

Fausto Ortica

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224
papers

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246
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7,371
ext. citations

3.7
avg, IF

5.62
L-index

#	Paper	IF	Citations
224	Neutrino physics with JUNO. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2016 , 43, 030401	2.9	483
223	Precision measurement of the $(7)\text{Be}$ solar neutrino interaction rate in Borexino. <i>Physical Review Letters</i> , 2011 , 107, 141302	7.4	346
222	Direct measurement of the 7Be solar neutrino flux with 192 days of borexino data. <i>Physical Review Letters</i> , 2008 , 101, 091302	7.4	309
221	The Borexino detector at the Laboratori Nazionali del Gran Sasso. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009 , 600, 568-593	1.2	256
220	Neutrinos from the primary proton-proton fusion process in the Sun. <i>Nature</i> , 2014 , 512, 383-6	50.4	201
219	Measurement of the solar B8 neutrino rate with a liquid scintillator target and 3 MeV energy threshold in the Borexino detector. <i>Physical Review D</i> , 2010 , 82,	4.9	187
218	First evidence of pep solar neutrinos by direct detection in Borexino. <i>Physical Review Letters</i> , 2012 , 108, 051302	7.4	182
217	Low-Mass Dark Matter Search with the DarkSide-50 Experiment. <i>Physical Review Letters</i> , 2018 , 121, 081302	7.4	169
216	First real time detection of 7Be solar neutrinos by Borexino. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 658, 101-108	4.2	168
215	Observation of geo-neutrinos. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 687, 299-304	4.2	167
214	Final results of Borexino Phase-I on low-energy solar neutrino spectroscopy. <i>Physical Review D</i> , 2014 , 89,	4.9	161
213	DarkSide-20k: A 20 tonne two-phase LAr TPC for direct dark matter detection at LNGS. <i>European Physical Journal Plus</i> , 2018 , 133, 1	3.1	160
212	First results from the DarkSide-50 dark matter experiment at Laboratori Nazionali del Gran Sasso. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 743, 456-466	4.2	151
211	Measurements of extremely low radioactivity levels in BOREXINO. <i>Astroparticle Physics</i> , 2002 , 18, 1-25	2.4	123
210	Static and dynamic interaction of a naturally occurring photochromic molecule with bovine serum albumin studied by UV-visible absorption and fluorescence spectroscopy. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 16793-801	3.4	118
209	Results from the first use of low radioactivity argon in a dark matter search. <i>Physical Review D</i> , 2016 , 93,	4.9	89
208	Comprehensive measurement of pp-chain solar neutrinos. <i>Nature</i> , 2018 , 562, 505-510	50.4	87

207	DarkSide-50 532-day dark matter search with low-radioactivity argon. <i>Physical Review D</i> , 2018 , 98,	4.9	86
206	SOX: Short distance neutrino Oscillations with Borexino. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	85
205	Constraints on Sub-GeV Dark-Matter-Electron Scattering from the DarkSide-50 Experiment. <i>Physical Review Letters</i> , 2018 , 121, 111303	7.4	85
204	Measurement of geo-neutrinos from 1353 days of Borexino. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 722, 295-300	4.2	78
203	Absence of a day-night asymmetry in the ⁷ Be solar neutrino rate in Borexino. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 707, 22-26	4.2	73
202	Spectroscopy of geoneutrinos from 2056 days of Borexino data. <i>Physical Review D</i> , 2015 , 92,	4.9	62
201	Muon and cosmogenic neutron detection in Borexino. <i>Journal of Instrumentation</i> , 2011 , 6, P05005-P05005		62
200	The liquid handling systems for the Borexino solar neutrino detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009 , 609, 58-78	1.2	61
199	Limiting neutrino magnetic moments with Borexino Phase-II solar neutrino data. <i>Physical Review D</i> , 2017 , 96,	4.9	54
198	Dynamics of the excited states of chromenes studied by fast and ultrafast spectroscopies. <i>Photochemical and Photobiological Sciences</i> , 2004 , 3, 886-91	4.2	53
197	Laser Flash Photolysis Study of Two Aromatic N-Oxyimidosulfonate Photoacid Generators. <i>Chemistry of Materials</i> , 2000 , 12, 414-420	9.6	53
196	Study of solar and other unknown anti-neutrino fluxes with Borexino at LNGS. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 696, 191-196	4.2	52
195	Borexino calibrations: hardware, methods, and results. <i>Journal of Instrumentation</i> , 2012 , 7, P10018-P10018		52
194	Experimental evidence of neutrinos produced in the CNO fusion cycle in the Sun. <i>Nature</i> , 2020 , 587, 577-582	5.84	51
193	Cosmogenic Backgrounds in Borexino at 3800 m water-equivalent depth. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013 , 2013, 049-049	6.4	50
192	New experimental limits on the Pauli-forbidden transitions in ¹² C nuclei obtained with 485 days Borexino data. <i>Physical Review C</i> , 2010 , 81,	2.7	48
191	Pulse-shape discrimination with the Counting Test Facility. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008 , 584, 98-113	1.2	42
190	A triplet-triplet annihilation based up-conversion process investigated in homogeneous solutions and oil-in-water microemulsions of a surfactant. <i>Photochemical and Photobiological Sciences</i> , 2014 , 13, 48-61	4.2	40

189	New experimental limits on violations of the Pauli exclusion principle obtained with the Borexino Counting Test Facility. <i>European Physical Journal C</i> , 2004 , 37, 421-431	4.2	40
188	New limits on nucleon decays into invisible channels with the BOREXINO counting test facility. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 563, 23-34	4.2	40
187	Search for solar axions produced in the p(d,He3)A reaction with Borexino detector. <i>Physical Review D</i> , 2012 , 85,	4.9	38
186	Photokinetic methods: A mathematical analysis of the rate equations in photochromic systems. <i>International Journal of Chemical Kinetics</i> , 1999 , 31, 303-313	1.4	38
185	Neuronal firing modulation by a membrane-targeted photoswitch. <i>Nature Nanotechnology</i> , 2020 , 15, 296-306	28.7	38
184	Search for electron decay mode $e \rightarrow \nu \nu$ with prototype of Borexino detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 525, 29-40	4.2	37
183	Cosmic-muon flux and annual modulation in Borexino at 3800 m water-equivalent depth. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012 , 2012, 015-015	6.4	35
182	Effect of oligothiophene substituents on the photophysical and photochromic properties of a naphthopyran. <i>Photochemical and Photobiological Sciences</i> , 2004 , 3, 878-85	4.2	35
181	Simultaneous precision spectroscopy of pp, Be7, and pep solar neutrinos with Borexino Phase-II. <i>Physical Review D</i> , 2019 , 100,	4.9	34
180	Synergistic effects in hydrogen production through water sonophotolysis catalyzed by new La _{2x} Ga _{2y} In _{2(1-x-y)} O ₃ solid solutions. <i>International Journal of Hydrogen Energy</i> , 2009 , 34, 9042-9049	6.7	32
179	Light yield in DarkSide-10: A prototype two-phase argon TPC for dark matter searches. <i>Astroparticle Physics</i> , 2013 , 49, 44-51	2.4	31
178	CNO and pep neutrino spectroscopy in Borexino: Measurement of the deep-underground production of cosmogenic C11 in an organic liquid scintillator. <i>Physical Review C</i> , 2006 , 74,	2.7	31
177	Decay time and pulse shape discrimination of liquid scintillators based on novel solvents. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 701, 133-144	1.2	30
176	DarkSide search for dark matter. <i>Journal of Instrumentation</i> , 2013 , 8, C11021-C11021	1	30
175	The role of temperature in the photochromic behaviour. <i>Dyes and Pigments</i> , 2012 , 92, 807-816	4.6	29
174	Hydrogen Production from Water by Photolysis, Sonolysis and Sonophotolysis with Solid Solutions of Rare Earth, Gallium and Indium Oxides as Heterogeneous Catalysts. <i>Sustainability</i> , 2015 , 7, 9310-9325 ^{3.6}	3.6	29
173	Measurement of CNGS muon neutrino speed with Borexino. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 716, 401-405	4.2	29
172	New thermally irreversible and fluorescent photochromic diarylethenes. <i>Journal of Physical Chemistry A</i> , 2008 , 112, 4765-71	2.8	29

171	Test of Electric Charge Conservation with Borexino. <i>Physical Review Letters</i> , 2015 , 115, 231802	7.4	27
170	New molecular pairs for low power non-coherent triplet-triplet annihilation based upconversion: dependence on the triplet energies of sensitizer and emitter. <i>Journal of Luminescence</i> , 2013 , 135, 265-270	3.8	26
169	Comprehensive photokinetic and NMR study of a biphotochromic supermolecule involving two naphthopyrans linked to a central thiophene unit through acetylenic bonds. <i>Photochemistry and Photobiology</i> , 2003 , 78, 558-66	3.6	26
168	Photokinetic behaviour of bi-photochromic supramolecular systems. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2002 , 149, 91-100	4.7	26
167	Study of phenylxylylene (PXE) as scintillator for low energy neutrino experiments. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008 , 585, 48-60	1.2	25
166	Effect of Gel-Trapping on Spectral Properties and Relaxation Dynamics of Some Spiro-Oxazines. <i>Journal of Physical Chemistry B</i> , 2000 , 104, 12179-12183	3.4	25
165	Simulation of argon response and light detection in the DarkSide-50 dual phase TPC. <i>Journal of Instrumentation</i> , 2017 , 12, P10015-P10015	1	23
164	Comprehensive geoneutrino analysis with Borexino. <i>Physical Review D</i> , 2020 , 101,	4.9	23
163	P-Type Photochromism of New Helical Naphthopyrans: Synthesis and Photochemical, Photophysical and Theoretical Study. <i>ChemPhysChem</i> , 2015 , 16, 2447-58	3.2	23
162	Multiswitchable Acidichromic and Photochromic Bisdiarylethene. An Experimental and Theoretical Study. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 23096-23106	3.8	23
161	Photokinetic behaviour of biphotochromic supramolecular systems: Part 2. A bis-benzo-[2H]-chromene and a spirooxazine-chromene with a (Z)-ethenic bridge between each moiety. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2001 , 139, 133-141	4.7	23
160	Mechanism of Reaction and Photoacid Generation of N-Oxysuccinimidoarylsulfonate PAGs: A Laser Flash Photolytic Study. <i>Chemistry of Materials</i> , 2001 , 13, 2297-2304	9.6	23
159	Photochromism and thermochromism of spiro[indolinoxazines] in normal and reversed and reversed micelles. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1995 , 91, 4099		23
158	The veto system of the DarkSide-50 experiment. <i>Journal of Instrumentation</i> , 2016 , 11, P03016-P03016	1	23
157	New Insight into the Fatigue Resistance of Photochromic 1,2-Diarylethenes. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 23592-23598	3.8	22
156	Search for solar axions emitted in the M1-transition of $^7\text{Li}^*$ with Borexino CTF. <i>European Physical Journal C</i> , 2008 , 54, 61-72	4.2	22
155	Study of neutrino electromagnetic properties with the prototype of the Borexino detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 563, 35-47	4.2	22
154	The Monte Carlo simulation of the Borexino detector. <i>Astroparticle Physics</i> , 2018 , 97, 136-159	2.4	20

153	The DarkSide Multiton Detector for the Direct Dark Matter Search. <i>Advances in High Energy Physics</i> , 2015 , 2015, 1-8	1	20
152	New limits on heavy sterile neutrino mixing in B8 decay obtained with the Borexino detector. <i>Physical Review D</i> , 2013 , 88,	4.9	19
151	A Search for Low-energy Neutrinos Correlated with Gravitational Wave Events GW 150914, GW 151226, and GW 170104 with the Borexino Detector. <i>Astrophysical Journal</i> , 2017 , 850, 21	4.7	19
150	Structural and photophysical characterization of some La ₂ xGa ₂ yIn ₂ zO ₃ solid solutions, to be used as photocatalysts for H ₂ production from water/ethanol solutions. <i>Solar Energy Materials and Solar Cells</i> , 2010 , 94, 2265-2274	6.4	19
149	A laser flash photolysis study of curcumin in dioxane-water mixtures. <i>Photochemistry and Photobiology</i> , 2001 , 74, 745-51	3.6	19
148	New experimental limits on heavy neutrino mixing in 8B-decay obtained with the Borexino counting test facility. <i>JETP Letters</i> , 2003 , 78, 261-266	1.2	18
147	Photokinetic behaviour of biphotochromic supramolecular systems. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2001 , 138, 123-128	4.7	18
146	Structure effects on the photobehaviour of 2,2-diphenyl(2H)chromenes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008 , 200, 287-293	4.7	17
145	Photocyclisation of 2-pyridyl phenyl ketone. A reaction driven by hydrogen bonding. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996 , 92, 1841		17
144	Thermal reversibility and bistability in photochromic diarylethenes. <i>Inorganica Chimica Acta</i> , 2007 , 360, 995-999	2.7	16
143	Photophysical Properties of Hydroxy-Substituted Flavothiones. <i>Journal of Physical Chemistry A</i> , 2000 , 104, 6095-6102	2.8	16
142	Light-Induced Hydrogen Abstraction from Isobutanol by Thienyl Phenyl, Dithienyl, and Thienyl Pyridyl Ketones. <i>Journal of Physical Chemistry A</i> , 1999 , 103, 1335-1341	2.8	16
141	Seasonal modulation of the 7 Be solar neutrino rate in Borexino. <i>Astroparticle Physics</i> , 2017 , 92, 21-29	2.4	15
140	Search for electron antineutrino interactions with the Borexino Counting Test Facility at Gran Sasso. <i>European Physical Journal C</i> , 2006 , 47, 21-30	4.2	15
139	GIGJ: A Crustal Gravity Model of the Guangdong Province for Predicting the Geoneutrino Signal at the JUNO Experiment. <i>Journal of Geophysical Research: Solid Earth</i> , 2019 , 124, 4231-4249	3.6	14
138	Photochromic behaviour of Berry Red studied in solution and polymer films. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008 , 196, 190-196	4.7	14
137	Photophysics of 3- and 4-phenyl pyridyl ketones in submicellar and micellar solutions of ionic and non-ionic surfactants. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1995 , 91, 3405		14
136	Modulations of the cosmic muon signal in ten years of Borexino data. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019 , 2019, 046-046	6.4	13

135	Lifetime measurements of ²¹⁴ Po and ²¹² Po with the CTF liquid scintillator detector at LNGS. <i>European Physical Journal A</i> , 2013 , 49, 1	2.5	13
134	Supramolecular interaction of a spirooxazine with amino acids. <i>Chemical Physics Letters</i> , 2007 , 444, 135-139		13
133	Effects of the environment on the photochromic behaviour of a novel indeno-fused naphthopyran. <i>Photochemical and Photobiological Sciences</i> , 2002 , 1, 803-8	4.2	13
132	A steady-state and time-resolved absorption and emission study of 3-thienyl-phenyl ketone, 3,3'-di-thienyl ketone and 2,3'-di-thienyl ketone. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2000 , 135, 127-134	4.7	13
131	Sensitivity to neutrinos from the solar CNO cycle in Borexino. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	13
130	Calibration strategy of the JUNO experiment. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	13
129	Chiral separation of helical chromenes with chloromethyl phenylcarbamate polysaccharide-based stationary phases. <i>Journal of Separation Science</i> , 2018 , 41, 1266-1273	3.4	13
128	Laser flash photolysis of 2-diazo-1,3-diphenyl-1,3-propanedione: An unusual long-lived triplet as a reaction intermediate. <i>Organic Letters</i> , 2000 , 2, 1357-60	6.2	12
127	Effects of protolytic interactions on the photophysics of phenyl pyridyl ketones. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1994 , 90, 279		12
126	Optimization of the JUNO liquid scintillator composition using a Daya Bay antineutrino detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2021 , 988, 164823	1.2	12
125	Improved measurement of B8 solar neutrinos with 1.5 kt _{yr} of Borexino exposure. <i>Physical Review D</i> , 2020 , 101,	4.9	11
124	Borexino's search for low-energy neutrino and antineutrino signals correlated with gamma-ray bursts. <i>Astroparticle Physics</i> , 2017 , 86, 11-17	2.4	11
123	Effects of proximity on the relaxation dynamics of flindersine and 6(5H)-phenanthridinone. <i>Journal of Physical Chemistry A</i> , 2007 , 111, 193-200	2.8	11
122	The complex photochromic behaviour of 5,6-benzo(2H)dimethylchromene in 3-methylpentane solution. <i>Photochemical and Photobiological Sciences</i> , 2003 , 2, 1032-7	4.2	11
121	Mechanism of Reaction and Photoacid Generation of 1,2-di(Arylsulfonyl)hydrazine PAGs: A Laser Flash Photolytic Study. <i>Chemistry of Materials</i> , 2001 , 13, 2305-2312	9.6	11
120	Distillation and stripping pilot plants for the JUNO neutrino detector: Design, operations and reliability. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019 , 925, 6-17	1.2	10
119	Design and construction of a new detector to measure ultra-low radioactive-isotope contamination of argon. <i>Journal of Instrumentation</i> , 2020 , 15, P02024-P02024	1	10
118	Electroluminescence pulse shape and electron diffusion in liquid argon measured in a dual-phase TPC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018 , 904, 23-34	1.2	10

117	Environmental effects on radiative and nonradiative transitions of some merocyanine dyes in homogeneous and microheterogeneous systems. <i>Journal of Luminescence</i> , 1996 , 68, 137-147	3.8	10
116	Triplet-triplet annihilation based upconversion in silica matrices. <i>Microporous and Mesoporous Materials</i> , 2017 , 246, 120-129	5.3	9
115	Cryogenic Characterization of FBK RGB-HD SiPMs. <i>Journal of Instrumentation</i> , 2017 , 12, P09030-P09030	1	9
114	Proximity effects in the excited state ordering and photophysics of thienyl-pyridyl ketones. <i>Chemical Physics</i> , 1998 , 237, 413-424	2.3	9
113	Photobehaviour of diarylethenes with thiophenes as aryl groups and dithiole-2-thione and dithiole-2-one at the ethenic bond. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007 , 188, 90-97	4.7	9
112	Laser flash photolysis of diphenylsulfonyldiazomethane: detection of the sulfene and a sulfene-pyridine ylide. <i>Organic Letters</i> , 2000 , 2, 3591-4	6.2	9
111	CALISA CALibration Insertion System for the DarkSide-50 dark matter search experiment. <i>Journal of Instrumentation</i> , 2017 , 12, T12004-T12004	1	8
110	Role of heteroaromatic cycles in the inter- and intra-molecular dynamics of excited aryl ketones. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2013 , 16, 22-45	16.4	8
109	New photochromic symmetrical and unsymmetrical bis(heteroaryl)maleimides: A spectrokinetic study. <i>Chemical Physics</i> , 2009 , 358, 258-264	2.3	8
108	Unusual UV ($\lambda_{exc} = 303$ nm) and visible ($\lambda_{exc} = 574$ nm) activated photochromism of an indeno-fused naphthopyran. <i>New Journal of Chemistry</i> , 2003 , 27, 639-643	3.6	8
107	The electronics, trigger and data acquisition system for the liquid argon time projection chamber of the DarkSide-50 search for dark matter. <i>Journal of Instrumentation</i> , 2017 , 12, P12011-P12011	1	7
106	DarkSide-50: A WIMP Search with a Two-phase Argon TPC. <i>Physics Procedia</i> , 2015 , 61, 124-129		7
105	Light and pH tunable luminescence in a photochromic bisdiarylethene. <i>Photochemical and Photobiological Sciences</i> , 2012 , 11, 785-93	4.2	7
104	A spectrophotometric and phosphorimetric study of a new class of heteroaromatic ketones: the six thienyl-pyridyl ketone isomers. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 1998 , 55, 25-33	4.4	7
103	Role of micellar inclusion in the photochemistry of 2-pyridyl phenyl ketone. A steady-state and laser flash photolytic study 1999 , 12, 31-38		7
102	Search for low-energy neutrinos from astrophysical sources with Borexino. <i>Astroparticle Physics</i> , 2021 , 125, 102509	2.4	7
101	SiPM-matrix readout of two-phase argon detectors using electroluminescence in the visible and near infrared range. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	7
100	Feasibility and physics potential of detecting 8B solar neutrinos at JUNO. <i>Chinese Physics C</i> , 2021 , 45, 023004	2.2	7

99	The DarkSide Experiment: Present Status and Future. <i>Journal of Physics: Conference Series</i> , 2017 , 798, 012109	0.3	6
98	Nanoseconds Timing System Based on IEEE 1588 FPGA Implementation. <i>IEEE Transactions on Nuclear Science</i> , 2019 , 66, 1151-1158	1.7	6
97	Direct Search for Dark Matter with DarkSide. <i>Journal of Physics: Conference Series</i> , 2015 , 650, 012006	0.3	6
96	A Nd-loaded liquid organic scintillator for the experiment aimed at measuring double β decay. <i>Instruments and Experimental Techniques</i> , 2012 , 55, 545-550	0.5	6
95	Photochemistry of Flavothione and Hydroxyflavothiones: Mechanisms and Kinetics. <i>Photochemistry and Photobiology</i> , 2003 , 77, 22-29	3.6	6
94	Current Status of the BOREXINO experiment. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2005 , 143, 21-24		6
93	Micellar effects on absorption spectra and protolytic equilibria of phenyl-pyridyl-ketones. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1991 , 47, 1721-1726		6
92	Constraints on flavor-diagonal non-standard neutrino interactions from Borexino Phase-II. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	6
91	Measurement of neutrino flux from the primary proton-proton fusion process in the Sun with Borexino detector. <i>Physics of Particles and Nuclei</i> , 2016 , 47, 995-1002	0.7	6
90	The electronics and data acquisition system for the DarkSide-50 veto detectors. <i>Journal of Instrumentation</i> , 2016 , 11, P12007-P12007	1	6
89	Embedded readout electronics R&D for the large PMTs in the JUNO experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2021 , 985, 164600	1.2	6
88	Photoluminescence properties of La _{2x} Ga _{2y} In _{2z} O ₃ solid solutions used as photocatalysts for water splitting and promising panchromatic emitters. <i>Journal of Luminescence</i> , 2016 , 177, 314-324	3.8	5
87	Photoinduced processes in dipyrrolyl-perfluoro-cyclopentenes. <i>Photochemistry and Photobiology</i> , 2006 , 82, 1326-33	3.6	5
86	Effect of low electric fields on alpha scintillation light yield in liquid argon. <i>Journal of Instrumentation</i> , 2017 , 12, P01021-P01021	1	4
85	Solar neutrino with Borexino: Results and perspectives. <i>Physics of Particles and Nuclei</i> , 2015 , 46, 166-173	0.7	4
84	The DarkSide awakens. <i>Journal of Physics: Conference Series</i> , 2016 , 718, 042016	0.3	4
83	Environmental effects on the photophysics of thienyl ketones investigated by transient absorption and phosphorescence emission in polarized light. <i>Chemical Physics</i> , 2002 , 280, 163-175	2.3	4
82	High response photochromic films based on D-A diarylethenes and their application in holography.. <i>RSC Advances</i> , 2020 , 10, 26177-26187	3.7	4

81	Measurement of Solar pp-neutrino flux with Borexino: results and implications. <i>Journal of Physics: Conference Series</i> , 2016 , 675, 012027	0.3	3
80	Recent results and future development of Borexino. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2013 , 235-236, 55-60		3
79	Tetra- and tri-thienyl ethenes: new fluorescent photochromic compounds. <i>Photochemical and Photobiological Sciences</i> , 2011 , 10, 964-72	4.2	3
78	Photobehaviour of Z-1,2-di-(3?-methoxynaphth-2?-yl)ethene as model compound of biphotocromic supermolecules with Z-ethenic bridge. <i>International Journal of Photoenergy</i> , 2001 , 3, 153-163	2.1	3
77	Effects of solvent, excitation wavelength, and concentration on the photobehavior of some diazonaphthoquinones. <i>Arkivoc</i> , 2011 , 2011, 205-220	0.9	3
76	Energy and daylighting performance of building integrated spirooxazine photochromic films. <i>Solar Energy</i> , 2021 ,	6.8	3
75	SOX: search for short baseline neutrino oscillations with Borexino. <i>Journal of Physics: Conference Series</i> , 2016 , 718, 062066	0.3	3
74	The DarkSide project. <i>Journal of Instrumentation</i> , 2016 , 11, C02051-C02051	1	3
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