0.3	6
21	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
22	Ultrastructure and development of sporoderm in Aristolochia clematitis (Aristolochiaceae). Review of Palaeobotany and Palynology, 2015, 222, 104-115.	0.8	5
23	Sporoderm ultrastructure of Oedipodium griffithianum (Oedipodiopsida, Bryophyta). Arctoa, 2015, 24, 419-430.	0.3	5
24	Sporopollenin accumulation in Nicotiana tabacum L. microspore wall during its development. Cell and Tissue Biology, 2012, 6, 293-301.	0.2	4
25	Periplasmic multilamellar membranous structures in Nicotiana tabacum L. pollen grains treated with Ni2+ or Cu2+. Protoplasma, 2014, 251, 1521-1525.	1.0	3
26	Development of heterocolpate pollen in Myosotis scorpioides L.(Cynoglosseae, Boraginaceae). Grana, 2017, 56, 368-376.	0.4	3
27	Three Aquilapollenites species from the late Maastrichtian of China: New data and comparisons. Review of Palaeobotany and Palynology, 2020, 282, 104288.	0.8	3
28	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
29	Palynological study of Asian Thismia (Thismiaceae: Dioscoreales) reveals an unusual pollen type. Plant Systematics and Evolution, 2021, 307, 1.	0.3	3
30	Sporoderm ultrastructure in Anthoceros agrestis Paton. Arctoa, 2012, 21, 63-69.	0.3	3
31	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
32	Sporoderm ultrastructure and development in <i>Aristolochia manshuriensis</i> Komarov (Aristolochiaceae). Grana, 2019, 58, 337-349.	0.4	2
33	Morphology and ultrastructure of modern and fossil spores in order Schizaeales schimp. Moscow University Biological Sciences Bulletin, 2013, 68, 221-226.	0.1	1
34	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
35	Botany-collection.bio.msu.ru: Information system on plant morphology and anatomy. Moscow University Biological Sciences Bulletin, 2016, 71, 126-127.	0.1	1
36	Further Interpretation of Wodehouseia spinata Stanley from the Late Maastrichtian of the Far East (China). Paleontological Journal, 2019, 53, 203-213.	0.2	1

#	ARTICLE	IF	CITATIONS
37	Underlying mechanisms of development: pollen wall ontogeny in<i>Chloranthus japonicus</i>and a reconsideration of pollen ontogeny in early-diverging lineages of angiosperms. Botanical Journal of the Linnean Society, 2021, 196, 221-241.	0.8	1
38	Important stages in the development of different layers and areas of sporoderm in angiosperms. Paleontological Journal, 2014, 48, 1324-1329.	0.2	0
39	The Stages of Gametophyte and Sporoderm Development in Pollen Grains. Paleontological Journal, 2019, 53, 795-798.	0.2	0
40	REAL-TIME POLLEN MONITORING. , 2022, , .		0
41	ELECTRON ENERGY LOSS SPECTROSCOPY, EELS IN THE STUDY OF THE SILICA CONTENT IN THE ISOETES SPORODERM ISOETES ECHINOSPORA DURIEU. , 2022, , .		0
42	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
43	Silicon in sporoderms of micro- and megaspores of Isoetes echinospora Durieu registered by EDS and EELS. Protoplasma, 0, , .	1.0	0