

# Qing-Yan Shu

## List of Publications by Year in descending order

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28  
papers

987  
citations

471477

17  
h-index

501174

28  
g-index

28  
all docs

28  
docs citations

28  
times ranked

907  
citing authors

#	ARTICLE	IF	CITATIONS
1	ABSCISIC ACID-INSENSITIVE 5- $\beta$ -FATTY ACID DESATURASE3 module regulates unsaturated fatty acids biosynthesis in <i>Paeonia ostii</i> . <i>Plant Science</i> , 2022, 317, 111189.	3.6	5
2	Inhibitory Effect of <i>Acer truncatum</i> Bunge Seed Coat Extract on Fatty Acid Synthase, Differentiation and Lipid Accumulation in 3T3-L1 Adipocytes. <i>Molecules</i> , 2022, 27, 1324.	3.8	5
3	Modulating Effect of Paeonol on Piglets With Ulcerative Colitis. <i>Frontiers in Nutrition</i> , 2022, 9, 846684.	3.7	1
4	Ecotopic overexpression of <i>PoCHS</i> from <i>Paeonia ostii</i> altered the fatty acids composition and content in <i>Arabidopsis thaliana</i> . <i>Physiologia Plantarum</i> , 2021, 172, 64-76.	5.2	2
5	A comprehensive study of three species of <i>Paeonia</i> stem and leaf phytochemicals, and their antioxidant activities. <i>Journal of Ethnopharmacology</i> , 2021, 273, 113985.	4.1	25
6	Dietary Moutan Cortex Radicis Improves Serum Antioxidant Capacity and Intestinal Immunity and Alters Colonic Microbiota in Weaned Piglets. <i>Frontiers in Nutrition</i> , 2021, 8, 679129.	3.7	10
7	Comparative transcriptomic analysis of genes involved in stem lignin biosynthesis in woody and herbaceous <i>Paeonia</i> species. <i>Physiologia Plantarum</i> , 2021, 173, 961-977.	5.2	5
8	Phytochemical profiles and the hypoglycemic effects of tree peony seed coats. <i>Food and Function</i> , 2021, 12, 11777-11789.	4.6	7
9	Fatty Acid Composition, Phytochemistry, Antioxidant Activity on Seed Coat and Kernel of <i>Paeonia ostii</i> from Main Geographic Production Areas. <i>Foods</i> , 2020, 9, 30.	4.3	25
10	In Vitro Evaluation of a Fluorescent Microemulsion as an Oral Delivery Carrier and its Potential Application in Tracking Bioactive Compounds Label-Free. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 8996-9003.	5.2	4
11	Paternal effects on fatty acid composition of tree peony seed oil. <i>Euphytica</i> , 2019, 215, 1.	1.2	4
12	Solidâ€“Liquid Phase Equilibrium and Phase Behaviors for Binary Mixtures Composed of Tripalmitoylglycerol (PPP), 1,3-Dipalmitoyl-2-oleoyl-glycerol (POP), and 1,2-Dioleoyl-3-palmitoyl-glycerol (POO). <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 10044-10052.	3.7	13
13	Chalcone synthase is ubiquitinated and degraded via interactions with a RING-H2 protein in petals of <i>Paeonia</i> Xieâ€™. <i>Journal of Experimental Botany</i> , 2019, 70, 4749-4762.	4.8	29
14	A Novel R2R3-MYB Transcription Factor Contributes to Petal Blotch Formation by Regulating Organ-Specific Expression of <i>PsCHS</i> in Tree Peony ( <i>Paeonia suffruticosa</i> ). <i>Plant and Cell Physiology</i> , 2019, 60, 599-611.	3.1	77
15	Fatty acid desaturase 3 ( <i>PsFAD3</i> ) from <i>Paeonia suffruticosa</i> reveals high $\Omega$ -linolenic acid accumulation. <i>Plant Science</i> , 2018, 274, 212-222.	3.6	31
16	Identification of microRNAs and long non-coding RNAs involved in fatty acid biosynthesis in tree peony seeds. <i>Gene</i> , 2018, 666, 72-82.	2.2	44
17	Overexpression of <i>PSK1</i> , a <i>SKP1</i> -like gene homologue, from <i>Paeonia suffruticosa</i> , confers salinity tolerance in <i>Arabidopsis</i> . <i>Plant Cell Reports</i> , 2017, 36, 151-162.	5.6	20
18	Flavone synthases from <i>Lonicera japonica</i> and <i>L. macranthoides</i> reveal differential flavone accumulation. <i>Scientific Reports</i> , 2016, 6, 19245.	3.3	31

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19	Antioxidant capacities and anthocyanin characteristics of the blackâ€“red wild berries obtained in Northeast China. <i>Food Chemistry</i> , 2016, 204, 150-158.	8.2	46
20	Methylation mediated by an anthocyanin, <i>O</i> -methyltransferase, is involved in purple flower coloration in <i>Paeonia</i> . <i>Journal of Experimental Botany</i> , 2015, 66, 6563-6577.	4.8	72
21	Fatty acid composition of developing tree peony ( <i>Paeonia</i> section <i>Moutan</i> DC.) seeds and transcriptome analysis during seed development. <i>BMC Genomics</i> , 2015, 16, 208.	2.8	100
22	Analysis of the formation of flower shapes in wild species and cultivars of tree peony using the MADS-box subfamily gene. <i>Gene</i> , 2012, 493, 113-123.	2.2	15
23	Flavonoid Composition and Antioxidant Activity of Tree Peony ( <i>Paeonia</i> Section <i>Moutan</i> ) Yellow Flowers. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 8496-8503.	5.2	172
24	Studies on <i>Paeonia</i> cultivars and hybrids identification based on SRAP analysis. <i>Hereditas</i> , 2008, 145, 38-47.	1.4	40
25	Characterization of sequence-related amplified polymorphism markers analysis of tree peony bud sports. <i>Scientia Horticulturae</i> , 2008, 115, 261-267.	3.6	33
26	Analysis of petal anthocyanins to investigate coloration mechanism in herbaceous peony cultivars. <i>Scientia Horticulturae</i> , 2008, 117, 167-173.	3.6	64
27	Identification and Characterization of Anthocyanins by High-performance Liquid Chromatographyâ€“Electrospray Ionizationâ€“Mass Spectrometry in Herbaceous Peony Species. <i>Journal of the American Society for Horticultural Science</i> , 2008, 133, 418-426.	1.0	26
28	Comparison of anthocyanins in non-blotches and blotches of the petals of Xibei tree peony. <i>Scientia Horticulturae</i> , 2007, 114, 104-111.	3.6	81