

# Richard Kollar

## List of Publications by Year in descending order

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138  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial scales, patterns, and positivity trends of SARS-CoV-2 pandemics in mass rapid antigen testing in Slovakia. PLoS ONE, 2021, 16, e0256669.	2.5	5
2	Emerging algebraic growth trends in SARS-CoV-2 pandemic data. Physical Biology, 2020, 17, 065012.	1.8	4
3	Direct Characterization of Spectral Stability of Small-Amplitude Periodic Waves in Scalar Hamiltonian Problems via Dispersion Relation. SIAM Journal on Mathematical Analysis, 2019, 51, 3145-3169.	1.9	9
4	Stability of Periodic Traveling Wave Solutions to the Kawahara Equation. SIAM Journal on Applied Dynamical Systems, 2018, 17, 2761-2783.	1.6	18
5	Existence of Traveling Waves for the Generalized Fokker-Planck Equation. Bulletin of Mathematical Biology, 2017, 79, 525-559.	1.9	6
6	Spatial Gene Frequency Waves Under Genotype-Dependent Dispersal. Genetics, 2017, 205, 367-374.	2.9	1
7	Extension and Justification of Quasi-Steady-State Approximation for Reversible Bimolecular Binding. Bulletin of Mathematical Biology, 2015, 77, 1401-1436.	1.9	4
8	Graphical Krein Signature Theory and Evans-Krein Functions. SIAM Review, 2014, 56, 73-123.	9.5	31
9	Mathematical model of alternative mechanism of telomere length maintenance. Physical Review E, 2014, 89, 032701.	2.1	3
10	Spectral Stability of Vortices in Two-Dimensional Bose-Einstein Condensates via the Evans Function and Krein Signature. Applied Mathematics Research EXpress, 2012, 2012, 1-46.	1.0	25
11	Homotopy Method for Nonlinear Eigenvalue Pencils with Applications. SIAM Journal on Mathematical Analysis, 2011, 43, 612-633.	1.9	11
12	Coherent Structures Generated by Inhomogeneities in Oscillatory Media. SIAM Journal on Applied Dynamical Systems, 2007, 6, 236-262.	1.6	13
13	Discontinuous wave equations and a topological degree for some classes of multi-valued mappings. Applications of Mathematics, 1999, 44, 15-32.	0.9	3