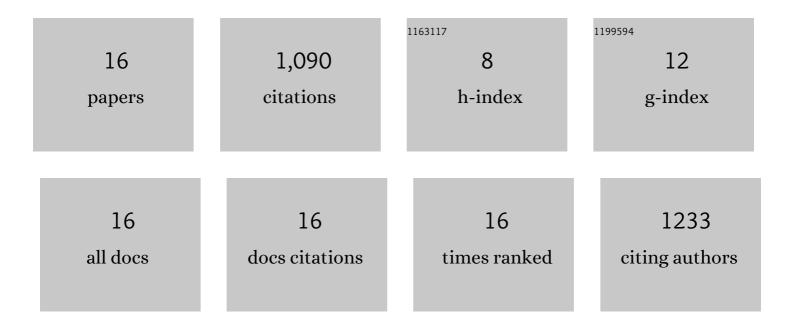
Atsushi Momose

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Demonstration of Neutron Phase Imaging Based on Talbot–Lau Interferometer at Compact Neutron Source RANS. Quantum Beam Science, 2022, 6, 22.	1.2	0
2	Bilaterally Asymmetric Helical Myofibrils in Ascidian Tadpole Larvae. Frontiers in Cell and Developmental Biology, 2021, 9, 800455.	3.7	1
3	Development of x-ray phase tomographic microscope based on Talbot interferometer at BL37XU, SPring-8. AIP Advances, 2020, 10, .	1.3	8
4	Recent Progress in X-ray and Neutron Phase Imaging with Gratings. Quantum Beam Science, 2020, 4, 9.	1.2	20
5	Hypermineralization of Hearing-Related Bones by a Specific Osteoblast Subtype. Journal of Bone and Mineral Research, 2020, 36, 1535-1547.	2.8	9
6	Development toward high-resolution X-ray phase imaging. Journal of Electron Microscopy, 2017, 66, 155-166.	0.9	18
7	Recent advance in grating-based x-ray phase tomography. , 2017, , .		2
8	Development of full-field x-ray phase-tomographic microscope based on laboratory x-ray source. , 2017, , .		5
9	X-ray phase imaging using a Gd-based absorption grating fabricated by imprinting technique. Japanese Journal of Applied Physics, 2016, 55, 048003.	1.5	8
10	High aspect ratio grating by isochronal imprinting of less viscous workable Gd-based metallic glass for neutron phase imaging. Intermetallics, 2016, 78, 55-63.	3.9	12
11	Development of grating-based x-ray phase tomography under the ERATO project. Proceedings of SPIE, 2016, , .	0.8	1
12	Osteocyte-directed bone demineralization along canaliculi. Bone, 2016, 84, 279-288.	2.9	78
13	Osteogenic capillaries orchestrate growth plate-independent ossification of the malleus. Development (Cambridge), 2015, 142, 3912-20.	2.5	20
14	Talbot-defocus multiscan tomography using the synchrotron X-ray microscope to study the lacuno-canalicular network in mouse bone. Biomedical Optics Express, 2013, 4, 917.	2.9	15
15	Phase–contrast X–ray computed tomography for observing biological soft tissues. Nature Medicine, 1996, 2, 473-475.	30.7	843
16	Differential Phase X-ray Imaging Microscopy with X-ray Talbot Interferometer. Applied Physics Express, 0, 1, 117002.	2.4	50