Francisco Antonio Bezerra Coutinho

List of Publications by Year
in descending order

165 papers	2,981 citations	147566 31 h-index	233125 45 g-index
171 all docs	171 docs citations	171 times ranked	2375 citing authors

#	Article	IF	Citations
1	Modelling the test, trace and quarantine strategy to control the COVID-19 epidemic in the state of São Paulo, Brazil. Infectious Disease Modelling, 2021, 6, 46-55.	1.2	21
2	Modelling the impact of contact tracing of symptomatic individuals on the COVID-19 epidemic. Clinics, 2021, 76, e2639.	0.6	4
3	Estimating the effects of reopening of schools on the course of the epidemic of COVID-19. Epidemiology and Infection, 2021, 149, e86.	1.0	5
4	Some Problems with the Dirac Delta Function: Divergent Series in Physics. Brazilian Journal of Physics, 2021, 51, 1324-1332.	0.7	4
5	Modelling the impact of delaying vaccination against SARS-CoV-2 assuming unlimited vaccine supply. Theoretical Biology and Medical Modelling, 2021, 18, 14.	2.1	24
6	The risk of malaria infection for travelers visiting the Brazilian Amazonian region: A mathematical modeling approach. Travel Medicine and Infectious Disease, 2020, 37, 101792.	1.5	6
7	Two complementary model-based methods for calculating the risk of international spreading of a novel virus from the outbreak epicentre. The case of COVID-19. Epidemiology and Infection, 2020, 148, e109.	1.0	13
8	Modelling an optimum vaccination strategy against ZIKA virus for outbreak use. Epidemiology and Infection, 2019, 147, e196.	1.0	5
9	Estimating the probability of dengue virus introduction and secondary autochthonous cases in Europe. Scientific Reports, 2018, 8, 4629.	1.6	44
10	The effect of the infection within the individual host on its propagation in the population. Infectious Disease Modelling, 2018, 3, 345-361.	1.2	1
11	The risk of urban yellow fever resurgence in <i>Aedes</i>-infested American cities. Epidemiology and Infection, 2018, 146, 1219-1225.	1.0	17
12	The Estimate of the Impact of Coccyx Resection in Surgical Field Exposure During Abdominal Perineal Resection Using Preoperative High‐Resolution Magnetic Resonance. World Journal of Surgery, 2018, 42, 3765-3770.	0.8	0
13	A Note on the Risk of Infections Invading Unaffected Regions. Computational and Mathematical Methods in Medicine, 2018, 2018, 1-8.	0.7	1
14	Is vaccinating monkeys against yellow fever the ultimate solution for the Brazilian recurrent epizootics?. Epidemiology and Infection, 2018, 146, 1622-1624.	1.0	6
15	On the origin and timing of Zika virus introduction in Brazil. Epidemiology and Infection, 2017, 145, 2303-2312.	1.0	35
16	On the definition of the time evolution operator for time-independent Hamiltonians in non-relativistic quantum mechanics. American Journal of Physics, 2017, 85, 692-697.	0.3	2
17	Estimating the size of Aedes aegypti populations from dengue incidence data: Implications for the risk of yellow fever outbreaks. Infectious Disease Modelling, 2017, 2, 441-454.	1.2	18
18	Estimating the prevalence of infectious diseases from under-reported age-dependent compulsorily notification databases. Theoretical Biology and Medical Modelling, 2017, 14, 23.	2.1	9

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19	Overactive bladder â€" 18 years â€" Part II. International Braz J Urol: Official Journal of the Brazilian Society of Urology, 2016, 42, 199-214.	0.7	13
20	Instantaneous Spreading Versus Space Localization for Nonrelativistic Quantum Systems. Brazilian Journal of Physics, 2016, 46, 462-470.	0.7	3
21	Potential exposure to Zika virus for foreign tourists during the 2016 Carnival and Olympic Games in Rio de Janeiro, Brazil. Epidemiology and Infection, 2016, 144, 1904-1906.	1.0	29
22	Modeling Importations and Exportations of Infectious Diseases via Travelers. Bulletin of Mathematical Biology, 2016, 78, 185-209.	0.9	46
23	Estimating the Size of the HCV Infection Prevalence: A Modeling Approach Using the Incidence of Cases Reported to an Official Notification System. Bulletin of Mathematical Biology, 2016, 78, 970-990.	0.9	9
24	The olympically mismeasured risk of Zika virus in Rio de Janeiro â€" Authors' reply. Lancet, The, 2016, 388, 658-659.	6.3	5
25	Magnitude and frequency variations of vector-borne infection outbreaks using the Rossâ€"Macdonald model: explaining and predicting outbreaks of dengue fever. Epidemiology and Infection, 2016, 144, 3435-3450.	1.0	15
26	A Model-Based Strategy to Control the Spread of Carbapenem-Resistant Enterobacteriaceae: Simulate and Implement. Infection Control and Hospital Epidemiology, 2016, 37, 1315-1322.	1.0	23
27	Is Zika a substantial risk for visitors to the Rio de Janeiro Olympic Games?. Lancet, The, 2016, 388, 25.	6.3	30
28	The risk of dengue for non-immune foreign visitors to the 2016 summer olympic games in Rio de Janeiro, Brazil. BMC Infectious Diseases, 2016, 16, 186.	1.3	31
29	Age and regional differences in clinical presentation and risk of hospitalization for dengue in Brazil, 2000-2014. Clinics, 2016, 71, 455-463.	0.6	29
30	A public health risk assessment for yellow fever vaccination: a model exemplified by an outbreak in the state of SÃ£o Paulo, Brazil. Memorias Do Instituto Oswaldo Cruz, 2015, 110, 230-234.	0.8	7
31	Interpretations and pitfalls in modelling vector-transmitted infections. Epidemiology and Infection, 2015, 143, 1803-1815.	1.0	10
32	Risk of symptomatic dengue for foreign visitors to the 2014 FIFA World Cup in Brazil. Memorias Do Instituto Oswaldo Cruz, 2014, 109, 394-397.	0.8	27
33	THE MATHEMATICS OF LIVER TRANSPLANTATION. , 2014, , .		0
34	Will people change their vector-control practices in the presence of an imperfect dengue vaccine?. Epidemiology and Infection, 2014, 142, 625-633.	1.0	11
35	A Comparative Analysis of the Relative Efficacy of Vector-Control Strategies Against Dengue Fever. Bulletin of Mathematical Biology, 2014, 76, 697-717.	0.9	45
36	David Bloorâ€"The Enigma of the Airfoil: Rival Theories in Aerodynamics, 1909â€"1930,. Brazilian Journal of Physics, 2014, 44, 289-290.	0.7	0

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37	A negative correlation between dengue and bushfires in Brazil. Journal of Environmental Health, 2014, 76, 66-7.	0.5	1
38	The Impact of Hepatitis A Virus Infection on Hepatitis C Virus Infection: A Competitive Exclusion Hypothesis. Bulletin of Mathematical Biology, 2013, 75, 82-93.	0.9	10
39	A mathematical model for optimizing the indications of liver transplantation in patients with hepatocellular carcinoma. Theoretical Biology and Medical Modelling, 2013, 10, 60.	2.1	2
40	Theoretical impact of insecticide-impregnated school uniforms on dengue incidence in Thai children. Global Health Action, 2013, 6, 20473.	0.7	9
41	QUANTIFYING THE RISK OF MOSQUITO-BORNE INFECTIONS BASING ON THE EQUILIBRIUM PREVALENCE IN HUMANS. , 2013, , .		0
42	Maximum Equilibrium Prevalence of Mosquito-Borne Microparasite Infections in Humans. Computational and Mathematical Methods in Medicine, 2013, 2013, 1-7.	0.7	4
43	One-dimensional point interaction with Griffithsâ€™ boundary conditions. Canadian Journal of Physics, 2012, 90, 383-389.	0.4	4
44	Vectorial capacity, basic reproduction number, force of infection and all that: formal notation to complete and adjust their classical concepts and equations. Memorias Do Instituto Oswaldo Cruz, 2012, 107, 564-567.	0.8	36
45	The cost of dengue control. Lancet, The, 2011, 377, 1630-1631.	6.3	36
46	Why dengue and yellow fever coexist in some areas of the world and not in others?. BioSystems, 2011, 106, 111-120.	0.9	31
47	Entomological repercussions of increasing environmental temperatures. Physics of Life Reviews, 2011, , .	1.5	0
48	Cost risk benefit analysis to support chemoprophylaxis policy for travellers to malaria endemic countries. Malaria Journal, 2011, 10, 130.	0.8	22
49	Modeling the impact of global warming on vector-borne infections. Physics of Life Reviews, 2011, 8, 169-99.	1.5	43
50	Modeling the Competition Between Viruses in a Complex Plantâ€"Pathogen System. Phytopathology, 2010, 100, 1042-1047.	1.1	13
51	Modeling the Dynamics of Viral Evolution ConsideringÂ Competition Within Individual Hosts andÂ atÂ Population Level: The Effects of Treatment. Bulletin of Mathematical Biology, 2010, 72, 1294-1314.	0.9	10
52	The risk of acquiring the new influenza A(H1N1) for Brazilian travelers to Chile, Argentina and the USA. Memorias Do Instituto Oswaldo Cruz, 2010, 105, 179-183.	0.8	5
53	A hypothesis for the 2007 dengue outbreak in Singapore. Epidemiology and Infection, 2010, 138, 951-957.	1.0	14
54	Relationship among epidemiological parameters of six childhood infections in a non-immunized Brazilian community. Memorias Do Instituto Oswaldo Cruz, 2009, 104, 897-900.	0.8	10

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55	A note on nonholonomic systems. Revista Brasileira De Ensino De Fisica, 2009, 31, 2702.1-2702.2.	0.2	0
56	Unusual situations that arise with the Dirac delta function and its derivative. Revista Brasileira De Ensino De Fisica, 2009, 31, 4302-4308.	0.2	13
57	An efficient prescription to find the eigenfunctions of point interactions Hamiltonians. European Journal of Physics, 2009, 30, L51-L54.	0.3	0
58	Renormalizing the kinetic energy operator in elementary quantum mechanics. European Journal of Physics, 2009, 30, 1015-1023.	0.3	8
59	Estimation of R_0 from the initial phase of an outbreak of a vector-borne infection. Tropical Medicine and International Health, 2009, 15, 120-6.	1.0	37
60	A hypothesis for explaining single outbreaks (like the Black Death in European cities) of vector-borne infections. Medical Hypotheses, 2009, 73, 110-114.	0.8	2
61	Modeling the risk of malaria for travelers to areas with stable malaria transmission. Malaria Journal, 2009, 8, 296.	0.8	21
62	Cost-effectiveness analysis of a hypothetical hepatitis C vaccine compared to antiviral therapy. Epidemiology and Infection, 2009, 137, 241-249.	1.0	21
63	MODELING THE RISK OF FALCIPARUM MALARIA FOR TRAVELERS TO HOLOENDEMIC REGIONS. , 2009, , .		0
64	An optimization model for antibiotic use. Applied Mathematics and Computation, 2008, 201, 161-167.	1.4	15
65	The Risk of Chikungunya Fever in a Dengue€Endemic Area. Journal of Travel Medicine, 2008, 15, 147-155.	1.4	54
66	The role of boundary conditions in specifying the system: Comment on a comment by Cisneros et al. [Am. J. Phys. 75 (10), 953â€"955 (2007)]. American Journal of Physics, 2008, 76, 588-589.	0.3	2
67	An optimal vaccination strategy against rotavirus. Vaccine, 2008, 26, 2807.	1.7	0
68	Viral evolution and the competitive exclusion principle. Bioscience Hypotheses, 2008, 1, 168-171.	0.2	10
69	One-dimensional point interaction with three complex parameters. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 235306.	0.7	2
70	Modelling the control strategies against dengue in Singapore. Epidemiology and Infection, 2008, 136, 309-319.	1.0	138
71	Dynamics of the 2006/2007 dengue outbreak in Brazil. Memorias Do Instituto Oswaldo Cruz, 2008, 103, 535-539.	0.8	46
72	The time-dependent Schrödinger equation: the need for the Hamiltonian to be self-adjoint. Brazilian Journal of Physics, 2008, 38, 178-187.	0.7	10

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73	The 1918 influenza A epidemic in the city of SÃ£o Paulo, Brazil. Medical Hypotheses, 2007, 68, 442-445.	0.8	52
74	Energy-dependent point interaction: Self-adjointness. Canadian Journal of Physics, 2006, 84, 991-1005.	0.4	4
75	The impact of imperfect vaccines on the evolution of HIV virulence. Medical Hypotheses, 2006, 66, 907-911.	0.8	35
76	A schematic age-structured compartment model of the impact of antiretroviral therapy on HIV incidence and prevalence. Mathematics and Computers in Simulation, 2006, 71, 131-148.	2.4	5
77	Threshold Conditions for a Non-Autonomous Epidemic System Describing the Population Dynamics of Dengue. Bulletin of Mathematical Biology, 2006, 68, 2263-2282.	0.9	104
78	Comment on â€œZero-range potentials for Dirac particles: Scattering and related continuum problemsâ€. Physical Review A, 2006, 73, .	1.0	2
79	MODELING PLAGUE DYNAMICS: ENDEMIC STATES, OUTBREAKS AND EPIDEMIC WAVES. , 2006, , .		0
80	An approximate threshold condition for non-autonomous system: An application to a vector-borne infection. Mathematics and Computers in Simulation, 2005, 70, 149-158.	2.4	34
81	The change from intravenous to crack cocaine and its impact on reducing HIV incidence in Brazilian prisons. International Journal of STD and AIDS, 2005, 16, 836-837.	0.5	9
82	Fermi pseudo-potential and energy-dependent point interactions in one dimension. AIP Conference Proceedings, 2005, , .	0.3	0
83	Energy-dependent point interactions in one dimension. Journal of Physics A, 2005, 38, 4989-4998.	1.6	10
84	-invariant point interactions in one dimension. Journal of Physics A, 2005, 38, L519-L522.	1.6	3
85	Forecasting versus projection models in epidemiology: The case of the SARS epidemics. Medical Hypotheses, 2005, 65, 17-22.	0.8	49
86	Yellow fever vaccination: How much is enough?. Vaccine, 2005, 23, 3908-3914.	1.7	38
87	Comment on â€œThe distribution of composite measurements: How to be certain of the uncertainties in what we measure,â€by M. P. Silverman, W. Strange, and T. C. Lipscombe [Am. J. Phys. 72 (8), 1068â€"1081 (2004)]. American Journal of Physics, 2004, 72, 1530-1530.	0.3	0
88	Operator domains and self-adjoint operators. American Journal of Physics, 2004, 72, 203-213.	0.3	63
89	The Eyam plague revisited: did the village isolation change transmission from fleas to pulmonary?. Medical Hypotheses, 2004, 63, 911-915.	0.8	25
90	Can the human brain do quantum computing?. Medical Hypotheses, 2004, 63, 895-899.	0.8	13

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91	How many non-crystalline solids can be made from all the elements of the periodic table?. Journal of Non-Crystalline Solids, 2004, 347, 285-288.	1.5	59
92	Point interactions in one-dimensional quantum mechanics with coupled channels. Journal of Physics A, 2004, 37, 2989-2997.	1.6	3
93	The Fermi pseudo-potential in one dimension. Journal of Physics A, 2004, 37, 10653-10663.	1.6	12
94	Vaccination against rubella: Analysis of the temporal evolution of the age-dependent force of infection and the effects of different contact patterns. Physical Review E, 2003, 67, 051907.	0.8	33
95	Dengue and the risk of urban yellow fever reintroduction in São Paulo State, Brazil. Revista De Saude Publica, 2003, 37, 477-484.	0.7	54
96	Which phase of the natural history of HIV infection is more transmissible?. International Journal of STD and AIDS, 2002, 13, 430-431.	0.5	4
97	Dirac's hole theory versus quantum field theory. Canadian Journal of Physics, 2002, 80, 837-845.	0.4	7
98	Threshold conditions for infection persistence in complex host-vectors interactions. Comptes Rendus - Biologies, 2002, 325, 1073-1084.	0.1	49
99	On the delta function normalization of the wave functions of the aharonov-bohm scattering of a dirac particle. Brazilian Journal of Physics, 2002, 32, 636-640.	0.7	1
100	A Mixed Ectoparasite–Microparasite Model for Bat-Transmitted Rabies. Theoretical Population Biology, 2001, 60, 265-279.	0.5	15
101	N-methyl-d-aspartate channel and consciousness: from signal coincidence detection to quantum computing. Progress in Neurobiology, 2001, 64, 555-573.	2.8	41
102	Modeling the impact of imperfect HIV vaccines on the incidence of the infection. Mathematical and Computer Modelling, 2001, 34, 345-351.	2.0	15
103	The risk of yellow fever in a dengue-infested area. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2001, 95, 370-374.	0.7	118
104	Modelling the Natural History of HIV Infection in Individuals and its Epidemiological Implications. Bulletin of Mathematical Biology, 2001, 63, 1041-1062.	0.9	20
105	A MODEL-INDEPENDENT ANALYSIS OF THE DEMOGRAPHIC IMPACT OF HIV/AIDS IN THE STATE OF SÃO PAULO, BRAZIL. Journal of Biological Systems, 2001, 09, 255-267.	0.5	1
106	On the most general boundary conditions for the Aharonov-Bohm scattering of a Dirac particle: helicity and Aharonov-Bohm symmetry conservation. Journal of Physics A, 2001, 34, 8859-8876.	1.6	11
107	On the uniqueness of the positive solution of an integral equation which appears in epidemiological models. Journal of Mathematical Biology, 2000, 40, 199-228.	0.8	9
108	Zel'dovich's method of perturbation theory in quantum mechanics. Journal of Physics A, 2000, 33, 283-292.	1.6	1

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109	A theoretical model of the evolution of virulence in sexually transmitted HIV/AIDS. Revista De Saude Publica, 1999, 33, 329-333.	0.7	6
110	Time-reversal aspect of the point interactions in one-dimensional quantum mechanics. Journal of Physics A, 1999, 32, L133-L136.	1.6	28
111	Two definitions of the electric polarizability of a bound system in relativistic quantum theory. American Journal of Physics, 1999, 67, 735-736.	0.3	0
112	Modelling the spread of infections when the contact rate among individuals is short ranged: Propagation of epidemic waves. Mathematical and Computer Modelling, 1999, 29, 55-69.	2.0	9
113	Modelling heterogeneities in individual frailties in epidemic models. Mathematical and Computer Modelling, 1999, 30, 97-115.	2.0	38
114	Acquired Immunity of a Schistosomiasis Transmission Model—Analysis of the Stabilizing Effects. Journal of Theoretical Biology, 1999, 196, 473-482.	0.8	7
115	Validity of Feynman's prescription of disregarding the Pauli principle in intermediate states. Physical Review A, 1999, 59, 2624-2630.	1.0	7
116	On the Triviality of (λφ4)d+1 in the Nonrelativistic and Lee Approximations. Annals of Physics, 1999, 277, 94-116.	1.0	2
117	Many-body system with a four-parameter family of point interactions in one dimension. Journal of Physics A, 1999, 32, 4931-4942.	1.6	28
118	A mathematical model of the impact of crack-cocaine use on the prevalence of HIV/AIDS among drug users. Mathematical and Computer Modelling, 1998, 28, 21-29.	2.0	14
119	Modelling the Dynamics of Leishmaniasis Considering Human, Animal Host and Vector Populations. Journal of Biological Systems, 1998, 06, 337-356.	0.5	44
120	Logarithmic perturbation expansion for the Dirac equation in one dimension: Application to the polarizability calculation. American Journal of Physics, 1997, 65, 788-794.	0.3	7
121	Motion of articulated bodies: An application of gauge invariance in classical Lagrangian mechanics. American Journal of Physics, 1997, 65, 528-536.	0.3	3
122	Generalized point interactions in one-dimensional quantum mechanics. Journal of Physics A, 1997, 30, 3937-3945.	1.6	72
123	Behaviour of wavepackets of the 'Dirac oscillator': Dirac representation versus Foldy - Wouthuysen representation. Journal of Physics A, 1997, 30, 2585-2595.	1.6	50
124	Acquired Immunity on a Schistosomiasis Transmission Model — Fitting The Data. Journal of Theoretical Biology, 1997, 188, 495-506.	0.8	12
125	Bound states in two dimensions and the variational principle. American Journal of Physics, 1996, 64, 818-818.	0.3	1
126	A variational proof of the Thomas effect. Journal of Mathematical Physics, 1995, 36, 1625-1635.	0.5	8

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127	MODELLING AGE-DEPENDENT TRANSMISSION RATES FOR CHILDHOOD INFECTIONS. Journal of Biological Systems, 1995, 03, 803-812.	0.5	8
128	MODELLING THE ROLE OF IMMUNITY IN MACROPARASITE INFECTIONS. Journal of Biological Systems, 1995, 03, 379-387.	0.5	3
129	Assessing the Efficacy of a Mixed Vaccination Strategy against Rubella in São Paulo, Brazil. International Journal of Epidemiology, 1995, 24, 842-850.	0.9	60
130	Self-adjoint extensions of the Hamiltonian for a charged spin- 1/2 particle in the Aharonov-Bohm field. Journal of Physics A, 1994, 27, 6539-6550.	1.6	8
131	Helicity conservation in the Aharonov-Bohm scattering of Dirac particles. Physical Review D, 1994, 49, 2092-2097.	1.6	20
132	The basic reproduction ratio of HIV among intravenous drug users. Mathematical Biosciences, 1994, 123, 227-247.	0.9	36
133	A model-based design of a vaccination strategy against rubella in a non-immunized community of São Paulo State, Brazil. Epidemiology and Infection, 1994, 112, 579-594.	1.0	54
134	Modeling the interaction between aids and tuberculosis. Mathematical and Computer Modelling, 1993, 17, 7-21.	2.0	19
135	Boundary conditions in the Aharonov-Bohm scattering of Dirac particles and the effect of Coulomb interaction. Physical Review D, 1993, 48, 932-939.	1.6	16
136	Effects of vaccination programmes on transmission rates of infections and related threshold conditions for control. Mathematical Medicine and Biology, 1993, 10, 187-206.	0.8	18
137	Malaria transmission rates estimated from serological data. Epidemiology and Infection, 1993, 111, 503-524.	1.0	12
138	Malaria prevalence amongst Brazilian Indians assessed by a new mathematical model. Epidemiology and Infection, 1993, 111, 525-538.	1.0	10
139	Self-adjoint extensions of the Hamiltonian for a charged particle in the presence of a thread of magnetic flux. Physical Review A, 1992, 46, 6052-6055.	1.0	19
140	Comment on ''An algebraic approach for solving mechanical problems,''' by C. F. de Souza and M. M. Gandelman [Am. J. Phys. 58, 491–495 (1990)]. American Journal of Physics, 1991, 59, 1148-1148.	0.3	0
141	Conditions for the existence of bound states of a Dirac particle in two and three dimensions. Physics Letters, Section A: General, Atomic and Solid State Physics, 1991, 161, 26-29.	0.9	3
142	Schrödinger equation in two dimensions for a zero–range potential and a uniform magnetic field: An exactly solvable model. American Journal of Physics, 1991, 59, 52-54.	0.3	39
143	Zero-range potential for the Dirac equation in two and three space dimensions: Elementary proof of Svendsen's theorem. Physical Review A, 1990, 42, 5716-5719.	1.0	14
144	Using the variational principle to prove the existence of bound states: A remark. American Journal of Physics, 1990, 58, 519-519.	0.3	1

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145	General aspects of the bound‐state solutions of the one‐dimensional Dirac equation. American Journal of Physics, 1988, 56, 904-907.	0.3	28
146	Two-body Dirac equation: illustration in one space dimension. Canadian Journal of Physics, 1988, 66, 769-775.	0.4	2
147	A lower bound for the ground-state energy of many particles moving in one dimension. Journal of Physics A, 1988, 21, 1847-1856.	1.6	3
148	Exactly solvable relativistic Hartree-Fock equation. Physical Review A, 1987, 36, 1008-1012.	1.0	2
149	Conditions for the existence of bound states of a Dirac particle in one dimension. Physics Letters, Section A: General, Atomic and Solid State Physics, 1987, 124, 211-214.	0.9	13
150	Logarithmic corrections to the uncertainty principle and infinitude of the number of bound states of N‐particle systems. Journal of Mathematical Physics, 1986, 27, 1537-1540.	0.5	2
151	Relativistic center-of-mass variables and the harmonic oscillator quark model calculation of the nucleon magnetic moment and the axial-vector coupling constant. Annals of Physics, 1986, 168, 181-206.	1.0	1
152	Bound states of N particles: A variational approach. Journal of Mathematical Physics, 1985, 26, 2262-2267.	0.5	7
153	On some general properties of the point spectrum of three particles moving in one dimension. Journal of Mathematical Physics, 1984, 25, 2589-2592.	0.5	1
154	Role of the $L=1$ baryon excitation in the giant electric dipole resonance. Physical Review C, 1984, 29, 2251-2253.	1.1	0
155	Sufficient conditions for the existence of bound states of N particles with attractive potentials. Physics Letters, Section A: General, Atomic and Solid State Physics, 1984, 100, 460-462.	0.9	23
156	On the existence of bound states of N-particle systems in one and two dimensions. Physics Letters, Section A: General, Atomic and Solid State Physics, 1983, 97, 242-244.	0.9	12
157	Off‐the‐mass shell scattering amplitude in a two‐particle potential model. American Journal of Physics, 1982, 50, 41-45.	0.3	0
158	A model of schistosomiasis incorporating the searching capacity of the miracidium. Parasitology, 1981, 82, 111-120.	0.7	7
159	Qualitative analysis of oscillations in isolated populations of flies. Journal of Theoretical Biology, 1978, 71, 505-514.	0.8	26
160	On the effects of a parity-violating one-body potential. Journal of Physics G: Nuclear Physics, 1977, 3, L1-L4.	0.8	1
161	Nucleon-nucleon interaction in nuclear matter. Physical Review C, 1977, 16, 777-783.	1.1	1
162	Backscattering of α particles by light nuclei. Physical Review C, 1976, 14, 1280-1284.	1.1	4

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163	Dynamics of populations ofBiomphalaria glabrata and the von forerster equation. The Bulletin of Mathematical Biophysics, 1974, 36, 29-37.	0.5	1
164	A theoretical study of T-violation in 192Pt. Nuclear Physics A, 1973, 211, 157-164.	0.6	13
165	Snail population in running water. The Bulletin of Mathematical Biophysics, 1973, 35, 449-458.	0.5	2