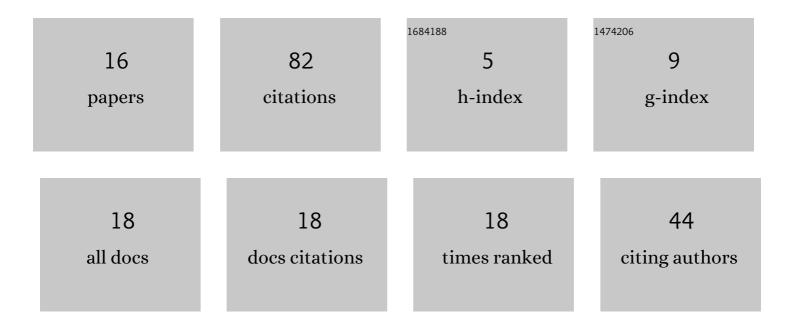


List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Biomaterial-mediated presentation of wnt5a mimetic ligands enhances chondrogenesis and metabolism of stem cells by activating non-canonical Wnt signaling. Biomaterials, 2022, 281, 121316.	11.4	8
2	Supporting Technologies for COVID-19 Prevention: Systemized Review. Jmirx Med, 2022, 3, e30344.	0.4	5
3	Biomaterial-Mediated Presentation of Jagged-1 Mimetic Ligand Enhances Cellular Activation of Notch Signaling and Bone Regeneration. ACS Nano, 2022, 16, 1051-1062.	14.6	14
4	Authors' Responses to Peer Reviews of "Supporting Technologies for COVID-19 Prevention: Systemized Review― Jmirx Med, 2022, 3, e38693.	0.4	0
5	Regression model for predicting core body temperature in infrared thermal mass screening. , 2022, 3-4, 100006.		1
6	The cellular mechanobiology of aging: from biology to mechanics. Annals of the New York Academy of Sciences, 2021, 1491, 3-24.	3.8	25
7	A bodyâ€mounted device for MRIâ€guided spinal therapy. International Journal of Medical Robotics and Computer Assisted Surgery, 2021, 17, e2235.	2.3	2
8	Image-Guided Robotics for Standardized and Automated Biopsy and Ablation. Seminars in Interventional Radiology, 2021, 38, 565-575.	0.8	5
9	Rapid prototyping of custom radiocontrast agent markers for computed tomography–guided procedures. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2020, 234, 1363-1369.	1.8	0
10	Angular needle tracker and stabilizer for image-guided interventions. Minimally Invasive Therapy and Allied Technologies, 2020, , 1-8.	1.2	3
11	An inertial measurement unit tracking system for body movement in comparison with optical tracking. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2020, 234, 728-737.	1.8	9
12	Heatguard: An ultra-low-cost three-dimensional-printed sensor for skin temperature alert and reporting system. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2019, 233, 525-534.	1.8	0
13	Template for MR Visualization and Needle Targeting. Annals of Biomedical Engineering, 2019, 47, 524-536.	2.5	5
14	AngleNav: MEMS Tracker to Facilitate CT-Guided Puncture. Annals of Biomedical Engineering, 2018, 46, 452-463.	2.5	5
15	Flexible Template to Assist MRI-Guided Biopsy on Prostate Cancer. , 2018, , .		0
16	Heatguard: An Ultra-Low-Cost 3D Printed Sensor for Body Temperature Alert and Reporting System. , 2018		0