

# Weichen Shi

## List of Publications by Year in descending order

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16  
papers

120  
citations

1478505

6  
h-index

1281871

11  
g-index

16  
all docs

16  
docs citations

16  
times ranked

63  
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-classical laws with conserved quantities from the arbitrary functions included in general solution to elasticity and application. <i>Applied Mathematical Modelling</i> , 2019, 66, 440-456.	4.2	0
2	Configurational fracture toughness from the perfectly plastic field ahead of the tip of a sharp V-notch under longitudinal shear. <i>European Journal of Mechanics, A/Solids</i> , 2016, 55, 67-72.	3.7	4
3	Equivalence of the notch stress intensity factor, tip opening displacement and energy release rate for a sharp V-notch. <i>International Journal of Solids and Structures</i> , 2014, 51, 904-909.	2.7	14
4	A brief note on the self-balanced singular elastic field caused by an edge dislocation. <i>Applied Mathematics and Computation</i> , 2014, 226, 194-197.	2.2	0
5	Conservation laws from any conformal transformations and the parameters for a sharp V-notch in plane elasticity. <i>International Journal of Solids and Structures</i> , 2013, 50, 1394-1401.	2.7	6
6	Higher order conservation integrals in elasticity and application. <i>Applied Mathematics and Computation</i> , 2012, 219, 1522-1535.	2.2	2
7	Conservation integrals in the sense of Noether's theorem for an analytic function on a physical plane and application. <i>Applied Mathematics and Computation</i> , 2012, 219, 3009-3016.	2.2	6
8	Path-independent integral for the sharp V-notch in longitudinal shear problem. <i>International Journal of Solids and Structures</i> , 2011, 48, 567-572.	2.7	9
9	Collinear periodic cracks and/or rigid line inclusions of antiplane sliding mode in one-dimensional hexagonal quasicrystal. <i>Applied Mathematics and Computation</i> , 2009, 215, 1062-1067.	2.2	37
10	Relationship between the Stress Intensity Factors and Bond Length in Graphene Sheet. <i>International Journal of Fracture</i> , 2008, 149, 105-111.	2.2	4
11	Conservation integrals of any quasicrystal and application. <i>International Journal of Fracture</i> , 2007, 144, 61-64.	2.2	13
12	On conservation laws in geometrically nonlinear elasto-dynamic field of non-homogenous materials. <i>International Journal of Engineering Science</i> , 2006, 44, 1007-1022.	5.0	6
13	On the dynamic energy release rate in functionally graded materials. <i>International Journal of Fracture</i> , 2005, 131, L31-L35.	2.2	4
14	Path-independent integrals and crack extension force for functionally graded materials. <i>International Journal of Fracture</i> , 2003, 119/120, L83-L89.	2.2	5
15	Conservation laws in non-homogeneous electro-magneto-elastic materials. <i>European Journal of Mechanics, A/Solids</i> , 2003, 22, 217-230.	3.7	10
16	Energy Release Rate in Piezoelectric Media. <i>International Journal of Fracture</i> , 1999, 96, 29-36.	2.2	0