

Frank Tabakin

List of Publications by Year in descending order

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36
papers

1,729
citations

394286

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345118

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36
times ranked

465
citing authors

#	ARTICLE	IF	CITATIONS
1	Model dynamics for quantum computing. <i>Annals of Physics</i> , 2017, 383, 33-78.	1.0	9
2	QDENSITY/QCWAVE: A Mathematica quantum computer simulation update. <i>Computer Physics Communications</i> , 2016, 201, 171-172.	3.0	4
3	QCWAVE – A Mathematica quantum computer simulation update. <i>Computer Physics Communications</i> , 2011, 182, 1693-1707.	3.0	9
4	QDENSITY – A Mathematica quantum computer simulation. <i>Computer Physics Communications</i> , 2009, 180, 474.	3.0	5
5	QCMPI: A parallel environment for quantum computing. <i>Computer Physics Communications</i> , 2009, 180, 948-964.	3.0	23
6	QDENSITY – A Mathematica Quantum Computer simulation. <i>Computer Physics Communications</i> , 2006, 174, 914-934.	3.0	20
7	Constraints on vector meson photoproduction spin observables. <i>Physical Review C</i> , 1999, 61, .	1.1	8
8	Quark-antiquark bound states within a Dyson-Schwinger Bethe-Salpeter formalism. <i>Nuclear Physics A</i> , 1998, 628, 645-668.	0.6	14
9	Spin information from vector-meson decay in photoproduction. <i>Physical Review C</i> , 1998, 58, 1086-1097.	1.1	17
10	Completeness rules for spin observables in pseudoscalar meson photoproduction. <i>Physical Review C</i> , 1997, 55, 2054-2066.	1.1	159
11	Pseudoscalar meson photoproduction: From known to undiscovered resonances. <i>Physical Review C</i> , 1997, 55, 917-928.	1.1	16
12	Polarization observables in vector meson photoproduction. <i>Physical Review C</i> , 1996, 53, 593-610.	1.1	39
13	Nodal trajectories of spin observables and kaon photoproduction dynamics. <i>Physical Review C</i> , 1996, 53, 66-78.	1.1	19
14	Multipole analysis of spin observables in vector meson photoproduction. <i>Physical Review C</i> , 1996, 53, 1132-1142.	1.1	8
15	Polarization observables in vector meson photoproduction. <i>Nuclear Physics A</i> , 1994, 570, 311-318.	0.6	6
16	Spin observables at threshold for meson photoproduction. <i>Physical Review C</i> , 1992, 46, 2430-2455.	1.1	62
17	Spin observables at threshold for the reaction $p\bar{p} \rightarrow \pi^+\pi^-\pi^0$. <i>Physical Review C</i> , 1991, 44, 1749-1767.	1.1	21
18	Coupled-channels study of antiproton-proton reactions. <i>Physical Review C</i> , 1990, 41, 665-679.	1.1	18

#	ARTICLE	IF	CITATIONS
19	Hypernuclear photoproduction. <i>Annals of Physics</i> , 1988, 184, 33-61.	1.0	42
20	Meson exchange calculation of the $p\bar{p}\pi^+\pi^+$ reaction. <i>Physical Review C</i> , 1985, 31, 1857-1875.	1.1	58
21	Nuclear densities in momentum space. <i>Physical Review C</i> , 1982, 26, 1-7.	1.1	13
22	Pipit: A momentum space optical potential code for pions. <i>Computer Physics Communications</i> , 1976, 12, 237-257.	3.0	97
23	Pion-nucleus coordinate-space potential. <i>Physical Review C</i> , 1974, 9, 188-199.	1.1	21
24	Momentum-space study of pion-nucleus inelastic scattering. <i>Nuclear Physics A</i> , 1974, 226, 253-281.	0.6	52
25	Absorptive Separable Potentials Constructed from πN Data. <i>Physical Review D</i> , 1972, 5, 2746-2754.	1.6	57
26	Estimate of the Importance of Retardation in Nuclear Binding. <i>Physical Review C</i> , 1972, 6, 1143-1150.	1.1	3
27	Relativistic nuclear matter calculations and the deficiency of one-boson exchange potentials. <i>Nuclear Physics A</i> , 1972, 191, 332-352.	0.6	13
28	Off-Shell Effects in Nuclear Matter. <i>Physical Review C</i> , 1971, 3, 921-936.	1.1	61
29	Role of mesons in nuclear saturation. <i>Nuclear Physics A</i> , 1970, 154, 1-11.	0.6	2
30	Nuclear saturation and the smoothness of nucleon-nucleon potentials. <i>Nuclear Physics A</i> , 1970, 158, 1-42.	0.6	193
31	Inverse Scattering Problem for Separable Potentials. <i>Physical Review</i> , 1969, 177, 1443-1451.	2.7	46
32	Single Separable Potential with Attraction and Repulsion. <i>Physical Review</i> , 1968, 174, 1208-1212.	2.7	120
33	Semi-infinite matter and the nuclear surface. <i>Nuclear Physics A</i> , 1967, 100, 574-608.	0.6	14
34	Smooth Velocity-Dependent Potential and Nuclear Matter. <i>Physical Review</i> , 1966, 150, 793-800.	2.7	24
35	Short-Range Correlations and the Three-Body Binding Energy. <i>Physical Review</i> , 1965, 137, B75-B79.	2.7	73
36	An effective interaction for nuclear hartree-fock calculations. <i>Annals of Physics</i> , 1964, 30, 51-94.	1.0	383