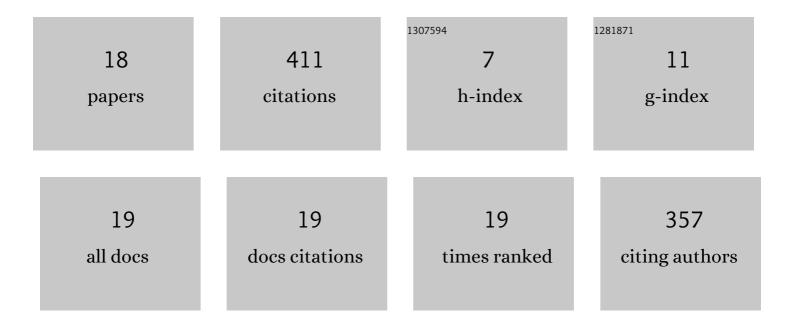
Sungkwang Mun

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Residual Reconstruction for Block-Based Compressed Sensing of Video. , 2011, , .		122
2	Block Compressed Sensing of Images Using Directional Transforms. , 2010, , .		113
3	Block compressed sensing of images using directional transforms. , 2009, , .		32
4	Free volume and internal structural evolution during creep in model amorphous polyethylene by Molecular Dynamics simulations. Polymer, 2019, 170, 85-100.	3.8	30
5	Machine-learning enabled prediction of 3D spray under engine combustion network spray G conditions. Fuel, 2021, 293, 120444.	6.4	19
6	Interatomic Potential for Hydrocarbons on the Basis of the Modified Embedded-Atom Method with Bond Order (MEAM-BO). Journal of Physical Chemistry A, 2017, 121, 1502-1524.	2.5	18
7	Stress wave mitigation at suture interfaces. Biomedical Physics and Engineering Express, 2017, 3, 035025.	1.2	16
8	Uncertainty analysis of an irrigation scheduling model for water management in crop production. Agricultural Water Management, 2015, 155, 100-112.	5.6	10
9	Damage biomechanics for neuronal membrane mechanoporation. Modelling and Simulation in Materials Science and Engineering, 2019, 27, 065004.	2.0	8
10	Molecular dynamics simulations showing 1-palmitoyl-2-oleoyl-phosphatidylcholine (POPC) membrane mechanoporation damage under different strain paths. Journal of Biomolecular Structure and Dynamics, 2019, 37, 1346-1359.	3.5	8
11	Unraveling Mg ã€^ <i>c</i> + <i>a</i> 〉 slip using neural network potential. Philosophical Magazine, 2 102, 651-673.	2022, 1.6	8
12	A modified embedded-atom method interatomic potential for bismuth. Modelling and Simulation in Materials Science and Engineering, 0, , .	2.0	7
13	A nanoscale study of size scale, strain rate, temperature, and stress state effects on damage and fracture of polyethylene. Mechanics of Materials, 2021, 161, 104008.	3.2	7
14	Motion-compensated compressed-sensing reconstruction for dynamic MRI. , 2013, , .		5
15	Dispersion-Corrected Modified Embedded-Atom Method Bond Order Interatomic Potential for Sulfur. Journal of Physical Chemistry A, 2018, 122, 9572-9578.	2.5	4
16	Development of 2NN MEAM potential for Fe–Al and atomistic investigation of surface and interface properties of the inhibition layer in galvanized Fe. Modelling and Simulation in Materials Science and Engineering, 2022, 30, 045001.	2.0	2
17	Density functional theory and bridging to classical interatomic force fields. , 2022, , 39-52.		1
18	Single-wall carbon nanotube mechanical behavior using the modified embedded atom method with bond order (MEAM-BO). Modelling and Simulation in Materials Science and Engineering, 0, , .	2.0	1