

Manfred Braun

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

234
citations

1684129

5
h-index

1372553

10
g-index

17
all docs

17
docs citations

17
times ranked

118
citing authors

#	ARTICLE	IF	CITATIONS
1	Waves in microstructured materials and dispersion. Philosophical Magazine, 2005, 85, 4127-4141.	1.6	130
2	On one-dimensional solitary waves in microstructured solids. Wave Motion, 2010, 47, 217-230.	2.0	27
3	Hierarchies of Waves in Nonclassical Materials. , 2006, , 29-47.		21
4	On identical traveling-wave solutions of the Kudryashovâ€™Sinelshchikov and related equations. International Journal of Non-Linear Mechanics, 2014, 58, 206-211.	2.6	17
5	Structural Optimization by Material Forces. , 2005, , 211-218.		13
6	Cnoidal waves governed by the Kudryashovâ€™Sinelshchikov equation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 1868-1874.	2.1	11
7	Fluid-Structure Interaction of Propellers. IUTAM Symposium on Cellular, Molecular and Tissue Mechanics, 2008, , 191-204.	0.2	6
8	On periodic waves governed by the extended Kortewegâ€™de Vries equation. Proceedings of the Estonian Academy of Sciences, 2010, 59, 133.	1.5	3
9	Configurational forces in discrete elastic systems. Archive of Applied Mechanics, 2007, 77, 85-93.	2.2	2
10	On solitary waves in oneâ€™dimensional microstructured solids. Proceedings in Applied Mathematics and Mechanics, 2009, 9, 495-496.	0.2	2
11	Nonlinear progressive waves in elastic materials. Rheologica Acta, 1977, 16, 146-154.	2.4	1
12	Nichtholonome Bindungen und Systeme. Proceedings in Applied Mathematics and Mechanics, 2003, 2, 110-111.	0.2	0
13	On the traveling waves governed by the Camassaâ€™Holm equation. Archive of Applied Mechanics, 2014, 84, 1263-1274.	2.2	0
14	On Discontinuities of Material Momentum and Eshelby Stress in Hyperelasticity and Thermoelasticity. IUTAM Symposium on Cellular, Molecular and Tissue Mechanics, 2009, , 1-10.	0.2	0
15	The Balance of Material Momentum Applied to Water Waves. Advanced Structured Materials, 2018, , 135-154.	0.5	0
16	An Approximate Theory of Linear Waves in an Elastic Layer and Its Relation to Microstructured Solids. Mathematics of Planet Earth, 2019, , 3-27.	0.1	0