

# Krzysztof Kamil Å»ur

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

1,820  
citations

218592

26  
h-index

289141

40  
g-index

51  
all docs

51  
docs citations

51  
times ranked

573  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bending, free vibration, and buckling of modified couples stress-based functionally graded porous micro-plates. <i>Composite Structures</i> , 2019, 209, 879-888.	3.1	228
2	Free vibration and buckling analyses of magneto-electro-elastic FGM nanoplates based on nonlocal modified higher-order sinusoidal shear deformation theory. <i>Composites Part B: Engineering</i> , 2020, 182, 107601.	5.9	161
3	On the Vibrations and Stability of Moving Viscoelastic Axially Functionally Graded Nanobeams. <i>Materials</i> , 2020, 13, 1707.	1.3	79
4	Stability and Dynamics of Viscoelastic Moving Rayleigh Beams with an Asymmetrical Distribution of Material Parameters. <i>Symmetry</i> , 2020, 12, 586.	1.1	60
5	On the bifurcation buckling and vibration of porous nanobeams. <i>Composite Structures</i> , 2020, 250, 112632.	3.1	58
6	Free vibration analysis of elastically supported functionally graded annular plates via quasi-Green's function method. <i>Composites Part B: Engineering</i> , 2018, 144, 37-55.	5.9	56
7	A mixed variational framework for higher-order unified gradient elasticity. <i>International Journal of Engineering Science</i> , 2022, 170, 103603.	2.7	52
8	On the wave dispersion in functionally graded porous Timoshenko-Ehrenfest nanobeams based on the higher-order nonlocal gradient elasticity. <i>Composite Structures</i> , 2022, 279, 114819.	3.1	50
9	On the analytical and meshless numerical approaches to mixture stress gradient functionally graded nano-bar in tension. <i>Engineering Analysis With Boundary Elements</i> , 2022, 134, 571-580.	2.0	49
10	Free vibrations of graphene platelet reinforced composite skew plates resting on point supports. <i>Thin-Walled Structures</i> , 2022, 176, 109363.	2.7	48
11	Quasi-Green's function approach to free vibration analysis of elastically supported functionally graded circular plates. <i>Composite Structures</i> , 2018, 183, 600-610.	3.1	46
12	On the flutter of matrix cracked laminated composite plates reinforced with graphene nanoplatelets. <i>Thin-Walled Structures</i> , 2021, 158, 107161.	2.7	46
13	Nonlinear finite element analysis of temperature-dependent functionally graded porous micro-plates under thermal and mechanical loads. <i>Composite Structures</i> , 2021, 256, 112931.	3.1	46
14	On the dynamics of rotating matrix cracked FG-GPLRC cylindrical shells via the element-free IMLS-Ritz method. <i>Engineering Analysis With Boundary Elements</i> , 2021, 131, 228-239.	2.0	46
15	On the large-amplitude vibration of rotating pre-twisted graphene nanocomposite blades in a thermal environment. <i>Composite Structures</i> , 2022, 282, 115129.	3.1	46
16	On the nonlinear vibration and static deflection problems of actuated hybrid nanotubes based on the stress-driven nonlocal integral elasticity. <i>Mechanics of Materials</i> , 2020, 148, 103532.	1.7	45
17	On the piezoelectric effect on stability of symmetric FGM porous nanobeams. <i>Composite Structures</i> , 2021, 267, 113880.	3.1	45
18	Analytical and meshless numerical approaches to unified gradient elasticity theory. <i>Engineering Analysis With Boundary Elements</i> , 2021, 130, 238-248.	2.0	45

#	ARTICLE	IF	CITATIONS
19	Analytical and meshless DQM approaches to free vibration analysis of symmetric FGM porous nanobeams with piezoelectric effect. <i>Engineering Analysis With Boundary Elements</i> , 2022, 136, 266-289.	2.0	44
20	Porosity distribution effect on stress, electric field and nonlinear vibration of functionally graded nanostructures with direct and inverse flexoelectric phenomenon. <i>Composite Structures</i> , 2021, 259, 113220.	3.1	43
21	On the dynamics of FG-GPLRC sandwich cylinders based on an unconstrained higher-order theory. <i>Composite Structures</i> , 2021, 267, 113879.	3.1	43
22	Meshless numerical approach to flutter analysis of rotating pre-twisted nanocomposite blades subjected to supersonic airflow. <i>Engineering Analysis With Boundary Elements</i> , 2021, 132, 1-11.	2.0	43
23	On the dynamics of rotating cracked functionally graded blades reinforced with graphene nanoplatelets. <i>Engineering Structures</i> , 2021, 249, 113286.	2.6	43
24	Effect of Axial Porosities on Flexomagnetic Response of In-Plane Compressed Piezomagnetic Nanobeams. <i>Symmetry</i> , 2020, 12, 1935.	1.1	38
25	Green's function for frequency analysis of thin annular plates with nonlinear variable thickness. <i>Applied Mathematical Modelling</i> , 2016, 40, 3601-3619.	2.2	37
26	Free vibration analysis of discrete-continuous functionally graded circular plate via the Neumann series method. <i>Applied Mathematical Modelling</i> , 2019, 73, 166-189.	2.2	31
27	Vibrations of double-nanorod-systems with defects using nonlocal-integral-surface energy-based formulations. <i>Composite Structures</i> , 2021, 256, 113028.	3.1	30
28	Nonlinear frequency behaviour of magneto-electromechanical mass nanosensors using vibrating MEE nanoplates with multiple nanoparticles. <i>Composite Structures</i> , 2021, 260, 113458.	3.1	28
29	Numerical and experimental evidence of topological interface state in a periodic acoustic black hole. <i>Journal of Sound and Vibration</i> , 2021, 514, 116432.	2.1	26
30	Wide Rayleigh waves bandgap engineered metabarriers for ground born vibration attenuation. <i>Engineering Structures</i> , 2021, 246, 113019.	2.6	23
31	Nonlocal vibration of carbon/boron-nitride nano-hetero-structure in thermal and magnetic fields by means of nonlinear finite element method. <i>Journal of Computational Design and Engineering</i> , 2020, 7, 591-602.	1.5	21
32	On the snap-through buckling analysis of electrostatic shallow arch micro-actuator via meshless Galerkin decomposition technique. <i>Engineering Analysis With Boundary Elements</i> , 2022, 134, 388-397.	2.0	21
33	On the hygro-thermo-electro-mechanical coupling effect on static and dynamic responses of piezoelectric beams. <i>Composite Structures</i> , 2021, 259, 113248.	3.1	19
34	On the nonlinear dynamics of porous composite nanobeams connected with fullerenes. <i>Composite Structures</i> , 2021, 274, 114356.	3.1	18
35	On the flexoelectric effect on size-dependent static and free vibration responses of functionally graded piezo-flexoelectric cylindrical shells. <i>Thin-Walled Structures</i> , 2022, 179, 109699.	2.7	18
36	The smoothed finite element method for time-dependent mechanical responses of MEE materials and structures around Curie temperature. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2020, 370, 113241.	3.4	15

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37	Dynamic Behavior of Magnetically Affected Rod-Like Nanostructures with Multiple Defects via Nonlocal-Integral/Differential-Based Models. <i>Nanomaterials</i> , 2020, 10, 2306.	1.9	14
38	Multiparametric Analytical Solution for the Eigenvalue Problem of FGM Porous Circular Plates. <i>Symmetry</i> , 2019, 11, 429.	1.1	13
39	Green's function in frequency analysis of circular thin plates of variable thickness. <i>Journal of Theoretical and Applied Mechanics</i> , 0, , 873.	0.2	11
40	Evaluation of performance of magneto-electro-elastic sensor subjected to thermal-moisture coupled load via CS-FEM. <i>Thin-Walled Structures</i> , 2021, 169, 108370.	2.7	10
41	On the stability of thin-walled circular cylindrical shells under static and periodic radial loading. <i>Journal of Sound and Vibration</i> , 2022, 527, 116872.	2.1	8
42	Green's function approach to frequency analysis of thin circular plates. <i>Bulletin of the Polish Academy of Sciences: Technical Sciences</i> , 2016, 64, 181-188.	0.8	5
43	Breaking reciprocity and preserving-frequency using linear acoustic metamaterials. <i>International Journal of Modern Physics B</i> , 2021, 35, 2150089.	1.0	4
44	Zirconium metal organic framework for design of tetragonal rare earth-doped zirconia nanoparticles. <i>Journal of Rare Earths</i> , 2019, 37, 1230-1236.	2.5	2
45	Quasi-Green's function approach to fundamental frequency analysis of elastically supported thin circular and annular plates with elastic constraints. <i>Journal of Theoretical and Applied Mechanics</i> , 0, , 87.	0.2	2
46	Special Issue of <i>Nanomaterials: Mechanics of Nanostructures and Nanomaterials</i> . <i>Nanomaterials</i> , 2022, 12, 476.	1.9	2
47	Special issue of <i>Engineering Analysis with Boundary Elements: Computational approaches to mechanical response analysis of structures at diverse scales</i> . <i>Engineering Analysis With Boundary Elements</i> , 2022, 136, 1-2.	2.0	0
48	Special Issue of <i>Mathematics: Analytical and Numerical Methods for Linear and Nonlinear Analysis of Structures at Macro, Micro and Nano Scale</i> . <i>Mathematics</i> , 2022, 10, 2215.	1.1	0