

# Steven J Knapp

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/716995/publications.pdf>

Version: 2024-02-01

28  
papers

2,160  
citations

516710

16  
h-index

454955

30  
g-index

42  
all docs

42  
docs citations

42  
times ranked

2352  
citing authors

#	ARTICLE	IF	CITATIONS
1	Origin and evolution of the octoploid strawberry genome. <i>Nature Genetics</i> , 2019, 51, 541-547.	21.4	469
2	A Genomic Scan for Selection Reveals Candidates for Genes Involved in the Evolution of Cultivated Sunflower ( <i>Helianthus annuus</i> ). <i>Plant Cell</i> , 2008, 20, 2931-2945.	6.6	269
3	Grey mould of strawberry, a devastating disease caused by the ubiquitous necrotrophic fungal pathogen <i>Botrytis cinerea</i> . <i>Molecular Plant Pathology</i> , 2019, 20, 877-892.	4.2	222
4	Single-molecule sequencing and optical mapping yields an improved genome of woodland strawberry ( <i>Fragaria vesca</i> ) with chromosome-scale contiguity. <i>GigaScience</i> , 2018, 7, 1-7.	6.4	209
5	Highly accurate long-read HiFi sequencing data for five complex genomes. <i>Scientific Data</i> , 2020, 7, 399.	5.3	155
6	Allelic Variation of <i>MYB10</i> Is the Major Force Controlling Natural Variation in Skin and Flesh Color in Strawberry ( <i>Fragaria</i> spp.) Fruit. <i>Plant Cell</i> , 2020, 32, 3723-3749.	6.6	111
7	Quantitative Trait Loci for Genetically Correlated Seed Traits are Tightly Linked to Branching and Pericarp Pigment Loci in Sunflower. <i>Crop Science</i> , 2006, 46, 721-734.	1.8	83
8	Genome Synteny Has Been Conserved Among the Octoploid Progenitors of Cultivated Strawberry Over Millions of Years of Evolution. <i>Frontiers in Plant Science</i> , 2019, 10, 1789.	3.6	73
9	Infection Strategies Deployed by <i>Botrytis cinerea</i> , <i>Fusarium acuminatum</i> , and <i>Rhizopus stolonifer</i> as a Function of Tomato Fruit Ripening Stage. <i>Frontiers in Plant Science</i> , 2019, 10, 223.	3.6	58
10	Genome-Wide Association Mapping Uncovers <i>Fw1</i> , a Dominant Gene Conferring Resistance to Fusarium Wilt in Strawberry. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 1817-1828.	1.8	50
11	Unraveling the Complex Hybrid Ancestry and Domestication History of Cultivated Strawberry. <i>Molecular Biology and Evolution</i> , 2021, 38, 2285-2305.	8.9	48
12	A roadmap for research in octoploid strawberry. <i>Horticulture Research</i> , 2020, 7, 33.	6.3	47
13	Reply to: Revisiting the origin of octoploid strawberry. <i>Nature Genetics</i> , 2020, 52, 5-7.	21.4	44
14	Evolutionary history and pan-genome dynamics of strawberry ( <i>Fragaria</i> spp.). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	43
15	Domestication of Temperate and Coastal Hybrids with Distinct Ancestral Gene Selection in Octoploid Strawberry. <i>Plant Genome</i> , 2018, 11, 180049.	2.8	29
16	Multi-dimensional machine learning approaches for fruit shape phenotyping in strawberry. <i>GigaScience</i> , 2020, 9, .	6.4	29
17	Disease Resistance Genetics and Genomics in Octoploid Strawberry. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 3315-3332.	1.8	26
18	Horizontal chromosome transfer and independent evolution drive diversification in <i>Fusarium oxysporum</i> f. sp. <i>fragariae</i> . <i>New Phytologist</i> , 2021, 230, 327-340.	7.3	26

#	ARTICLE	IF	CITATIONS
19	Accuracy of genomic selection and long-term genetic gain for resistance to <i>Verticillium</i> wilt in strawberry. <i>Plant Genome</i> , 2020, 13, e20054.	2.8	24
20	Social network analysis of the genealogy of strawberry: retracing the wild roots of heirloom and modern cultivars. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.8	19
21	Genomic prediction of strawberry resistance to postharvest fruit decay caused by the fungal pathogen <i>Botrytis cinerea</i> . <i>G3: Genes, Genomes, Genetics</i> , 2022, 12, .	1.8	19
22	Discovery of three loci increasing resistance to charcoal rot caused by <i>Macrophomina phaseolina</i> in octoploid strawberry. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.8	12
23	Average semivariance yields accurate estimates of the fraction of marker-associated genetic variance and heritability in complex trait analyses. <i>PLoS Genetics</i> , 2021, 17, e1009762.	3.5	12
24	The Strawberry DNA Testing Handbook. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2019, 54, 2267-2270.	1.0	10
25	Chromosome-Scale Genome for a Red-Fruited, Perpetual Flowering and Runnerless Woodland Strawberry ( <i>Fragaria vesca</i> ). <i>Frontiers in Genetics</i> , 2021, 12, 671371.	2.3	8
26	Diversification, spread, and admixture of octoploid strawberry in the Western Hemisphere. <i>American Journal of Botany</i> , 2021, 108, 2269-2281.	1.7	8
27	Novel <i>Fusarium</i> wilt resistance genes uncovered in natural and cultivated strawberry populations are found on three non-homoeologous chromosomes. <i>Theoretical and Applied Genetics</i> , 2022, 135, 2121-2145.	3.6	8
28	Average semivariance directly yields accurate estimates of the genomic variance in complex trait analyses. <i>G3: Genes, Genomes, Genetics</i> , 2022, 12, .	1.8	7