

Grzegorz P Karwasz

List of Publications by Year in descending order

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159
papers

2,940
citations

147801

31
h-index

223800

46
g-index

161
all docs

161
docs citations

161
times ranked

1732
citing authors

#	ARTICLE	IF	CITATIONS
1	One century of experiments on electron-atom and molecule scattering: A critical review of integral cross-sections. <i>Rivista Del Nuovo Cimento</i> , 1996, 19, 1-146.	5.7	152
2	Absolute electron-scattering total cross section measurements for noble gas atoms and diatomic molecules. <i>Physica Scripta</i> , 1996, 54, 271-280.	2.5	105
3	Doppler-broadening measurements of positron annihilation with high-momentum electrons in pure elements. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2002, 194, 519-531.	1.4	96
4	Total-cross-section measurements for electron scattering by NH_3 , SiH_4 , and H_2S in the intermediate-energy range. <i>Physical Review A</i> , 1992, 45, 2777-2783.	2.5	95
5	Absolute total cross sections for electron scattering on CH_4 molecules in the 1-4000 eV energy range. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1991, 24, 2747-2754.	1.5	73
6	Cross Sections for Electron Collisions with Methane. <i>Journal of Physical and Chemical Reference Data</i> , 2015, 44, .	4.2	73
7	Formation of vacancy clusters and cavities in He-implanted silicon studied by slow-positron annihilation spectroscopy. <i>Physical Review B</i> , 2000, 61, 10154-10166.	3.2	68
8	Total absolute cross section measurements for electron scattering on NH_3 , OCS and N_2O . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1989, 22, 525-530.	1.5	62
9	Absolute total-cross-section measurements for intermediate-energy electron scattering on CF_4 , CClF_3 , CCl_2F_2 , CCl_3F , and CCl_4 . <i>Physical Review A</i> , 1992, 46, 3877-3882.	2.5	62
10	Total cross sections for electron scattering on NO_2 , OCS , SO_2 at intermediate energies. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1995, 28, 477-486.	1.5	61
11	Absolute total electron-scattering cross sections of N_2O and OCS in the low-energy region. <i>Chemical Physics Letters</i> , 1984, 107, 481-484.	2.6	58
12	A new electrostatic positron beam for surface studies. <i>Measurement Science and Technology</i> , 1998, 9, 409-416.	2.6	57
13	Absolute total cross section measurements for electron scattering on benzene molecules. <i>Chemical Physics Letters</i> , 1996, 257, 309-313.	2.6	56
14	Total cross sections for positron scattering in argon, nitrogen and hydrogen below 20eV. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2006, 247, 68-74.	1.4	49
15	Absolute total cross sections for electron- CO_2 scattering at energies from 0.5 to 3000 eV. <i>Journal of Physics B: Atomic and Molecular Physics</i> , 1987, 20, 5817-5825.	1.6	48
16	Low energy electron driven reactions in single formic acid molecules (HCOOH) and their homogeneous clusters. <i>Physical Chemistry Chemical Physics</i> , 2005, 7, 2212.	2.8	48
17	Helium-implanted silicon: A study of bubble precursors. <i>Journal of Applied Physics</i> , 1999, 85, 1401-1408.	2.5	47
18	Porosity in low dielectric constant SiOCH films depth profiled by positron annihilation spectroscopy. <i>Journal of Applied Physics</i> , 2004, 95, 2348-2354.	2.5	45

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19	Absolute total cross section measurements for intermediate energy electron scattering: III. Ne and Ar. <i>Journal of Physics B: Atomic and Molecular Physics</i> , 1987, 20, 5157-5164.	1.6	44
20	Total absolute cross sections for electron scattering on H ₂ O at intermediate energies. <i>Journal of Physics B: Atomic and Molecular Physics</i> , 1987, 20, L133-L136.	1.6	44
21	Total cross sections for electron scattering on chloromethanes: Formulation of the additivity rule. <i>Physical Review A</i> , 1999, 59, 1341-1347.	2.5	43
22	Analytical partitioning of total cross sections for electron scattering on noble gases. <i>Zeitschrift für Physik D-Atoms Molecules and Clusters</i> , 1996, 38, 279-287.	1.0	40
23	Application of positron annihilation techniques for semiconductor studies. <i>Journal of Alloys and Compounds</i> , 2004, 382, 244-251.	5.5	40
24	Effect of Solvent Polarizability on the Keto/Enol Equilibrium of Selected Bioactive Molecules from the 1,3,4-Thiadiazole Group with a 2,4-Hydroxyphenyl Function. <i>Journal of Physical Chemistry A</i> , 2017, 121, 1402-1411.	2.5	39
25	Positron annihilation study of vacancy-like defects related to oxygen precipitates in Czochralski-type Si. <i>Applied Physics Letters</i> , 2001, 79, 1492-1494.	3.3	38
26	Total cross-section measurements for e ⁺ -CO scattering: 80-4000 eV. <i>Chemical Physics Letters</i> , 1993, 211, 529-533.	2.6	37
27	Influence of resonant scattering on electron-swarm parameters in NO. <i>Chemical Physics Letters</i> , 2001, 350, 318-324.	2.6	35
28	Applicability of modified effective-range theory to positron-atom and positron-molecule scattering. <i>Physical Review A</i> , 2006, 73, .	2.5	33
29	He-implantation induced defects in Si studied by slow positron annihilation spectroscopy. <i>Journal of Applied Physics</i> , 1999, 85, 2390-2397.	2.5	32
30	Positrons as an alternative probe to electron scattering. <i>European Physical Journal D</i> , 2005, 35, 267-278.	1.3	32
31	Additivity rule for electron-molecule cross section calculation: A geometrical approach. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1999, 257, 75-82.	2.1	31
32	Modelling electron-induced processes in condensed formic acid. <i>European Physical Journal D</i> , 2005, 35, 417-428.	1.3	31
33	One century of experiments on electron-atom and molecule scattering: a critical review of integral cross-sections. <i>Rivista Del Nuovo Cimento</i> , 2001, 24, 1-118.	5.7	29
34	A Pulsed Positron Microbeam. <i>Europhysics Letters</i> , 1995, 29, 617-622.	2.0	25
35	Analytic approach to modified effective-range theory for electron and positron elastic scattering. <i>Physical Review A</i> , 2013, 88, .	2.5	25
36	Positron scattering on molecular hydrogen: Analysis of experimental and theoretical uncertainties. <i>Physical Review A</i> , 2015, 91, .	2.5	25

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37	Structural evolution of nanocrystalline Pd-Mg bilayers under deuterium absorption and desorption cycles. <i>Thin Solid Films</i> , 2004, 469-470, 350-355.	1.8	24
38	Influence of Solvent Polarizability on the Keto-Enol Equilibrium in 4-[5-(naphthalen-1-ylmethyl)-1,3,4-thiadiazol-2-yl]benzene-1,3-diol. <i>Journal of Fluorescence</i> , 2015, 25, 1867-1874.	2.5	24
39	Cross Sections for Electron Collisions with H ₂ O. <i>Journal of Physical and Chemical Reference Data</i> , 2021, 50, .	4.2	24
40	Single-crystal silicon coimplanted by helium and hydrogen: Evolution of decorated vacancylike defects with thermal treatments. <i>Physical Review B</i> , 2006, 74, .	3.2	23
41	Cross Sections for Electron Collisions with NO, N ₂ O, and NO ₂ . <i>Journal of Physical and Chemical Reference Data</i> , 2019, 48, .	4.2	23
42	A high performance electrostatic positron beam. <i>Applied Surface Science</i> , 1997, 116, 59-62.	6.1	22
43	Positron scattering in helium: Virtual-positronium resonances. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2005, 240, 666-674.	1.4	22
44	Electron-impact ionization of fluoromethanes – Review of experiments and binary-encounter models. <i>International Journal of Mass Spectrometry</i> , 2014, 365-366, 232-237.	1.5	22
45	One century of experiments on electron-atom and molecule scattering: A critical review of integral cross-sections. <i>Rivista Del Nuovo Cimento</i> , 2001, 24, 1-101.	5.7	22
46	Absolute total cross-section measurements for electron scattering from silicon tetrachloride, SiCl ₄ . <i>European Physical Journal D</i> , 1999, 6, 481.	1.3	22
47	Total cross sections for positron scattering on argon and krypton at intermediate and high energies. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2002, 192, 157-161.	1.4	21
48	Ab initio and density functional theory calculations of proton affinities for volatile organic compounds. <i>European Physical Journal: Special Topics</i> , 2007, 144, 191-195.	2.6	21
49	Microstructural analysis of hard amorphous carbon films deposited with high-energy ion beams. <i>Applied Surface Science</i> , 1999, 150, 202-210.	6.1	20
50	A very low-energy apparatus for positron scattering on atoms and molecules. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2000, 171, 178-181.	1.4	20
51	Electron scattering by Ne, Ar and Kr at intermediate and high energies, 0.5-10 keV. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2000, 33, 843-845.	1.5	20
52	Electron impact ionization cross section studies of C ₂ F _x (x = 1 – 6) and C ₃ F _x (x = 1 – 8) fluorocarbon species. <i>European Physical Journal D</i> , 2017, 71, 1.	1.3	20
53	SF ₆ absolute total electron scattering cross section in the 75–4000 eV energy range. <i>Chemical Physics Letters</i> , 1992, 199, 423-425.	2.6	19
54	Low-energy electron collisions in nitrogen oxides: a comparative study. <i>International Journal of Mass Spectrometry</i> , 2003, 223-224, 205-215.	1.5	19

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55	Structural evolution in Ar[^{sup +}] implanted Si-rich silicon oxide. <i>Journal of Applied Physics</i> , 2003, 94, 7483.	2.5	19
56	Absence of positronium formation in clean buried nanocavities in p-type silicon. <i>Physical Review B</i> , 2005, 71, .	3.2	19
57	Spectroscopic Studies of Intramolecular Proton Transfer in 2-(4-Fluorophenylamino)-5-(2,4-Dihydroxybenzeno)-1,3,4-Thiadiazole. <i>Journal of Fluorescence</i> , 2011, 21, 1-10.	2.5	19
58	Total cross sections for positron scattering on benzene – angular resolution corrections. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2008, 266, 471-477.	1.4	18
59	Cross Sections for Electron Collisions with Acetylene. <i>Journal of Physical and Chemical Reference Data</i> , 2017, 46, .	4.2	18
60	Intermediate-energy total cross sections for electron scattering on GeH ₄ . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1995, 28, 1301-1309.	1.5	17
61	The 3d-shell electrons in NiAl-based alloys containing Cr and Co studied by positron annihilation. <i>Journal of Alloys and Compounds</i> , 2005, 386, 103-106.	5.5	17
62	Reactions in nanofilms of trifluoroacetic acid (CF ₃ COOH) driven by low energy electrons. <i>International Journal of Mass Spectrometry</i> , 2006, 254, 63-69.	1.5	17
63	Modified effective-range theory for low energy $\{sf e\}$ -N ₂ scattering. <i>European Physical Journal D</i> , 2009, 51, 347-355.	1.3	17
64	Porosity of Low- \hat{r} Materials Studied by Slow Positron Beam. <i>Acta Physica Polonica A</i> , 2005, 107, 702-711.	0.5	17
65	Total cross section measurements for electron scattering on silicon tetrafluoride. <i>Chemical Physics Letters</i> , 1998, 284, 128-134.	2.6	15
66	Proton transfer reactions for ionized water clusters. <i>European Physical Journal D</i> , 2004, 54, C747-C752.	0.4	15
67	Positron annihilation in B-doped and undoped single and polycrystalline Ni ₃ Al alloys. <i>Journal of Alloys and Compounds</i> , 2006, 421, 228-231.	5.5	15
68	Dissociation energies of protonated water clusters. <i>Radiation Physics and Chemistry</i> , 2003, 68, 313-318.	2.8	14
69	Binary-encounter dipole model for positron-impact direct ionization. <i>Physical Review A</i> , 2019, 100, .	2.5	14
70	Phenomenology and scaling of electron scattering cross sections from ‘almost spherical’ molecules over a wide energy range. <i>Zeitschrift für Physik D-Atoms Molecules and Clusters</i> , 1994, 32, 93-100.	1.0	13
71	Swarm experiment on ionized water clusters. <i>International Journal of Mass Spectrometry</i> , 2001, 207, 97-110.	1.5	13
72	Studies of coincidence Doppler broadening of the electron-positron annihilation radiation in the single crystalline Bi ₂ Sr ₂ CaCu ₂ O ₈ + \hat{r} superconductor. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2004, 321, 376-380.	2.1	13

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73	Ramsauer-Townsend minimum in methane $\hat{\epsilon}$ modified effective range analysis. European Physical Journal D, 2014, 68, 1.	1.3	13
74	Cross Sections for Electron Collisions with NF ₃ . Journal of Physical and Chemical Reference Data, 2017, 46, .	4.2	13
75	Low Energy Cross-Sections for Positron Interactions with Cyclic Hydrocarbons. Acta Physica Polonica A, 2005, 107, 666-672.	0.5	13
76	A concept of a scanning positron microscope. Fresenius' Journal of Analytical Chemistry, 1995, 353, 594-597.	1.5	12
77	Proton affinities of simple organic compounds. European Physical Journal D, 2006, 56, B1110-B1115.	0.4	12
78	Visible photoluminescence from pressure annealed intrinsic Czochralski-grown silicon. Applied Physics Letters, 1996, 69, 2900-2902.	3.3	11
79	Microstructural analysis of carbon films obtained from C ₆₀ fullerene ion beams. Applied Surface Science, 2003, 211, 379-385.	6.1	11
80	Chemical reactions in clusters of trifluoroacetic acid (CF ₃ COOH) triggered by electrons at sub-excitation energy (<2eV). International Journal of Mass Spectrometry, 2006, 249-250, 477-483.	1.5	11
81	Do positrons measure atomic and molecular diameters?. European Physical Journal D, 2016, 70, 1.	1.3	11
82	Systematic Measurements of Doppler-Coincidence Spectra for Positron Annihilation in Pure Metals and Semiconductors. Acta Physica Polonica A, 2002, 101, 875-892.	0.5	11
83	The M \hat{A} 4nchen scanning positron microscope. Applied Surface Science, 1997, 116, 108-113.	6.1	10
84	Study of precipitate in Si-rich SiO ₂ films. Applied Surface Science, 2002, 194, 106-111.	6.1	10
85	Electron scattering on molecules: search for semi-empirical indications. European Physical Journal D, 2017, 71, 1.	1.3	10
86	$\hat{\epsilon}$ Recommended $\hat{\epsilon}$ cross sections for electron collisions with molecules. European Physical Journal D, 2020, 74, 1.	1.3	10
87	Intermediate-energy total cross sections for electron scattering on WF ₆ . Physical Review A, 2000, 61, .	2.5	9
88	Electron scattering on N ₂ O-from cross sections to diffusion coefficients. Radiation Physics and Chemistry, 2003, 68, 205-209.	2.8	9
89	Amorphous carbon film growth on Si: Correlation between stress and generation of defects into the substrate. Applied Physics Letters, 2005, 86, 221906.	3.3	9
90	Depth profiled porosity and microstructure evolution studied by positron annihilation and Raman spectroscopy in SiOCH low- \hat{I} films. Materials Science in Semiconductor Processing, 2004, 7, 289-294.	4.0	8

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91	Reply to A. Zecca's Comment on "Positron scattering in helium: Virtual-positronium resonances" by G.P. Karwasz, D. Pliszka, A. Zecca, R.S. Brusa [Nucl. Instr. and Meth. B 240 (2005) 666]. Nuclear Instruments & Methods in Physics Research B, 2006, 251, 520-523.	1.4	8
92	Decoration of buried surfaces in Si detected by positron annihilation spectroscopy. Applied Physics Letters, 2006, 88, 011920.	3.3	8
93	Combined positron-annihilation and structural studies of hydrothermally grown zirconia. Nanomaterials and Energy, 2012, 1, 97-105.	0.2	8
94	Study of nitrogen implanted amorphous hydrogenated carbon thin films by variable-energy positron annihilation spectroscopy. Journal of Applied Physics, 1997, 81, 2451-2453.	2.5	7
95	Nitrogen effects on the microstructural evolution of carbon films under thermal annealing. Nuclear Instruments & Methods in Physics Research B, 1997, 122, 553-558.	1.4	7
96	$DT/\hat{\mu}$ and $DL/\hat{\mu}$ for electrons in NO. Journal Physics D: Applied Physics, 1999, 32, 2746-2749.	2.8	7
97	Structural studies of bismuth nanocrystals embedded in SiO ₂ or GeO ₂ matrices. Journal of Applied Physics, 2003, 94, 7270-7275.	2.5	7
98	Effects of Zr and Nb on d electrons in NiAl alloy studied by coincidence positron annihilation spectroscopy. Materials Letters, 2005, 59, 3389-3392.	2.6	7
99	Some Systematics in Electron Scattering Cross Sections. Fusion Science and Technology, 2013, 63, 338-348.	1.1	7
100	Copper thin films used as transmission remoderators for slow positron beams. Applied Physics Letters, 2000, 76, 1476-1478.	3.3	6
101	On positron scattering on He (and Ar) at low energies. European Physical Journal D, 2006, 37, 153-154.	1.3	6
102	Electron Scattering on Triatomic Molecules: The Need for Data. Japanese Journal of Applied Physics, 2006, 45, 8192-8196.	1.5	6
103	Energy scale determination and energy resolution in positron total cross section measurements. Journal of Physics: Conference Series, 2010, 199, 012019.	0.4	6
104	Testing an Ortec Lifetime System. Materials Science Forum, 2010, 666, 155-159.	0.3	6
105	Transport Parameters for Electrons in Carbon Monoxide. Japanese Journal of Applied Physics, 1997, 36, 4733-4736.	1.5	5
106	A novel set-up for positron scattering in gases. Radiation Physics and Chemistry, 2003, 68, 319-322.	2.8	5
107	Stress and interfacial defects induced by amorphous carbon film growth on silicon. Diamond and Related Materials, 2005, 14, 1036-1040.	3.9	5
108	Influence of Mn and Fe on Defects in NiAl Alloy Investigated by Positron Annihilation Techniques. Materials Science Forum, 2001, 363-365, 198-200.	0.3	4

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109	GEOMAGNETIC Paradoxes. <i>Physics Teacher</i> , 2007, 45, 542-545.	0.3	4
110	Ramsauer-Townsend minimum in electron scattering from CF_4 : modified effective range analysis. <i>European Physical Journal D</i> , 2021, 75, 1.	1.3	4
111	Structural Studies of Titanium Oxide Multilayers. <i>Acta Physica Polonica A</i> , 2005, 107, 977-982.	0.5	4
112	Positron Scattering on Atoms and Molecules in the Limit of Low Energy. <i>Acta Physica Polonica A</i> , 2006, 110, 605-614.	0.5	4
113	On possible absorption effects in elastic scattering of electrons on molecules. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1995, 28, L443-L448.	1.5	3
114	Semiempirical analysis of electron scattering cross sections in N_2O and CO_2 . <i>European Physical Journal D</i> , 2004, 54, C742-C746.	0.4	3
115	Innovative dielectrics for semiconductor technology. <i>Radiation Physics and Chemistry</i> , 2007, 76, 189-194.	2.8	3
116	Depth Profiling of Defects in He Implanted SiO_2 . <i>Acta Physica Polonica A</i> , 2008, 113, 1447-1453.	0.5	3
117	Surfaces of Electron-Emitting Glasses Studied by a Slow Positron Beam. <i>Acta Physica Polonica A</i> , 2001, 99, 465-472.	0.5	3
118	Positron Scattering and Annihilation in Organic Molecules. <i>Acta Physica Polonica B</i> , 2020, 51, 207.	0.8	3
119	Total Cross Sections for Electron and Positron Scattering on Molecules: In Search of the Dispersion Relation. <i>Atoms</i> , 2021, 9, 97.	1.6	3
120	Comparative Study of Porosity in Low- k SiOCH Thin Films Obtained at Different Deposition Conditions. <i>Materials Science Forum</i> , 2004, 445-446, 268-270.	0.3	2
121	Low-energy positron scattering on atoms and molecules. , 2005, , .		2
122	Calibration of a 2D-CDB spectrometer using a reference ^{133}Ba source. <i>Radiation Physics and Chemistry</i> , 2007, 76, 304-307.	2.8	2
123	Modified effective range analysis of low energy electron and positron scattering on CO_2 . <i>Journal of Physics: Conference Series</i> , 2008, 115, 012002.	0.4	2
124	Modified effective range theory for electron and positron scattering on nitrogen and carbon dioxide. <i>Journal of Physics: Conference Series</i> , 2009, 194, 052010.	0.4	2
125	Positron and electron scattering on atoms and molecules – modified effective range theory revisited. <i>European Physical Journal: Special Topics</i> , 2013, 222, 2335-2344.	2.6	2
126	Toward a European Network of Positron Laboratories. <i>Nukleonika</i> , 2015, 60, 733-739.	0.8	2

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127	Implementing EU Interactive Teaching Methods at Al-Farabi Kazakh National University1. Journal of Physics: Conference Series, 2021, 1929, 012092.	0.4	2
128	Genetic Algorithms for Positron Lifetime Data. Acta Physica Polonica A, 2008, 113, 1365-1372.	0.5	2
129	Positron Annihilation Studies of Czochralski-Grown Silicon Annealed Under Pressure. Acta Physica Polonica A, 1999, 95, 575-580.	0.5	2
130	Experimental investigations of a long microwave discharge in flowing gas. European Physical Journal D, 1984, 34, 1265-1268.	0.4	1
131	Evolution of Defect Profiles in He-Implanted Silicon Studied by Slow Positrons. Materials Science Forum, 1997, 255-257, 665-667.	0.3	1
132	Positron study of defects in a-SiC1 ⁿ films produced by ion beam deposition method. Applied Surface Science, 2001, 177, 96-102.	6.1	1
133	Low-energy positron-molecule scattering set-up. , 2003, , .		1
134	Dissociation pathways of protonated water clusters. , 2003, , .		1
135	Positron-annihilation monitoring of reduction processes in conducting glasses. Journal of Alloys and Compounds, 2004, 382, 257-263.	5.5	1
136	Characterization of sputtered W ⁿ Si ⁿ N thin films by a monoenergetic positron beam. Radiation Physics and Chemistry, 2007, 76, 209-212.	2.8	1
137	Positron scattering on benzene and cyclohexane: Experiment and modified effective range theory. European Physical Journal: Special Topics, 2007, 144, 197-201.	2.6	1
138	Positron Scattering at Thermal Energies. Acta Physica Polonica A, 2014, 125, 829-832.	0.5	1
139	Amorphous Carbon Thin Films Deposited on Si and PET: Study of Interface States. Acta Physica Polonica A, 2005, 107, 842-847.	0.5	1
140	Between Physics and Metaphysics " on Determinism, Arrow of Time and Causality. Filozofia i Kosmologia, 2020, 24, .	0.4	1
141	Il costante progredire della frontiera tra teologia e scienza: "Fisica", Scientia Et Fides, 2015, 3, 61.	0.7	1
142	Positronium Formation in Molecular Gases -- from Experiment to Modeling. Acta Physica Polonica B, 2017, 48, 1593.	0.8	1
143	Positronium Formation in Organic Liquids. Acta Physica Polonica A, 2017, 132, 1466-1470.	0.5	1
144	TEACHING PHYSICS USING MODERN TECHNOLOGIES: COMPUTER-CONTROLLED EXPERIMENTS. Journal of Educational Sciences, 2020, 62, .	0.0	1

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145	Constructivistic didactics in physics: implementations. Acta Universitatis Nicolai Copernici Pedagogika, 2022, 37, 185.	0.0	1
146	On Determinism, Causality, and Free Will: Contribution from Physics. Roczniki Filozoficzne, 2021, 69, 5-24.	0.0	1
147	“Atoms”-Special Issue (Electron Scattering in Gases”From Cross Sections to Plasma Modeling). Atoms, 2022, 10, 54.	1.6	1
148	Some properties of long microwave discharge in flowing gas. European Physical Journal D, 1988, 38, 817-820.	0.4	0
149	Effect of Annealing Under Uniform Stress on Photoluminescence, Electrical and Structural Properties of Silicon. Materials Research Society Symposia Proceedings, 1997, 469, 245.	0.1	0
150	Pre-Cavities Defect Distribution in He Implanted Silicon Studied by Slow Positron Beam. Solid State Phenomena, 1999, 69-70, 385-390.	0.3	0
151	Electron-diffusion coefficients in N ₂ O. , 2003, , .		0
152	Positron spectroscopy in atomic and solid state physics. , 2003, 5258, 96.		0
153	Positron annihilation and optical spectroscopy of silicon-related materials. , 2003, 5258, 186.		0
154	Defect dynamics in P+ implanted 6H -SiC studied by positron annihilation spectroscopy. Physica Status Solidi C: Current Topics in Solid State Physics, 2004, 1, 257-260.	0.8	0
155	Proton affinity and proton transfer energy for selected organic molecules. , 2005, , .		0
156	Protonated water clusters. European Physical Journal: Special Topics, 2013, 222, 2217-2221.	2.6	0
157	Atomic and Molecular Data and their Applications. European Physical Journal D, 2018, 72, 1.	1.3	0
158	Strategie dydaktyki kognitywistycznej: hyper-konstruktywizm i neo-realizm. Podstawy teoretyczne. Studia Edukacyjne, 2021, , 113-134.	0.0	0
159	Il costante progredire della frontiera tra teologia e scienza. Parte 2Â°: Metafisica. Scientia Et Fides, 2016, 4, 151.	0.7	0