

Gerardo E Oleaga

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

139
citations

1684188

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h-index

1372567

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g-index

11
all docs

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docs citations

11
times ranked

149
citing authors

#	ARTICLE	IF	CITATIONS
1	Early Stages of Bone Fracture Healing: Formation of a Fibrinâ€“Collagen Scaffold in the Fracture Hematoma. <i>Bulletin of Mathematical Biology</i> , 2015, 77, 156-183.	1.9	45
2	Bone remodeling: A tissue-level process emerging from cell-level molecular algorithms. <i>PLoS ONE</i> , 2018, 13, e0204171.	2.5	41
3	Remarks on a basic law for dynamic crack propagation. <i>Journal of the Mechanics and Physics of Solids</i> , 2001, 49, 2273-2306.	4.8	19
4	On the Path of a Quasi-static Crack in Mode III. <i>Journal of Elasticity</i> , 2004, 76, 163-189.	1.9	10
5	On the dynamics of the growth plate in primary ossification. <i>Journal of Theoretical Biology</i> , 2010, 265, 543-553.	1.7	8
6	On the dynamics of cracks in three dimensions. <i>Journal of the Mechanics and Physics of Solids</i> , 2003, 51, 169-185.	4.8	5
7	The classical theory of univalent functions and quasistatic crack propagation. <i>European Journal of Applied Mathematics</i> , 2006, 17, 233.	2.9	2
8	On the Eshelby-Kostrov property for the wave equation in the plane. <i>Transactions of the American Mathematical Society</i> , 2006, 358, 3673-3695.	0.9	1
9	The anti-symmetry principle for quasi-static crack propagation in Mode III. <i>International Journal of Fracture</i> , 2007, 147, 21-33.	2.2	1
10	A proposed screening algorithm for bone remodelling. <i>European Journal of Applied Mathematics</i> , 2021, 32, 806-819.	2.9	1