

# Abdolreza Tahvildar-Zadeh

## List of Publications by Year in descending order

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22  
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687363  
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citing authors

#	ARTICLE	IF	CITATIONS
1	The Einstein-Infeld-Hoffmann legacy in mathematical relativity I: The classical motion of charged point particles. , 2022, , .		0
2	The Einstein-Infeld-Hoffmann legacy in mathematical relativity II: Quantum laws of motion for singularities of spacetime. , 2022, , .		0
3	On the Dirac operator for a test electron in a Reissner-Weyl-Nordström black hole spacetime. General Relativity and Gravitation, 2021, 53, 1.	2.0	1
4	Weak second Bianchi identity for static, spherically symmetric spacetimes with timelike singularities. Classical and Quantum Gravity, 2021, 38, 185001.	4.0	0
5	A Lorentz-covariant interacting electron-photon system in one space dimension. Letters in Mathematical Physics, 2020, 110, 3153-3195.	1.1	3
6	On general-relativistic hydrogen and hydrogenic ions. Journal of Mathematical Physics, 2020, 61, 092303.	1.1	2
7	The Einstein-Infeld-Hoffmann legacy in mathematical relativity I: The classical motion of charged point particles. International Journal of Modern Physics D, 2019, 28, 1930017.	2.1	2
8	The Einstein-Infeld-Hoffmann legacy in mathematical relativity II. Quantum laws of motion for singularities of spacetime. International Journal of Modern Physics D, 2019, 28, 1930018.	2.1	0
9	On the quantum-mechanics of a single photon. Journal of Mathematical Physics, 2018, 59, .	1.1	16
10	Dirac's Point Electron in the Zero-Gravity Kerr-Newman World. , 2016, , 441-469.		0
11	On a zero-gravity limit of the Kerr-Newman spacetimes and their electromagnetic fields. Journal of Mathematical Physics, 2015, 56, 042501.	1.1	10
12	ON THE STATIC SPACETIME OF A SINGLE POINT CHARGE. Reviews in Mathematical Physics, 2011, 23, 309-346.	1.7	20
13	Strichartz estimates for the wave and Schroedinger equations with potentials of critical decay. Indiana University Mathematics Journal, 2004, 53, 1667-1682.	0.9	109
14	Scalar waves on a naked-singularity background. Classical and Quantum Gravity, 2004, 21, 2831-2848.	4.0	13
15	Strichartz estimates for the wave and Schrödinger equations with the inverse-square potential. Journal of Functional Analysis, 2003, 203, 519-549.	1.4	165
16	Dispersive estimate for the wave equation with the inverse-square potential. Discrete and Continuous Dynamical Systems, 2003, 9, 1387-1400.	0.9	47
17	Global existence of the equivariant Yang-Mills heat flow in four space dimensions. American Journal of Mathematics, 1998, 120, 117-128.	1.1	16
18	On the Stability of Stationary Wave Maps}. Communications in Mathematical Physics, 1997, 185, 231-256.	2.2	15

#	ARTICLE	IF	CITATIONS
19	On the cauchy problem for equivariant wave maps. Communications on Pure and Applied Mathematics, 1994, 47, 719-754.	3.1	93
20	On the regularity of spherically symmetric wave maps. Communications on Pure and Applied Mathematics, 1993, 46, 1041-1091.	3.1	119
21	On the asymptotic behavior of spherically symmetric wave maps. Duke Mathematical Journal, 1993, 71, 31.	1.5	46
22	Regularity of harmonic maps from the Minkowski space into rotationally symmetric manifolds. Communications on Pure and Applied Mathematics, 1992, 45, 947-971.	3.1	60