

# Thomas C Pesacreta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3986206/publications.pdf>

Version: 2024-02-01

15  
papers

370  
citations

1163117

8  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

293  
citing authors

#	ARTICLE	IF	CITATIONS
1	A subclass of myosin XI is associated with mitochondria, plastids, and the molecular chaperone subunit TCP-1? in maize. <i>Cytoskeleton</i> , 2004, 57, 218-232.	4.4	70
2	F-actin in conifer roots. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1982, 79, 2898-2901.	7.1	60
3	Structureâ€“Processâ€“Property Relationship of Biomimetic Chitosanâ€“Based Nanocomposite Scaffolds for Tissue Engineering: Biological, Physicoâ€“Chemical, and Mechanical Functions. <i>Advanced Engineering Materials</i> , 2011, 13, B108.	3.5	55
4	Microfilaments in plant vascular cells. <i>Canadian Journal of Botany</i> , 1980, 58, 807-815.	1.1	46
5	Microstructure and fracture morphology of carbon nano-fiber modified asphalt and hot mix asphalt mixtures. <i>Materials and Structures/Materiaux Et Constructions</i> , 2013, 46, 2045-2057.	3.1	36
6	Maize myosins: Diversity, localization, and function. <i>Cytoskeleton</i> , 2001, 48, 130-148.	4.4	33
7	Microfilament bundles in the roots of a conifer, <i>Chamaecyparis obtusa</i> . <i>Protoplasma</i> , 1984, 121, 54-64.	2.1	21
8	Endogenous nutrients are concentrated in specific tissues in the <i>Zea mays</i> seedling. <i>Protoplasma</i> , 2021, 258, 863-878.	2.1	11
9	Localization of seed-derived and externally supplied nutrients in peanut seedling root. <i>Theoretical and Experimental Plant Physiology</i> , 2022, 34, 37-51.	2.4	11
10	Tissue accumulation patterns and concentrations of potassium, phosphorus, and carboxyfluorescein translocated from pine seed to the root. <i>Planta</i> , 2018, 248, 393-407.	3.2	8
11	The connective base and filament of <i>A. cicarpha tribuloides</i> (Calyceraceae). <i>American Journal of Botany</i> , 1994, 81, 753-759.	1.7	6
12	Light microscopy survey of extant gymnosperm root protophloem and comparison with basal angiosperms. <i>Botany</i> , 2014, 92, 388-401.	1.0	6
13	Fâ€“actin distribution in root primary tissues of several seed plant species. <i>American Journal of Botany</i> , 2015, 102, 1422-1433.	1.7	4
14	Improved staining of microfilament bundles in plant cells for high voltage electron microscopy. <i>Journal of Microscopy</i> , 1984, 133, 73-77.	1.8	2
15	A survey of autofluorescent patterns in the staminal connective base epidermis in 60 species of Asteraceae. <i>American Journal of Botany</i> , 1994, 81, 1119-1127.	1.7	0