

Enrique Arribas

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

576
citations

623734

14
h-index

677142

22
g-index

76
all docs

76
docs citations

76
times ranked

398
citing authors

#	ARTICLE	IF	CITATIONS
1	Comment on "multivariable quantitative relation between cell viability and the exposure parameters of 9.33 GHz RF-EMP irradiation"; Electromagnetic Biology and Medicine, 2022, 41, 118-119.	1.4	0
2	Physical units to report intensity of electromagnetic wave. Environmental Research, 2022, 204, 112341.	7.5	13
3	Comment on Martin L. Pall "Millimeter (MM) wave and microwave frequency radiation produce deeply penetrating effects: the biology and the physics"; Rev Environ Health, 2021. Reviews on Environmental Health, 2022, .	2.4	0
4	Comment on "How long is my toilet roll-a simple exercise in mathematical modelling". International Journal of Mathematical Education in Science and Technology, 2021, 52, 1407-1412.	1.4	0
5	Closed-form solutions for the quadratic mixed-parity nonlinear oscillator. Indian Journal of Physics, 2021, 95, 1213-1224.	1.8	2
6	Personal Exposure Assessment to Wi-Fi Radiofrequency Electromagnetic Fields in Mexican Microenvironments. International Journal of Environmental Research and Public Health, 2021, 18, 1857.	2.6	20
7	Comment on: What is the radiation before 5G? A correlation study between measurements in situ and in real time and epidemiological indicators in Vallecas, Madrid, by I. Lpez, N. Flix, M. Rivera, A. Alonso, and C. Maest. Environmental Research, 2021, , 112138.	7.5	1
8	Comparison of statistic methods for censored personal exposure to RF-EMF data. Environmental Monitoring and Assessment, 2020, 192, 77.	2.7	12
9	An indirect measurement of the speed of light in a General Physics Laboratory. Journal of King Saud University - Science, 2020, 32, 2797-2802.	3.5	1
10	Measurements and Analysis of Personal Exposure to Radiofrequency Electromagnetic Fields at Outdoor and Indoor School Buildings: A Case Study at a Spanish School. IEEE Access, 2020, 8, 195692-195702.	4.2	22
11	Georeferencing of Personal Exposure to Radiofrequency Electromagnetic Fields from Wi-Fi in a University Area. International Journal of Environmental Research and Public Health, 2020, 17, 1898.	2.6	24
12	Linear Quadrupole Magnetic Field Measured with a Smartphone. Physics Teacher, 2020, 58, 182-185.	0.3	7
13	DESIGN AND IMPLEMENTATION OF RUBRIC FOR THE EVALUATION BY COMPETENCES IN PHYSICAL SCIENCES: CASE STUDY PUC-MG, BRAZIL. , 2020, , .		0
14	BRAZILIAN NATIONAL PROGRAM OF EDUCATIONAL BOOKS FOR PHYSICS, CHEMISTRY, AND BIOLOGY: CONSOLIDATION OF AN EDITORIAL POLICY. INTED Proceedings, 2020, , .	0.0	0
15	Comment on "The Use of Pulsed Electromagnetic Fields to Promote Bone Responses to Biomaterials In Vitro and In Vivo"; International Journal of Biomaterials, 2019, 2019, 1-3.	2.4	1
16	Development of a laboratory practice for physics introductory courses using a rubric for evaluation by competences. Journal of Physics: Conference Series, 2019, 1287, 012025.	0.4	0
17	Personal RF-EMF exposure from mobile phone base stations during temporary events. Environmental Research, 2019, 175, 266-273.	7.5	20
18	Characterisation of personal exposure to environmental radiofrequency electromagnetic fields in Albacete (Spain) and assessment of risk perception. Environmental Research, 2019, 172, 109-116.	7.5	32

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19	Contribution of the intra- and intermolecular routes in autocatalytic zymogen activation: application to pepsinogen activation.. Acta Biochimica Polonica, 2019, 53, 407-420.	0.5	5
20	RUBRIC ELABORATION TO EVALUATE BY COMPETENCES A PRACTICE OF PHYSICS LABORATORY: PARALLEL-PLATE CAPACITOR. , 2019, , .		0
21	RESULTS OF APPLICATION OF A RUBRIC FOR THE EVALUATION BY COMPETENCES: MEASUREMENT OF THE MAGNETIC FIELD OF SMALL MAGNETS WITH A SMARTPHONE. INTED Proceedings, 2019, , .	0.0	0
22	Response to the comments on "Radiofrequency electromagnetic fields and some cancers of unknown etiology: An ecological study" by J. Gonzalez-Rubio, E. Arribas, R. Ramirez-Vazquez and A. Najera. Science of the Total Environment 599-600 (2017) 834-843. Science of the Total Environment, 2018, 612, 368-369.	8.0	3
23	Exact solutions for an oscillator with anti-symmetric quadratic nonlinearity. Indian Journal of Physics, 2018, 92, 495-506.	1.8	1
24	Comment on "Wi-Fi is an important threat to human health". Environmental Research, 2018, 167, 639.	7.5	19
25	CASE-BASED LEARNING IN MATERIALS ENGINEERING: THE OUIJA BOARD OF THE DEVIL. , 2018, , .		0
26	AN INNOVATIVE PRACTICE IN THE PHYSICS LABORATORY: RADIOFREQUENCY ELECTROMAGNETIC FIELDS PERSONAL EXPOSURE. INTED Proceedings, 2018, , .	0.0	0
27	THE USE OF CONCEPTUAL MAPS IN SOLVING PHYSICS PROBLEMS. , 2018, , .		0
28	ELABORATION OF RUBRICS FOR THE EVALUATION BY COMPETENCES OF PHYSICS IN THE UNIVERSITY. INTED Proceedings, 2018, , .	0.0	2
29	EVALUANDO COMPETENCIAS EN FÍSICA MEDIANTE RÚBRICAS. Revista REAMEC, 2018, 6, 142-151.	0.1	1
30	Radiofrequency electromagnetic fields and some cancers of unknown etiology: An ecological study. Science of the Total Environment, 2017, 599-600, 834-843.	8.0	24
31	Closed-Form Exact Solutions for the Unforced Quintic Nonlinear Oscillator. Advances in Mathematical Physics, 2017, 2017, 1-14.	0.8	8
32	How, When, and Where do Football Players get Injured?: a Descriptive Epidemiological Study on Male Professional Football Players in Spain for Four Seasons. Annals of Applied Sport Science, 2017, 5, 13-21.	0.4	3
33	Comprehensive personal RF-EMF exposure map and its potential use in epidemiological studies. Environmental Research, 2016, 149, 105-112.	7.5	39
34	Exact solution for the unforced Duffing oscillator with cubic and quintic nonlinearities. Nonlinear Dynamics, 2016, 86, 1687-1700.	5.2	38
35	Reply to Comment on "Measurement of the magnetic field of small magnets with a smartphone: a very economical laboratory practice for introductory physics courses". European Journal of Physics, 2016, 37, 028002.	0.6	3
36	Solutions for Conservative Nonlinear Oscillators Using an Approximate Method Based on Chebyshev Series Expansion of the Restoring Force. Acta Physica Polonica A, 2016, 130, 667-678.	0.5	7

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37	Estudio experimental de la inducción electromagnética entre dos bobinas: Dependencia con la corriente eléctrica. Revista Brasileira De Ensino De Fisica, 2015, 37, 1313.	0.2	1
38	Using multiple exposimeters to evaluate the influence of the body when measuring personal exposition to radio frequency electromagnetic fields. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2015, 34, 1063-1069.	0.9	13
39	Measurement of the magnetic field of small magnets with a smartphone: a very economical laboratory practice for introductory physics courses. European Journal of Physics, 2015, 36, 065002.	0.6	66
40	Personal exposition to radiofrequency electromagnetic radiation in Albacete (Spain). , 2015, , .		0
41	Nonlinear oscillator with power-form elastic-term: Fourier series expansion of the exact solution. Communications in Nonlinear Science and Numerical Simulation, 2015, 22, 134-148.	3.3	14
42	Analysis of the fractional modification of the monocyclic enzyme cascades, defined in an alternative way involving the two forms of the modified protein. Journal of Mathematical Chemistry, 2014, 52, 2442-2458.	1.5	1
43	Exact and approximate solutions for the anti-symmetric quadratic truly nonlinear oscillator. Applied Mathematics and Computation, 2014, 246, 355-364.	2.2	1
44	Linear compartmental systems. III. Application to enzymatic reactions. Journal of Mathematical Chemistry, 2014, 52, 1647-1674.	1.5	0
45	Linear compartmental systems. IV. A software, under MS-Windows, for obtaining the instantaneous species concentrations in enzyme systems. Journal of Mathematical Chemistry, 2014, 52, 1675-1689.	1.5	2
46	Vértices no estacionarios en un vaso de agua. Revista Brasileira De Ensino De Fisica, 2013, 35, .	0.2	0
47	Analytical Approximate Solutions for the Cubic-Quintic Duffing Oscillator in Terms of Elementary Functions. Journal of Applied Mathematics, 2012, 2012, 1-16.	0.9	14
48	Approximate solutions for the nonlinear pendulum equation using a rational harmonic representation. Computers and Mathematics With Applications, 2012, 64, 1602-1611.	2.7	23
49	Linear compartmental systems. I. kinetic analysis and derivation of their optimized symbolic equations. Journal of Mathematical Chemistry, 2012, 50, 1598-1624.	1.5	9
50	Linear compartmental systems: A software to obtain the symbolic kinetic equations. Journal of Mathematical Chemistry, 2012, 50, 1625-1648.	1.5	3
51	Comments on "A finite extensibility nonlinear oscillator". Applied Mathematics and Computation, 2012, 218, 6168-6175.	2.2	6
52	Approximate expressions for the period of a simple pendulum using a Taylor series expansion. European Journal of Physics, 2011, 32, 1303-1310.	0.6	24
53	Notes on "Application of the Hamiltonian approach to nonlinear oscillators with rational and irrational elastic terms". Mathematical and Computer Modelling, 2011, 54, 3204-3209.	2.0	6
54	Characterization of unstable enzyme systems which evolve according to a three-exponential equation. Journal of Mathematical Chemistry, 2011, 49, 1667-1686.	1.5	0

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55	Computerized evaluation of mean residence times in multicompartamental linear system and pharmacokinetics. <i>Journal of Computational Chemistry</i> , 2011, 32, 915-931.	3.3	1
56	Suicide inactivation of tyrosinase in its action on tetrahydropterines. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2011, 26, 728-733.	5.2	4
57	A COMPARISON BETWEEN THE INITIAL RATE EXPRESSIONS OBTAINED UNDER STRICT CONDITIONS AND THE RAPID EQUILIBRIUM ASSUMPTION USING, AS EXAMPLE, A FOUR SUBSTRATE ENZYME REACTION. <i>Journal of Theoretical and Computational Chemistry</i> , 2011, 10, 659-678.	1.8	0
58	A general model for non-autocatalytic zymogen activation in the presence of two different and mutually exclusive inhibitors. I. Kinetic analysis. <i>Journal of Mathematical Chemistry</i> , 2010, 48, 617-634.	1.5	2
59	A general model for non-autocatalytic zymogen activation in the presence of two different and mutually exclusive inhibitors. II. Relative weight of activation and inhibition processes. <i>Journal of Mathematical Chemistry</i> , 2010, 48, 635-652.	1.5	1
60	Student peer evaluation using a remote response system. <i>Medical Education</i> , 2010, 44, 1146-1146.	2.1	6
61	Enzymatic and chemical oxidation of trihydroxylated phenols. <i>Food Chemistry</i> , 2009, 113, 435-444.	8.2	42
62	A method, based on statistical moments, to evaluate the kinetic parameters involved in unstable enzyme systems. <i>Journal of Mathematical Chemistry</i> , 2008, 44, 379-404.	1.5	4
63	Mean Lifetime and First-Passage Time of the Enzyme Species Involved in an Enzyme Reaction. Application to Unstable Enzyme Systems. <i>Bulletin of Mathematical Biology</i> , 2008, 70, 1425-1449.	1.9	5
64	Kinetic analysis of a general model of activation of aspartic proteinase zymogens involving a reversible inhibitor. I. Kinetic analysis. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2007, 22, 147-155.	5.2	0
65	Kinetic analysis of a general model of activation of aspartic proteinase zymogens involving a reversible inhibitor. II. Contribution of the uni- and bimolecular activation routes. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2007, 22, 157-163.	5.2	1
66	Optimized derivation of transfer functions and a software giving it. Application to biological systems. <i>Applied Mathematics and Computation</i> , 2007, 184, 823-841.	2.2	0
67	An alternative analysis of enzyme systems based on the whole reaction time: evaluation of the kinetic parameters and initial enzyme concentration. <i>Journal of Mathematical Chemistry</i> , 2007, 42, 789-813.	1.5	9
68	Competitive and uncompetitive inhibitors simultaneously acting on an autocatalytic zymogen activation reaction. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2006, 21, 635-645.	5.2	3
69	Two New Regulatory Properties Arising from the Transient Phase Kinetics of Monocyclic Enzyme Cascades. <i>Journal of Mathematical Chemistry</i> , 2005, 38, 437-450.	1.5	5
70	Electric Field Lines. <i>International Journal of Modern Physics C</i> , 1991, 02, 216-219.	1.7	0
71	Points of inflection in harmonic motion. <i>Physics Education</i> , 1990, 25, 126-127.	0.5	0
72	On the higher orders of hyperspherical harmonics. <i>Journal of Mathematical Physics</i> , 1983, 24, 1992-1996.	1.1	0

#	ARTICLE	IF	CITATIONS
73	Symbolic Equation for the Instantaneous Amount of Substance in Linear Compartmental Systems. , 0 , 348-379.		0