

# Gerald S Pullman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11755945/publications.pdf>

Version: 2024-02-01

36  
papers

1,039  
citations

331259

21  
h-index

414034

32  
g-index

37  
all docs

37  
docs citations

37  
times ranked

711  
citing authors

#	ARTICLE	IF	CITATIONS
1	Seed Cryopreservation, Germination, and Micropropagation of Eastern Turkeybeard, <i>Xerophyllum asphodeloides</i> (L.) Nutt.: A Threatened Species from the Southeastern United States. <i>Plants</i> , 2021, 10, 1462.	1.6	5
2	Fraser Fir ( <i>Abies fraseri</i> [Pursh] Poir.). <i>Forestry Sciences</i> , 2018, , 33-47.	0.4	2
3	Embryogenic Tissue Initiation in Loblolly Pine ( <i>Pinus taeda</i> L.). <i>Forestry Sciences</i> , 2018, , 13-31.	0.4	6
4	Fraser fir somatic embryogenesis: high frequency initiation, maintenance, embryo development, germination and cryopreservation. <i>New Forests</i> , 2016, 47, 453-480.	0.7	29
5	Conifer somatic embryogenesis: improvements by supplementation of medium with oxidation-reduction agents. <i>Tree Physiology</i> , 2015, 35, 209-224.	1.4	36
6	Pine somatic embryogenesis: analyses of seed tissue and medium to improve protocol development. <i>New Forests</i> , 2014, 45, 353-377.	0.7	45
7	Seed Cryostorage and Micropropagation of Georgia Aster, <i>Symphytotrichum georgianum</i> (Alexander) Nesom: A Threatened Species from the Southeastern United States. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2013, 48, 750-755.	0.5	1
8	<i>Myo</i> inositol hexakisphosphate, isolated from female gametophyte tissue of loblolly pine, inhibits growth of early stage somatic embryos. <i>New Phytologist</i> , 2012, 193, 313-326.	3.5	3
9	Germination In Vitro, Micropropagation, and Cryogenic Storage for Three Rare Pitcher Plants: <i>Sarracenia oreophila</i> (Kearney) Wherry (Federally Endangered), <i>S. leucophylla</i> Raf., and <i>S. purpurea</i> spp. <i>venosa</i> (Raf.) Wherry. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2012, 47, 74-80.	0.5	9
10	Pine Somatic Embryogenesis Using Zygotic Embryos as Explants. <i>Methods in Molecular Biology</i> , 2011, 710, 267-291.	0.4	23
11	Loblolly pine ( <i>Pinus taeda</i> ) female gametophyte and embryo pH changes during seed development. <i>Tree Physiology</i> , 2009, 29, 829-836.	1.4	9
12	Osmotic measurements in whole megagametophytes and embryos of loblolly pine ( <i>Pinus taeda</i> ) during seed development. <i>Tree Physiology</i> , 2009, 29, 819-827.	1.4	13
13	Douglas fir embryogenic tissue initiation. <i>Plant Cell, Tissue and Organ Culture</i> , 2009, 96, 75-84.	1.2	34
14	Isolation and characterization of a molecule stimulatory to growth of somatic embryos from early stage female gametophyte tissue of loblolly pine. <i>Plant Cell Reports</i> , 2008, 27, 633-646.	2.8	13
15	Evidence for stage-specific modulation of specific microRNAs (miRNAs) and miRNA processing components in zygotic embryo and female gametophyte of loblolly pine ( <i>Pinus taeda</i> ). <i>New Phytologist</i> , 2008, 179, 67-80.	3.5	75
16	Conifer embryogenic tissue initiation: improvements by supplementation of medium with D-xylose and D-chiro-inositol. <i>Tree Physiology</i> , 2008, 29, 147-156.	1.4	22
17	Identification and quantitative analysis of stage-specific carbohydrates in loblolly pine ( <i>Pinus taeda</i> ) zygotic embryo and female gametophyte tissues. <i>Tree Physiology</i> , 2008, 28, 985-996.	1.4	30
18	The cellular and molecular biology of conifer embryogenesis. <i>New Phytologist</i> , 2007, 176, 511-536.	3.5	121

#	ARTICLE	IF	CITATIONS
19	Improved somatic embryo maturation in loblolly pine by monitoring ABA-responsive gene expression. <i>Plant Cell Reports</i> , 2007, 26, 133-143.	2.8	29
20	Liquid medium and liquid overlays improve embryogenic tissue initiation in conifers. <i>Plant Cell Reports</i> , 2007, 26, 873-887.	2.8	44
21	Loblolly pine ( <i>Pinus taeda</i> L.) somatic embryogenesis: Improvements in embryogenic tissue initiation by supplementation of medium with organic acids, Vitamins B12 and E. <i>Plant Science</i> , 2006, 170, 648-658.	1.7	37
22	Identification and quantitative analysis of stage-specific organic acids in loblolly pine ( <i>Pinus taeda</i> L.) zygotic embryo and female gametophyte. <i>Plant Science</i> , 2006, 170, 634-647.	1.7	13
23	Expressed Sequence Tags from loblolly pine embryos reveal similarities with angiosperm embryogenesis. <i>Plant Molecular Biology</i> , 2006, 62, 485-501.	2.0	69
24	Gibberellin inhibitors improve embryogenic tissue initiation in conifers. <i>Plant Cell Reports</i> , 2005, 23, 596-605.	2.8	33
25	Achieving desired plant growth regulator levels in liquid plant tissue culture media that include activated carbon. <i>Plant Cell Reports</i> , 2005, 24, 201-208.	2.8	16
26	Somatic embryogenesis in loblolly pine ( <i>Pinus taeda</i> ) and Douglas fir ( <i>Pseudotsuga menziesii</i> ): improving culture initiation and growth with MES pH buffer, biotin, and folic acid. <i>Plant Cell, Tissue and Organ Culture</i> , 2005, 80, 91-103.	1.2	36
27	Modeling available 2,4-dichlorophenoxyacetic acid in a tissue culture medium containing activated carbon. <i>Plant Cell, Tissue and Organ Culture</i> , 2005, 82, 179-188.	1.2	10
28	Loblolly pine ( <i>Pinus taeda</i> L.) somatic embryogenesis: maturation improvements by metal analyses of zygotic and somatic embryos. <i>Plant Science</i> , 2003, 164, 955-969.	1.7	37
29	Loblolly pine ( <i>Pinus taeda</i> L.): stage-specific elemental analyses of zygotic embryo and female gametophyte tissue. <i>Plant Science</i> , 2003, 164, 943-954.	1.7	34
30	Somatic embryogenesis in loblolly pine ( <i>Pinus taeda</i> L.): improving culture initiation rates. <i>Annals of Forest Science</i> , 2002, 59, 663-668.	0.8	49
31	An Aquaglyceroporin Is Abundantly Expressed Early in the Development of the Suspensor and the Embryo Proper of Loblolly Pine. <i>Plant Physiology</i> , 2001, 127, 1556-1567.	2.3	53
32	Natural and Somatic Embryo Development in Loblolly Pine: Gene Expression Studies Using Differential Display and DNA Arrays. <i>Applied Biochemistry and Biotechnology</i> , 1999, 77, 5-18.	1.4	25
33	Gene Expression Differences Between Zygotic and Somatic Embryos Monitored by Differential Display and cDNA Array: A Potential Tool to Improve Loblolly Pine Somatic Embryo Quality. <i>Current Plant Science and Biotechnology in Agriculture</i> , 1999, , 81-84.	0.0	5
34	Somatic Embryogenesis in Loblolly Pine ( <i>Pinus Taeda</i> L.). <i>Forestry Sciences</i> , 1995, , 287-301.	0.4	36
35	Age- and position-of-origin and rootstock effects in Douglas-fir plantlet growth and plagiotropism. <i>Plant Cell, Tissue and Organ Culture</i> , 1992, 29, 179-186.	1.2	14
36	Establishment of juvenile-like shoot cultures and plantlets from 4?16 year-old Douglas-fir ( <i>Pseudotsuga menziesii</i> (Mirb.) Franco) trees. <i>Plant Cell, Tissue and Organ Culture</i> , 1992, 29, 187-198.	1.2	7