

# Patrick Schneider

## List of Publications by Year in descending order

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23  
papers

86  
citations

1478505

6  
h-index

1474206

9  
g-index

23  
all docs

23  
docs citations

23  
times ranked

41  
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust hybrid/mixed finite elements for rubber-like materials under severe compression. Computational Mechanics, 2022, 70, 101-122.	4.0	6
2	Mixed/Hybrid finite elements for finite deformations of quasi-incompressible materials with non-constant bulk moduli. Proceedings in Applied Mathematics and Mechanics, 2021, 20, e202000191.	0.2	2
3	Modularity of the displacement coefficients and complete plate theories in the framework of the consistent-approximation approach. Continuum Mechanics and Thermodynamics, 2021, 33, 1805-1827.	2.2	2
4	Plate theories: A mixed Vekua and consistent approximation approach. Proceedings in Applied Mathematics and Mechanics, 2021, 20, e202000124.	0.2	0
5	A robust hybrid-element family for strongly compressed hyperelastic materials. Proceedings in Applied Mathematics and Mechanics, 2021, 21, .	0.2	0
6	Plate theories: A priori fulfillment of the local conditions by the consistent-approximation approach. Proceedings in Applied Mathematics and Mechanics, 2021, 21, .	0.2	0
7	Dimensioning of thick-walled spherical and cylindrical pressure vessels. Mathematics and Mechanics of Solids, 2020, 25, 1405-1415.	2.4	5
8	A priori estimation of the systematic error of consistently derived theories for thin structures. International Journal of Solids and Structures, 2020, 190, 1-21.	2.7	8
9	Anisotropic and Refined Plate Theories. , 2020, , 72-78.		0
10	Dual-energy extension of the uniform-approximation approach. Proceedings in Applied Mathematics and Mechanics, 2019, 19, e201900222.	0.2	0
11	A Beam-Just a Beam in Linear Plane Bending. Advanced Structured Materials, 2019, , 329-350.	0.5	1
12	Modeling of anisotropic boundary layer effects in plate theory. Proceedings in Applied Mathematics and Mechanics, 2018, 18, e201800397.	0.2	0
13	Anisotropic and Refined Plate Theories. , 2018, , 1-7.		0
14	A Reissner-type plate theory for monoclinic material derived by extending the uniform-approximation technique by orthogonal tensor decompositions of nth-order gradients. Meccanica, 2017, 52, 2143-2167.	2.0	19
15	A priori error estimates for consistent, refined theories for thin structures. Proceedings in Applied Mathematics and Mechanics, 2016, 16, 237-238.	0.2	0
16	Experimental Validation of RVE Based Failure Simulations of Macro-Porous Materials. Proceedings in Applied Mathematics and Mechanics, 2016, 16, 365-366.	0.2	0
17	Direct Approach Versus Consistent Approximation. Advanced Structured Materials, 2016, , 415-433.	0.5	3
18	On exact rod/beam/shaft-theories and the coupling among them due to arbitrary material anisotropies. International Journal of Solids and Structures, 2015, 56-57, 265-279.	2.7	12

#	ARTICLE	IF	CITATIONS
19	Comparison of various linear plate theories in the light of a consistent second-order approximation. <i>Mathematics and Mechanics of Solids</i> , 2015, 20, 871-882.	2.4	13
20	Teaching Nonlinear Mechanics: An Extensive Discussion of a Standard Example Feasible for Undergraduate Courses. <i>International Journal for Computational Methods in Engineering Science and Mechanics</i> , 2014, 15, 172-181.	2.1	1
21	The anisotropic coupling of one-dimensional problems in linear elasticity. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2014, 14, 261-262.	0.2	0
22	A consistent second-order plate theory for monotropic material. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2011, 11, 273-274.	0.2	1
23	An Algorithm for the Automatisation of Pseudo Reductions of PDE Systems Arising from the Uniform-approximation Technique. <i>Advanced Structured Materials</i> , 2011, , 377-390.	0.5	13