

# Babur Deliktas

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/10857116/babur-deliktas-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16  
papers

401  
citations

9  
h-index

16  
g-index

16  
ext. papers

423  
ext. citations

4.9  
avg, IF

3.52  
L-index

#	Paper	IF	Citations
16	Modeling High-Speed Impact Failure of Metallic Materials: Nonlocal Approaches <b>2019</b> , 939-969		
15	Modeling High-Speed Impact Failure of Metallic Materials: Nonlocal Approaches <b>2018</b> , 1-31		
14	Computer technology for enhancing teaching and learning modules of engineering mechanics. <i>Computer Applications in Engineering Education</i> , <b>2011</b> , 19, 421-432	1.6	18
13	Consistent Non Local Coupled Damage Model and Its Application in Impact Response of Composite Materials. <i>CISM International Centre for Mechanical Sciences, Courses and Lectures</i> , <b>2011</b> , 3-102	0.6	
12	Friction coefficient evaluation using physically based viscoplasticity model at the contact region during high velocity sliding. <i>Acta Mechanica</i> , <b>2010</b> , 213, 39-52	2.1	11
11	Modeling of strengthening and softening in inelastic nanocrystalline materials with reference to the triple junction and grain boundaries using strain gradient plasticity. <i>Acta Mechanica</i> , <b>2010</b> , 213, 3-26	2.1	24
10	Nonlocal gradient-dependent modeling of plasticity with anisotropic hardening. <i>International Journal of Plasticity</i> , <b>2010</b> , 26, 1335-1356	7.6	35
9	Theoretical and Experimental Characterization for the Inelastic Behavior of the Micro-/Nanostructured Thin Films Using Strain Gradient Plasticity With Interface Energy. <i>Journal of Engineering Materials and Technology, Transactions of the ASME</i> , <b>2009</b> , 131,	1.8	6
8	Formulation of strain gradient plasticity with interface energy in a consistent thermodynamic framework. <i>International Journal of Plasticity</i> , <b>2009</b> , 25, 1997-2024	7.6	61
7	Mechanics of strain gradient plasticity with particular reference to decomposition of the state variables into energetic and dissipative components. <i>International Journal of Engineering Science</i> , <b>2009</b> , 47, 1405-1423	5.7	43
6	Role of strain concentration factors in predicting the inelastic behavior of laminated composite material. <i>Composites Part B: Engineering</i> , <b>2009</b> , 40, 267-274	10	1
5	Thermodynamically consistent coupled viscoplastic damage model for perforation and penetration in metal matrix composite materials. <i>Composites Part B: Engineering</i> , <b>2009</b> , 40, 427-433	10	9
4	Simulation of perforation and penetration in metal matrix composite materials using coupled viscoplastic damage model. <i>Composites Part B: Engineering</i> , <b>2009</b> , 40, 434-442	10	8
3	Multiscale Analysis of Multiple Damage Mechanisms Coupled with Inelastic Behavior of Composite Materials. <i>Journal of Engineering Mechanics - ASCE</i> , <b>2001</b> , 127, 636-645	2.4	43
2	A coupled anisotropic damage model for the inelastic response of composite materials. <i>Computer Methods in Applied Mechanics and Engineering</i> , <b>2000</b> , 183, 159-199	5.7	122
1	Multi-scale analysis of multiple damage mechanisms coupled with inelastic behavior of composite materials. <i>Mechanics Research Communications</i> , <b>2000</b> , 27, 295-300	2.2	20