# Kang-Le Wang

List of Publications by Year
in descending order



| 38 | 844 | 394421 | 501196 |
|---|---|---|---|
| papers | citations | 19 h-index | 28 g-index |

| 38 | 38 | 38 | 190 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | PHYSICAL INSIGHT OF LOCAL FRACTIONAL CALCULUS AND ITS APPLICATION TO FRACTIONAL KDVâ€“BURGERSâ€“KURAMOTO EQUATION. Fractals, 2019, 27, 1950122. | 3.7 | 85 |
| 2 | A REMARK ON WANGâ€™S FRACTAL VARIATIONAL PRINCIPLE. Fractals, 2019, 27, 1950134. | 3.7 | 80 |
| 3 | He's frequency formulation for fractal nonlinear oscillator arising in a microgravity space. Numerical Methods for Partial Differential Equations, 2021, 37, 1374-1384. | 3.6 | 64 |
| 4 | A modification of the reduced differential transform method for fractional calculus. Thermal Science, 2018, 22, 1871-1875. | 1.1 | 48 |
| 5 | A new fractal model for the soliton motion in a microgravity space. International Journal of Numerical Methods for Heat and Fluid Flow, 2021, 31, 442-451. | 2.8 | 41 |
| 6 | A study of the fractal foam drainage model in a microgravity space. Mathematical Methods in the Applied Sciences, 2021, 44, 10530-10540. | 2.3 | 39 |
| 7 | A FRACTAL VARIATIONAL PRINCIPLE FOR THE TELEGRAPH EQUATION WITH FRACTAL DERIVATIVES. Fractals, 2020, 28, 2050058. | 3.7 | 38 |
| 8 | A powerful and simple frequency formula to nonlinear fractal oscillators. Journal of Low Frequency Noise Vibration and Active Control, 2021, 40, 1373-1379. | 2.9 | 32 |
| 9 | Numerical method for fractional Zakharov-Kuznetsov equations with Heâ€™s fractional derivative. Thermal Science, 2019, 23, 2163-2170. | 1.1 | 31 |
| 10 | A new analysis for Klein-Gordon model with local fractional derivative. AEJ - Alexandria Engineering Journal, 2020, 59, 3309-3313. | 6.4 | 29 |
| 11 | Effect of Fangzhu's nanoscale surface morphology on water collection. Mathematical Methods in the Applied Sciences, 2020, , . | 2.3 | 28 |
| 12 | NOVEL APPROACH FOR FRACTAL NONLINEAR OSCILLATORS WITH DISCONTINUITIES BY FOURIER SERIES. Fractals, 2022, 30, . | 3.7 | 27 |
| 13 | VARIATIONAL PRINCIPLES FOR FRACTAL WHITHAMâ€“BROERâ€“KAUP EQUATIONS IN SHALLOW WATER. Fractals, 2021, 29, 2150028. | 3.7 | 26 |
| 14 | A NEW FRACTAL TRANSFORM FREQUENCY FORMULATION FOR FRACTAL NONLINEAR OSCILLATORS. Fractals, 2021, 29, 2150062. | 3.7 | 26 |
| 15 | Variational principle for nonlinear oscillator arising in a fractal nano/microelectromechanical system. Mathematical Methods in the Applied Sciences, 2020, , . | 2.3 | 25 |
| 16 | Exact solitary wave solution for fractal shallow water wave model by Heâ€™s variational method. Modern Physics Letters B, 2022, 36, . | 1.9 | 24 |
| 17 | New variational theory for coupled nonlinear fractal SchrÃ¶dinger system. International Journal of Numerical Methods for Heat and Fluid Flow, 2022, 32, 589-597. | 2.8 | 21 |
| 18 | FRACTAL SOLITARY WAVE SOLUTIONS FOR FRACTAL NONLINEAR DISPERSIVE BOUSSINESQ-LIKE MODELS. Fractals, 2022, 30, . | 3.7 | 21 |

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|---|---|---|---|
| 19 | A NOVEL APPROACH FOR FRACTAL BURGERSâ€“BBM EQUATION AND ITS VARIATIONAL PRINCIPLE. Fractals, 2021, 29, 2150059. | 3.7 | 20 |
| 20 | A NOVEL PERSPECTIVE FOR THE FRACTAL SCHRÃ–DINGER EQUATION. Fractals, 2021, 29, 2150093. | 3.7 | 19 |
| 21 | A NOVEL PERSPECTIVE TO THE LOCAL FRACTIONAL BIDIRECTIONAL WAVE MODEL ON CANTOR SETS. Fractals, 2022, 30, . | 3.7 | 18 |
| 22 | He's fractional derivative for the evolution equation. Thermal Science, 2020, 24, 2507-2513. | 1.1 | 16 |
| 23 | FRACTAL VARIATIONAL PRINCIPLES FOR TWO DIFFERENT TYPES OF FRACTAL PLASMA MODELS WITH VARIABLE COEFFICIENTS. Fractals, 2022, 30, . | 3.7 | 15 |
| 24 | EXACT TRAVELING WAVE SOLUTIONS FOR THE LOCAL FRACTIONAL KADOMTSOVâ€“PETVIASHVILIâ€“BENJAMINâ€“BONAâ€“MAHONY MODEL BY VARIATIONAL PERSPECTIVE. Fractals, 2022, 30, . | 3.7 | 13 |
| 25 | Solitary wave solution of nonlinear Bogoyavlenskii system by variational analysis method. International Journal of Modern Physics B, 2022, 36, . | 2.0 | 10 |
| 26 | A novel perspective to the local fractional Zakharovâ€“Kuznetsovâ€“modified equal width dynamical model on Cantor sets. Mathematical Methods in the Applied Sciences, 0, , . | 2.3 | 10 |
| 27 | Conservation laws for partial differential equations based on the polynomial characteristic method. Thermal Science, 2020, 24, 2529-2534. | 1.1 | 9 |
| 28 | Polynomial characteristic method an easy approach to lie symmetry. Thermal Science, 2020, 24, 2629-2635. | 1.1 | 7 |
| 29 | NEW ANALYTICAL APPROACH FOR NONLINEAR FRACTAL K(p,q) MODEL. Fractals, 2021, 29, 2150116. | 3.7 | 6 |
| 30 | Variational principle and its fractal approximate solution for fractal Lane-Emden equation. International Journal of Numerical Methods for Heat and Fluid Flow, 2021, 31, 2279-2287. | 2.8 | 5 |
| 31 | A new approximate analytical method for a system of fractional differential equations. Thermal Science, 2019, 23, 853-858. | 1.1 | 3 |
| 32 | A NOVEL VARIATIONAL APPROACH FOR FRACTAL GINZBURGâ€“LANDAU EQUATION. Fractals, 2021, 29, . | 3.7 | 2 |
| 33 | A NEW PERSPECTIVE FOR TWO DIFFERENT TYPES OF FRACTAL ZAKHAROVâ€“KUZNETSOV MODELS. Fractals, 2021, 29, 2150168. | 3.7 | 2 |
| 34 | Local fractional derivative: A powerful tool to model the fractal differential equation. Thermal Science, 2019, 23, 1703-1706. | 1.1 | 1 |
| 35 | Conformable fractional derivative and its application to fractional Klein-Gordon equation. Thermal Science, 2019, 23, 3745-3749. | 1.1 | 1 |
| 36 | Analytical solution for non-linear local fractional Bratu-type equation in a fractal space. Thermal Science, 2020, 24, 3941-3947. | 1.1 | 1 |

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| 37 | A NOVEL VARIATIONAL PERSPECTIVE TO FRACTAL WAVE EQUATIONS WITH VARIABLE COEFFICIENTS. Fractals, 2022, 30, . | 3.7 | 1 |
| 38 | Fractal approach to explanation of silkworm cocoonâ€™s biomechanism. Thermal Science, 2021, 25, 1501-1507. | 1.1 | 0 |