

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 | A Reissner-type plate theory for monoclinic material derived by extending the uniform-approximation technique by orthogonal tensor decompositions of nth-order gradients. <i>Meccanica</i> , 2017, 52, 2143-2167. | 2.0 | 19 |
| 2 | 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 |
| 3 | An Algorithm for the Automatisaton of Pseudo Reductions of PDE Systems Arising from the Uniform-approximation Technique. <i>Advanced Structured Materials</i> , 2011, , 377-390. | 0.5 | 13 |
| 4 | On exact rod/beam/shaft-theories and the coupling among them due to arbitrary material anisotropies. <i>International Journal of Solids and Structures</i> , 2015, 56-57, 265-279. | 2.7 | 12 |
| 5 | A priori estimation of the systematic error of consistently derived theories for thin structures. <i>International Journal of Solids and Structures</i> , 2020, 190, 1-21. | 2.7 | 8 |
| 6 | Robust hybrid/mixed finite elements for rubber-like materials under severe compression. <i>Computational Mechanics</i> , 2022, 70, 101-122. | 4.0 | 6 |
| 7 | Dimensioning of thick-walled spherical and cylindrical pressure vessels. <i>Mathematics and Mechanics of Solids</i> , 2020, 25, 1405-1415. | 2.4 | 5 |
| 8 | Direct Approach Versus Consistent Approximation. <i>Advanced Structured Materials</i> , 2016, , 415-433. | 0.5 | 3 |
| 9 | Mixed/Hybrid finite elements for finite deformations of quasi-incompressible materials with non-constant bulk moduli. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2021, 20, e202000191. | 0.2 | 2 |
| 10 | Modularity of the displacement coefficients and complete plate theories in the framework of the consistent-approximation approach. <i>Continuum Mechanics and Thermodynamics</i> , 2021, 33, 1805-1827. | 2.2 | 2 |
| 11 | A consistent second-order plate theory for monotropic material. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2011, 11, 273-274. | 0.2 | 1 |
| 12 | 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 |
| 13 | A Beam—Just a Beam in Linear Plane Bending. <i>Advanced Structured Materials</i> , 2019, , 329-350. | 0.5 | 1 |
| 14 | 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 |
| 15 | A priori error estimates for consistent, refined theories for thin structures. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2016, 16, 237-238. | 0.2 | 0 |
| 16 | Experimental Validation of RVE Based Failure Simulations of Macro-Porous Materials. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2016, 16, 365-366. | 0.2 | 0 |
| 17 | Modeling of anisotropic boundary layer effects in plate theory. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2018, 18, e201800397. | 0.2 | 0 |
| 18 | Anisotropic and Refined Plate Theories. , 2018, , 1-7. | | 0 |

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|----|--|-----|-----------|
| 19 | Dual-energy extension of the uniform approximation approach. Proceedings in Applied Mathematics and Mechanics, 2019, 19, e201900222. | 0.2 | 0 |
| 20 | Plate theories: A mixed Vekua and consistent approximation approach. Proceedings in Applied Mathematics and Mechanics, 2021, 20, e202000124. | 0.2 | 0 |
| 21 | Anisotropic and Refined Plate Theories. , 2020, , 72-78. | | 0 |
| 22 | A robust hybrid element family for strongly compressed hyperelastic materials. Proceedings in Applied Mathematics and Mechanics, 2021, 21, . | 0.2 | 0 |
| 23 | 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 |