

Abdolreza Tahvildar-Zadeh

List of Publications by Year in descending order

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189
citing authors

#	ARTICLE	IF	CITATIONS
1	Strichartz estimates for the wave and Schrödinger equations with the inverse-square potential. Journal of Functional Analysis, 2003, 203, 519-549.	1.4	165
2	On the regularity of spherically symmetric wave maps. Communications on Pure and Applied Mathematics, 1993, 46, 1041-1091.	3.1	119
3	Strichartz estimates for the wave and Schroedinger equations with potentials of critical decay. Indiana University Mathematics Journal, 2004, 53, 1667-1682.	0.9	109
4	On the cauchy problem for equivariant wave maps. Communications on Pure and Applied Mathematics, 1994, 47, 719-754.	3.1	93
5	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
6	Dispersive estimate for the wave equation with the inverse-square potential. Discrete and Continuous Dynamical Systems, 2003, 9, 1387-1400.	0.9	47
7	On the asymptotic behavior of spherically symmetric wave maps. Duke Mathematical Journal, 1993, 71, 31.	1.5	46
8	ON THE STATIC SPACETIME OF A SINGLE POINT CHARGE. Reviews in Mathematical Physics, 2011, 23, 309-346.	1.7	20
9	Global existence of the equivariant Yang-Mills heat flow in four space dimensions. American Journal of Mathematics, 1998, 120, 117-128.	1.1	16
10	On the quantum-mechanics of a single photon. Journal of Mathematical Physics, 2018, 59, .	1.1	16
11	On the Stability of Stationary Wave Maps}. Communications in Mathematical Physics, 1997, 185, 231-256.	2.2	15
12	Scalar waves on a naked-singularity background. Classical and Quantum Gravity, 2004, 21, 2831-2848.	4.0	13
13	On a zero-gravity limit of the Kerr-Newman spacetimes and their electromagnetic fields. Journal of Mathematical Physics, 2015, 56, 042501.	1.1	10
14	A Lorentz-covariant interacting electron-photon system in one space dimension. Letters in Mathematical Physics, 2020, 110, 3153-3195.	1.1	3
15	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
16	On general-relativistic hydrogen and hydrogenic ions. Journal of Mathematical Physics, 2020, 61, 092303.	1.1	2
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Weak second Bianchi identity for static, spherically symmetric spacetimes with timelike singularities. Classical and Quantum Gravity, 2021, 38, 185001.	4.0	0
20	Dirac's Point Electron in the Zero-Gravity Kerr-Newman World. , 2016, , 441-469.		0
21	The Einstein-Infeld-Hoffmann legacy in mathematical relativity I: The classical motion of charged point particles. , 2022, , .		0
22	The Einstein-Infeld-Hoffmann legacy in mathematical relativity II: Quantum laws of motion for singularities of spacetime. , 2022, , .		0