

Victor Rosello Espinosa

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

44
papers

422
citations

10
h-index

18
g-index

61
ext. papers

522
ext. citations

2.2
avg, IF

3.18
L-index

#	Paper	IF	Citations
44	A Risk-Based Model Using Communication Distance Reduction for the Assessment of Underwater Continuous Noise: An Application to the Bottlenose Dolphin (<i>Tursiops truncatus</i>) Inhabiting the Spanish North Atlantic Marine Demarcation. <i>Journal of Marine Science and Engineering</i> , 2022 , 10, 605	2.4	
43	Vertical Configuration of a Side Scan Sonar for the Monitoring of <i>Posidonia oceanica</i> Meadows. <i>Journal of Marine Science and Engineering</i> , 2021 , 9, 1332	2.4	2
42	The effect of low frequency noise on the behaviour of juvenile <i>Sparus aurata</i> . <i>Journal of the Acoustical Society of America</i> , 2020 , 147, 3795	2.2	9
41	New Insights into the Design and Application of a Passive Acoustic Monitoring System for the Assessment of the Good Environmental Status in Spanish Marine Waters. <i>Sensors</i> , 2020 , 20,	3.8	3
40	Influence of fish backbone model geometrical features on the numerical target strength of swimbladdered fish. <i>ICES Journal of Marine Science</i> , 2020 , 77, 2870-2881	2.7	2
39	Automatic Bluefin Tuna Sizing with a Combined Acoustic and Optical Sensor. <i>Sensors</i> , 2020 , 20,	3.8	1
38	Automatic Bluefin Tuna (<i>Thunnus thynnus</i>) biomass estimation during transfers using acoustic and computer vision techniques. <i>Aquacultural Engineering</i> , 2019 , 85, 22-31	3	8
37	Enhanced fish bending model for automatic tuna sizing using computer vision. <i>Computers and Electronics in Agriculture</i> , 2018 , 150, 52-61	6.5	26
36	Automatic Bluefin Tuna sizing using a stereoscopic vision system. <i>ICES Journal of Marine Science</i> , 2018 , 75, 390-401	2.7	9
35	Relationship between weight and linear dimensions of Bluefin tuna (<i>Thunnus thynnus</i>) following fattening on western Mediterranean farms. <i>PLoS ONE</i> , 2018 , 13, e0200406	3.7	2
34	Numerical Simulation of Target Strength Measurements from Near to Far Field of Fish Using the Method of Fundamental Solutions. <i>Acta Acustica United With Acustica</i> , 2018 , 104, 25-38	1.5	3
33	Detection and target strength measurements of uneaten feed pellets with a single beam echosounder. <i>Aquacultural Engineering</i> , 2017 , 78, 216-220	3	11
32	Monitoring fish weight using pulse-echo waveform metrics. <i>Aquacultural Engineering</i> , 2017 , 77, 125-131	3	11
31	Detection potential of the KM3NeT detector for high-energy neutrinos from the Fermi bubbles. <i>Astroparticle Physics</i> , 2013 , 42, 7-14	2.4	22
30	Expansion cone for the 3-inch PMTs of the KM3NeT optical modules. <i>Journal of Instrumentation</i> , 2013 , 8, T03006-T03006	1	12
29	R&D studies for the development of a compact transmitter able to mimic the acoustic signature of a UHE neutrino interaction. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012 , 662, S206-S209	1.2	2
28	Formation of collimated sound beams by three-dimensional sonic crystals. <i>Journal of Applied Physics</i> , 2012 , 111, 104910	2.5	13

27	R&D towards the acoustic positioning system of KM3NeT. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 626-627, S214-S216	1.2	7
26	Simultaneous self-collimation of fundamental and second-harmonic in sonic crystals. <i>Applied Physics Letters</i> , 2011 , 99, 151905	3-4	7
25	Self-organization of ultrasound in viscous fluids. <i>Europhysics Letters</i> , 2010 , 92, 10003	1.6	2
24	A prototype for the acoustic triangulation system of the KM3NeT deep sea neutrino telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 617, 459-461	1.2	9
23	Self collimation of ultrasound in a three-dimensional sonic crystal. <i>Applied Physics Letters</i> , 2009 , 94, 164104	1.4	29
22	Bistable and dynamic states of parametrically excited ultrasound in a fluid-filled interferometer. <i>Journal of the Acoustical Society of America</i> , 2009 , 125, 3555-60	2.2	2
21	Use of parametric acoustic sources to generate neutrino-like signals. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009 , 604, S208-S211	1.2	4
20	Propagation of sound beams behind sonic crystals. <i>Physical Review B</i> , 2009 , 80,	3-3	17
19	System of Reciprocal Acoustic Sensors for Monitoring Sea Currents 2008 ,		1
18	Nonlinear change of on-axis pressure and intensity maxima positions and its relation with the linear focal shift effect. <i>Ultrasonics</i> , 2008 , 48, 678-86	3-5	10
17	Calibration of sensors for acoustic detection of neutrinos. <i>Journal of Physics: Conference Series</i> , 2007 , 81, 012015	0-3	3
16	Theoretical prediction of the nondiffractive propagation of sonic waves through periodic acoustic media. <i>Physical Review B</i> , 2007 , 75,	3-3	75
15	Subdiffractive propagation of ultrasound in sonic crystals. <i>Physical Review B</i> , 2007 , 76,	3-3	58
14	FIRST ACTIVITIES IN ACOUSTIC DETECTION OF PARTICLES IN UPV. <i>International Journal of Modern Physics A</i> , 2006 , 21, 137-141	1.2	5
13	Strong on-axis focal shift and its nonlinear variation in low-Fresnel-number ultrasound beams. <i>Journal of the Acoustical Society of America</i> , 2006 , 119, 3618-3624	2.2	5
12	Self-pulsing dynamics of ultrasound in a magnetoacoustic resonator. <i>Physical Review E</i> , 2005 , 72, 036611	2.4	2
11	Domain wall dynamics in an optical Kerr cavity. <i>Physical Review E</i> , 2005 , 71, 066209	2.4	6
10	Nonlinear dynamics of a two-photon Fabry-Pérot laser. <i>Optics Communications</i> , 2000 , 174, 195-204	2	2

9	One- and two-photon lasers with injected signal in a high-Q Fabry-Pérot cavity. <i>Journal of Modern Optics</i> , 2000 , 47, 1347-1357	1.1	
8	Nonlinear dynamics of a class-A two-photon laser with injected signal in cascade systems. <i>Journal of Modern Optics</i> , 1999 , 46, 1483-1493	1.1	4
7	Class-B two-photon Fabry-Pérot laser. <i>Optics Communications</i> , 1998 , 155, 292-296	2	3
6	Stationary emission and stability of a detuned cascade laser. <i>Journal of Modern Optics</i> , 1997 , 44, 83-108	1.1	4
5	Nonlinear dynamics of a class-A two-photon laser with injected signal. <i>Journal of Modern Optics</i> , 1996 , 43, 2311-2336	1.1	7
4	Types I and II intermittencies in a cascade laser model. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1995 , 206, 359-364	2.3	9
3	Structural similarities and differences among attractors and their intensity maps in the laser-Lorenz model. <i>Optics Communications</i> , 1995 , 117, 367-384	2	4
2	Influence of Light Polarization on the Behaviour of a Resonant Cascade Laser. <i>Journal of Modern Optics</i> , 1995 , 42, 895-911	1.1	5
1	Design and Application of a Passive Acoustic Monitoring System in the Spanish Implementation of the Marine Strategy Framework Directive		3