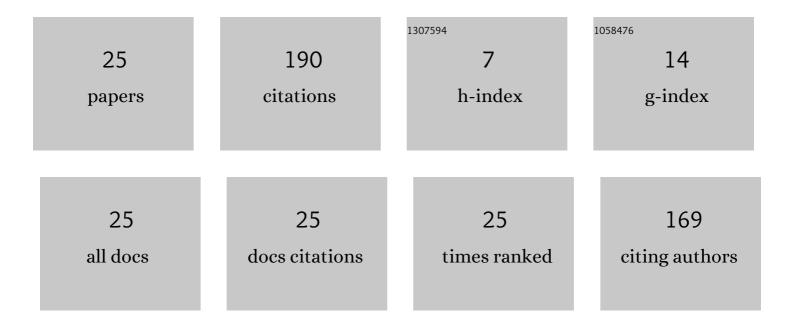
Byungseok Yoo

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Static and Dynamic Magneto-Elastic Sensing Properties of Fe-Al Alloy Powder-Epoxy Composite Patches. Magnetism, 2022, 2, 105-116.	1.5	1
2	Laser Direct Structured 3D Circuits on Silicone. ACS Applied Materials & Interfaces, 2022, 14, 18854-18865.	8.0	3
3	Hand Gesture Recognition Using EGaIn-Silicone Soft Sensors. Sensors, 2021, 21, 3204.	3.8	15
4	Guided wave phased array sensor based on a Galfenol flake-epoxy composite patch with unique circular comb pattern. AIP Advances, 2019, 9, 035022.	1.3	5
5	External Loading Effects on Guided Wave Magnetostrictive Sensor Using a Surface-Bonded Nickel Patch. IEEE Transactions on Magnetics, 2019, 55, 1-5.	2.1	Ο
6	Investigation of the use of uniaxial comb-shaped Galfenol patches for a guided wave-based magnetostrictive phased array sensor. AIP Advances, 2018, 8, 056641.	1.3	4
7	Structural health monitoring of a composite F/A-18 wing section using a sparse piezoelectric transducer array. , 2018, , .		0
8	Enhancement of directional sensitivity of magnetostrictive phased array sensor using a circular comb-shaped nickel patch. AIP Advances, 2017, 7, 056415.	1.3	4
9	Development of two-dimensional interdigitated center of pressure sensor. Smart Materials and Structures, 2017, 26, 125013.	3.5	3
10	A magnetostrictive phased array sensor using a nickel comb patch for guided Lamb wave-based damage detection. , 2017, , .		1
11	Evaluation of Magnetorheological Elastomers With Oriented Fe–Ga Alloy Flakes for Force Sensing Applications. IEEE Transactions on Magnetics, 2016, 52, 1-4.	2.1	11
12	Ultrasonic Structural Health Monitoring to Assess the Integrity of Spinal Growing Rods InÂVitro. Spine Deformity, 2016, 4, 65-69.	1.5	0
13	Magnetic shape anisotropy effect on sensing performance and directional sensitivity in magnetostrictive nickel patch transducer. Journal of Intelligent Material Systems and Structures, 2016, 27, 1075-1091.	2.5	9
14	Ultrasonic guided wave sensing performance of a magnetostrictive transducer using Galfenol flakes-polymer composite patches. Journal of Applied Physics, 2015, 117, 17A916.	2.5	16
15	Influence of Particle Size and Filling Factor of Galfenol Flakes on Sensing Performance of Magnetostrictive Composite Transducers. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	9
16	Directional magnetostrictive patch transducer based on Galfenol's anisotropic magnetostriction feature. Smart Materials and Structures, 2014, 23, 095035.	3.5	35
17	Galfenol-based directional magnetostrictive patch transducer for guided Lamb wave techniques. , 2014, , .		1
18	Phased Array Beamsteering in Composite Laminates for Guided Wave Structural Health Monitoring. ,		4

Phased Ai 2013, , .

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#	Article	IF	CITATIONS
19	Corrosion Damage Monitoring Using Guided Lamb Waves. , 2012, , .		0
20	Piezoceramic-based 2D Spiral Array and Multiple Actuators for Structural Health Monitoring: Thin Isotropic Panel with Straight Boundaries. Journal of Intelligent Material Systems and Structures, 2011, 22, 1327-1343.	2.5	4
21	Piezoelectric-paint-based two-dimensional phased sensor arrays for structural health monitoring of thin panels. Smart Materials and Structures, 2010, 19, 075017.	3.5	60
22	Piezoelectric Paint based 2-D Sensor Array for Detecting Damage in Aluminum Plate. , 2010, , .		1
23	Multi-Location Actuators and Piezoceramic Based 2-D Spiral Array for Structural Health Monitoring: Thin Isotropic Panels. , 2010, , .		0
24	2-D Directional Phased Array Using Piezoelectric Paint to Detect Damages in Isotropic Plates. , 2009, , .		2
25	Guided Lamb Wave Interrogation of a Curved Composite Plate [0/90] Using the Hilbert-Huang Transform Approach. , 2008, , .		2