

Grzegorz P Karwasz

List of Publications by Year in descending order

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Version: 2024-02-01

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 | Constructivistic didactics in physics: implementations. Acta Universitatis Nicolai Copernici Pedagogika, 2022, 37, 185. | 0.0 | 1 |
| 2 | “Atoms” Special Issue (Electron Scattering in Gases”From Cross Sections to Plasma Modeling). Atoms, 2022, 10, 54. | 1.6 | 1 |
| 3 | Strategie dydaktyki kognitywistycznej: hyper-konstruktywizm i neo-realizm. Podstawy teoretyczne. Studia Edukacyjne, 2021, , 113-134. | 0.0 | 0 |
| 4 | Ramsauer–Townsend minimum in electron scattering from CF_4 : modified effective range analysis. European Physical Journal D, 2021, 75, 1. | 1.3 | 4 |
| 5 | Implementing EU Interactive Teaching Methods at Al-Farabi Kazakh National University1. Journal of Physics: Conference Series, 2021, 1929, 012092. | 0.4 | 2 |
| 6 | Cross Sections for Electron Collisions with H ₂ O. Journal of Physical and Chemical Reference Data, 2021, 50, . | 4.2 | 24 |
| 7 | Total Cross Sections for Electron and Positron Scattering on Molecules: In Search of the Dispersion Relation. Atoms, 2021, 9, 97. | 1.6 | 3 |
| 8 | On Determinism, Causality, and Free Will: Contribution from Physics. Roczniki Filozoficzne, 2021, 69, 5-24. | 0.0 | 1 |
| 9 | “Recommended” cross sections for electron collisions with molecules. European Physical Journal D, 2020, 74, 1. | 1.3 | 10 |
| 10 | Between Physics and Metaphysics – on Determinism, Arrow of Time and Causality. Filozofia i Kosmologia, 2020, 24, . | 0.4 | 1 |
| 11 | Positron Scattering and Annihilation in Organic Molecules. Acta Physica Polonica B, 2020, 51, 207. | 0.8 | 3 |
| 12 | TEACHING PHYSICS USING MODERN TECHNOLOGIES: COMPUTER-CONTROLLED EXPERIMENTS. Journal of Educational Sciences, 2020, 62, . | 0.0 | 1 |
| 13 | Binary-encounter dipole model for positron-impact direct ionization. Physical Review A, 2019, 100, . | 2.5 | 14 |
| 14 | Cross Sections for Electron Collisions with NO, N ₂ O, and NO ₂ . Journal of Physical and Chemical Reference Data, 2019, 48, . | 4.2 | 23 |
| 15 | Atomic and Molecular Data and their Applications. European Physical Journal D, 2018, 72, 1. | 1.3 | 0 |
| 16 | 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. Journal of Physical Chemistry A, 2017, 121, 1402-1411. | 2.5 | 39 |
| 17 | Electron impact ionization cross section studies of C ₂ F _x (x = 1 – 6) and C ₃ F _x (x = 1 – 8) fluorocarbon species. European Physical Journal D, 2017, 71, 1. | 1.3 | 20 |
| 18 | Electron scattering on molecules: search for semi-empirical indications. European Physical Journal D, 2017, 71, 1. | 1.3 | 10 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Cross Sections for Electron Collisions with Acetylene. Journal of Physical and Chemical Reference Data, 2017, 46, . | 4.2 | 18 |
| 20 | Cross Sections for Electron Collisions with NF ₃ . Journal of Physical and Chemical Reference Data, 2017, 46, . | 4.2 | 13 |
| 21 | Positronium Formation in Molecular Gases -- from Experiment to Modeling. Acta Physica Polonica B, 2017, 48, 1593. | 0.8 | 1 |
| 22 | Positronium Formation in Organic Liquids. Acta Physica Polonica A, 2017, 132, 1466-1470. | 0.5 | 1 |
| 23 | Do positrons measure atomic and molecular diameters?. European Physical Journal D, 2016, 70, 1. | 1.3 | 11 |
| 24 | Il costante progredire della frontiera tra teologia e scienza. Parte 2 ^{Â°} : Metafisica. Scientia Et Fides, 2016, 4, 151. | 0.7 | 0 |
| 25 | Positron scattering on molecular hydrogen: Analysis of experimental and theoretical uncertainties. Physical Review A, 2015, 91, . | 2.5 | 25 |
| 26 | Toward a European Network of Positron Laboratories. Nukleonika, 2015, 60, 733-739. | 0.8 | 2 |
| 27 | Cross Sections for Electron Collisions with Methane. Journal of Physical and Chemical Reference Data, 2015, 44, . | 4.2 | 73 |
| 28 | 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. Journal of Fluorescence, 2015, 25, 1867-1874. | 2.5 | 24 |
| 29 | Il costante progredire della frontiera tra teologia e scienza: "Fisica" Scientia Et Fides, 2015, 3, 61. | 0.7 | 1 |
| 30 | Positron Scattering at Thermal Energies. Acta Physica Polonica A, 2014, 125, 829-832. | 0.5 | 1 |
| 31 | Electron-impact ionization of fluoromethanes " Review of experiments and binary-encounter models. International Journal of Mass Spectrometry, 2014, 365-366, 232-237. | 1.5 | 22 |
| 32 | Ramsauer-Townsend minimum in methane " modified effective range analysis. European Physical Journal D, 2014, 68, 1. | 1.3 | 13 |
| 33 | Positron and electron scattering on atoms and molecules" modified effective range theory revisited. European Physical Journal: Special Topics, 2013, 222, 2335-2344. | 2.6 | 2 |
| 34 | Protonated water clusters. European Physical Journal: Special Topics, 2013, 222, 2217-2221. | 2.6 | 0 |
| 35 | Analytic approach to modified effective-range theory for electron and positron elastic scattering. Physical Review A, 2013, 88, . | 2.5 | 25 |
| 36 | Some Systematics in Electron Scattering Cross Sections. Fusion Science and Technology, 2013, 63, 338-348. | 1.1 | 7 |

| # | ARTICLE | IF | CITATIONS |
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| 37 | Combined positron-annihilation and structural studies of hydrothermally grown zirconia. <i>Nanomaterials and Energy</i> , 2012, 1, 97-105. | 0.2 | 8 |
| 38 | 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 |
| 39 | Energy scale determination and energy resolution in positron total cross section measurements. <i>Journal of Physics: Conference Series</i> , 2010, 199, 012019. | 0.4 | 6 |
| 40 | Testing an Ortec Lifetime System. <i>Materials Science Forum</i> , 2010, 666, 155-159. | 0.3 | 6 |
| 41 | Modified effective-range theory for low energy e^- N_2 scattering. <i>European Physical Journal D</i> , 2009, 51, 347-355. | 1.3 | 17 |
| 42 | 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 |
| 43 | 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 |
| 44 | 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 |
| 45 | Genetic Algorithms for Positron Lifetime Data. <i>Acta Physica Polonica A</i> , 2008, 113, 1365-1372. | 0.5 | 2 |
| 46 | Depth Profiling of Defects in He Implanted SiO_2 . <i>Acta Physica Polonica A</i> , 2008, 113, 1447-1453. | 0.5 | 3 |
| 47 | GEOMAG, Paradoxes. <i>Physics Teacher</i> , 2007, 45, 542-545. | 0.3 | 4 |
| 48 | Characterization of sputtered Si_3N_4 thin films by a monoenergetic positron beam. <i>Radiation Physics and Chemistry</i> , 2007, 76, 209-212. | 2.8 | 1 |
| 49 | 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 |
| 50 | 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 |
| 51 | Positron scattering on benzene and cyclohexane: Experiment and modified effective range theory. <i>European Physical Journal: Special Topics</i> , 2007, 144, 197-201. | 2.6 | 1 |
| 52 | Innovative dielectrics for semiconductor technology. <i>Radiation Physics and Chemistry</i> , 2007, 76, 189-194. | 2.8 | 3 |
| 53 | Applicability of modified effective-range theory to positron-atom and positron-molecule scattering. <i>Physical Review A</i> , 2006, 73, . | 2.5 | 33 |
| 54 | Positron annihilation in B-doped and undoped single and polycrystalline Ni_3Al alloys. <i>Journal of Alloys and Compounds</i> , 2006, 421, 228-231. | 5.5 | 15 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Reactions in nanofilms of trifluoroacetic acid (CF ₃ COOH) driven by low energy electrons. International Journal of Mass Spectrometry, 2006, 254, 63-69. | 1.5 | 17 |
| 56 | 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 |
| 57 | Total cross sections for positron scattering in argon, nitrogen and hydrogen below 20eV. Nuclear Instruments & Methods in Physics Research B, 2006, 247, 68-74. | 1.4 | 49 |
| 58 | 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 |
| 59 | On positron scattering on He (and Ar) at low energies. European Physical Journal D, 2006, 37, 153-154. | 1.3 | 6 |
| 60 | Proton affinities of simple organic compounds. European Physical Journal D, 2006, 56, B1110-B1115. | 0.4 | 12 |
| 61 | Electron Scattering on Triatomic Molecules: The Need for Data. Japanese Journal of Applied Physics, 2006, 45, 8192-8196. | 1.5 | 6 |
| 62 | Single-crystal silicon coimplanted by helium and hydrogen: Evolution of decorated vacancylike defects with thermal treatments. Physical Review B, 2006, 74, . | 3.2 | 23 |
| 63 | Decoration of buried surfaces in Si detected by positron annihilation spectroscopy. Applied Physics Letters, 2006, 88, 011920. | 3.3 | 8 |
| 64 | Positron Scattering on Atoms and Molecules in the Limit of Low Energy. Acta Physica Polonica A, 2006, 110, 605-614. | 0.5 | 4 |
| 65 | Proton affinity and proton transfer energy for selected organic molecules. , 2005, , . | | 0 |
| 66 | Low-energy positron scattering on atoms and molecules. , 2005, , . | | 2 |
| 67 | Positron scattering in helium: Virtual-positronium resonances. Nuclear Instruments & Methods in Physics Research B, 2005, 240, 666-674. | 1.4 | 22 |
| 68 | Positrons " an alternative probe to electron scattering. European Physical Journal D, 2005, 35, 267-278. | 1.3 | 32 |
| 69 | Modelling electron-induced processes in "condensed" formic acid. European Physical Journal D, 2005, 35, 417-428. | 1.3 | 31 |
| 70 | 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 |
| 71 | Absence of positronium formation in clean buried nanocavities in p-type silicon. Physical Review B, 2005, 71, . | 3.2 | 19 |
| 72 | Stress and interfacial defects induced by amorphous carbon film growth on silicon. Diamond and Related Materials, 2005, 14, 1036-1040. | 3.9 | 5 |

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| 73 | 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 |
| 74 | 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 |
| 75 | Effects of Zr and Nb on d electrons in NiAl alloy studied by coincidence positron annihilation spectroscopy. <i>Materials Letters</i> , 2005, 59, 3389-3392. | 2.6 | 7 |
| 76 | Low Energy Cross-Sections for Positron Interactions with Cyclic Hydrocarbons. <i>Acta Physica Polonica A</i> , 2005, 107, 666-672. | 0.5 | 13 |
| 77 | Porosity of Low- \hat{I}° Materials Studied by Slow Positron Beam. <i>Acta Physica Polonica A</i> , 2005, 107, 702-711. | 0.5 | 17 |
| 78 | Amorphous Carbon Thin Films Deposited on Si and PET: Study of Interface States. <i>Acta Physica Polonica A</i> , 2005, 107, 842-847. | 0.5 | 1 |
| 79 | Structural Studies of Titanium Oxide Multilayers. <i>Acta Physica Polonica A</i> , 2005, 107, 977-982. | 0.5 | 4 |
| 80 | 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 |
| 81 | 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 |
| 82 | Semiempirical analysis of electron scattering cross sections in N ₂ O and CO ₂ . <i>European Physical Journal D</i> , 2004, 54, C742-C746. | 0.4 | 3 |
| 83 | Proton transfer reactions for ionized water clusters. <i>European Physical Journal D</i> , 2004, 54, C747-C752. | 0.4 | 15 |
| 84 | Defect dynamics in P+ implanted 6H -SiC studied by positron annihilation spectroscopy. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2004, 1, 257-260. | 0.8 | 0 |
| 85 | Depth profiled porosity and microstructure evolution studied by positron annihilation and Raman spectroscopy in SiOCH low- \hat{I}° films. <i>Materials Science in Semiconductor Processing</i> , 2004, 7, 289-294. | 4.0 | 8 |
| 86 | 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 |
| 87 | Studies of coincidence Doppler broadening of the electron-positron annihilation radiation in the single crystalline Bi ₂ Sr ₂ CaCu ₂ O ₈ + \hat{I} superconductor. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2004, 321, 376-380. | 2.1 | 13 |
| 88 | Application of positron annihilation techniques for semiconductor studies. <i>Journal of Alloys and Compounds</i> , 2004, 382, 244-251. | 5.5 | 40 |
| 89 | Positron-annihilation monitoring of reduction processes in conducting glasses. <i>Journal of Alloys and Compounds</i> , 2004, 382, 257-263. | 5.5 | 1 |
| 90 | Microstructural analysis of carbon films obtained from C ₆₀ fullerene ion beams. <i>Applied Surface Science</i> , 2003, 211, 379-385. | 6.1 | 11 |

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| 91 | Electron scattering on N ₂ O-from cross sections to diffusion coefficients. Radiation Physics and Chemistry, 2003, 68, 205-209. | 2.8 | 9 |
| 92 | Dissociation energies of protonated water clusters. Radiation Physics and Chemistry, 2003, 68, 313-318. | 2.8 | 14 |
| 93 | A novel set-up for positron scattering in gases. Radiation Physics and Chemistry, 2003, 68, 319-322. | 2.8 | 5 |
| 94 | Low-energy electron collisions in nitrogen oxides: a comparative study. International Journal of Mass Spectrometry, 2003, 223-224, 205-215. | 1.5 | 19 |
| 95 | Structural evolution in Ar ⁺ implanted Si-rich silicon oxide. Journal of Applied Physics, 2003, 94, 7483. | 2.5 | 19 |
| 96 | Structural studies of bismuth nanocrystals embedded in SiO ₂ or GeO ₂ matrices. Journal of Applied Physics, 2003, 94, 7270-7275. | 2.5 | 7 |
| 97 | Low-energy positron-molecule scattering set-up. , 2003, , . | | 1 |
| 98 | Electron-diffusion coefficients in N ₂ O. , 2003, , . | | 0 |
| 99 | Positron spectroscopy in atomic and solid state physics. , 2003, 5258, 96. | | 0 |
| 100 | Positron annihilation and optical spectroscopy of silicon-related materials. , 2003, 5258, 186. | | 0 |
| 101 | Dissociation pathways of protonated water clusters. , 2003, , . | | 1 |
| 102 | Total cross sections for positron scattering on argon and krypton at intermediate and high energies. Nuclear Instruments & Methods in Physics Research B, 2002, 192, 157-161. | 1.4 | 21 |
| 103 | Doppler-broadening measurements of positron annihilation with high-momentum electrons in pure elements. Nuclear Instruments & Methods in Physics Research B, 2002, 194, 519-531. | 1.4 | 96 |
| 104 | Study of precipitate in Si-rich SiO ₂ films. Applied Surface Science, 2002, 194, 106-111. | 6.1 | 10 |
| 105 | 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 |
| 106 | Positron study of defects in a-SiC _{1-x} films produced by ion beam deposition method. Applied Surface Science, 2001, 177, 96-102. | 6.1 | 1 |
| 107 | Swarm experiment on ionized water clusters. International Journal of Mass Spectrometry, 2001, 207, 97-110. | 1.5 | 13 |
| 108 | Influence of resonant scattering on electron-swarm parameters in NO. Chemical Physics Letters, 2001, 350, 318-324. | 2.6 | 35 |

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| 109 | 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 |
| 110 | Positron annihilation study of vacancy-like defects related to oxygen precipitates in Czochralski-type Si. Applied Physics Letters, 2001, 79, 1492-1494. | 3.3 | 38 |
| 111 | One century of experiments on electron-atom and molecule scattering: a critical review of integral cross-sections. Rivista Del Nuovo Cimento, 2001, 24, 1-118. | 5.7 | 29 |
| 112 | One century of experiments on electron-atom and molecule scattering: A critical review of integral cross-sections. Rivista Del Nuovo Cimento, 2001, 24, 1-101. | 5.7 | 22 |
| 113 | Surfaces of Electron-Emitting Glasses Studied by a Slow Positron Beam. Acta Physica Polonica A, 2001, 99, 465-472. | 0.5 | 3 |
| 114 | A very low-energy apparatus for positron scattering on atoms and molecules. Nuclear Instruments & Methods in Physics Research B, 2000, 171, 178-181. | 1.4 | 20 |
| 115 | Electron scattering by Ne, Ar and Kr at intermediate and high energies, 0.5-10 keV. Journal of Physics B: Atomic, Molecular and Optical Physics, 2000, 33, 843-845. | 1.5 | 20 |
| 116 | Formation of vacancy clusters and cavities in He-implanted silicon studied by slow-positron annihilation spectroscopy. Physical Review B, 2000, 61, 10154-10166. | 3.2 | 68 |
| 117 | Intermediate-energy total cross sections for electron scattering on WF6. Physical Review A, 2000, 61, . | 2.5 | 9 |
| 118 | Copper thin films used as transmission remoderators for slow positron beams. Applied Physics Letters, 2000, 76, 1476-1478. | 3.3 | 6 |
| 119 | $DT/\hat{\mu}$ and $DL/\hat{\mu}$ for electrons in NO. Journal Physics D: Applied Physics, 1999, 32, 2746-2749. | 2.8 | 7 |
| 120 | Pre-Cavities Defect Distribution in He Implanted Silicon Studied by Slow Positron Beam. Solid State Phenomena, 1999, 69-70, 385-390. | 0.3 | 0 |
| 121 | Total cross sections for electron scattering on chloromethanes: Formulation of the additivity rule. Physical Review A, 1999, 59, 1341-1347. | 2.5 | 43 |
| 122 | Additivity rule for electron-molecule cross section calculation: A geometrical approach. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 257, 75-82. | 2.1 | 31 |
| 123 | Microstructural analysis of hard amorphous carbon films deposited with high-energy ion beams. Applied Surface Science, 1999, 150, 202-210. | 6.1 | 20 |
| 124 | He-implantation induced defects in Si studied by slow positron annihilation spectroscopy. Journal of Applied Physics, 1999, 85, 2390-2397. | 2.5 | 32 |
| 125 | Helium-implanted silicon: A study of bubble precursors. Journal of Applied Physics, 1999, 85, 1401-1408. | 2.5 | 47 |
| 126 | Absolute total cross-section measurements for electron scattering from silicon tetrachloride, SiCl ₄ . European Physical Journal D, 1999, 6, 481. | 1.3 | 22 |

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| 127 | Positron Annihilation Studies of Czochralski-Grown Silicon Annealed Under Pressure. <i>Acta Physica Polonica A</i> , 1999, 95, 575-580. | 0.5 | 2 |
| 128 | Total cross section measurements for electron scattering on silicon tetrafluoride. <i>Chemical Physics Letters</i> , 1998, 284, 128-134. | 2.6 | 15 |
| 129 | A new electrostatic positron beam for surface studies. <i>Measurement Science and Technology</i> , 1998, 9, 409-416. | 2.6 | 57 |
| 130 | Transport Parameters for Electrons in Carbon Monoxide. <i>Japanese Journal of Applied Physics</i> , 1997, 36, 4733-4736. | 1.5 | 5 |
| 131 | Study of nitrogen implanted amorphous hydrogenated carbon thin films by variable-energy positron annihilation spectroscopy. <i>Journal of Applied Physics</i> , 1997, 81, 2451-2453. | 2.5 | 7 |
| 132 | Evolution of Defect Profiles in He-Implanted Silicon Studied by Slow Positrons. <i>Materials Science Forum</i> , 1997, 255-257, 665-667. | 0.3 | 1 |
| 133 | Effect of Annealing Under Uniform Stress on Photoluminescence, Electrical and Structural Properties of Silicon. <i>Materials Research Society Symposia Proceedings</i> , 1997, 469, 245. | 0.1 | 0 |
| 134 | The M ⁴ scanning positron microscope. <i>Applied Surface Science</i> , 1997, 116, 108-113. | 6.1 | 10 |
| 135 | Nitrogen effects on the microstructural evolution of carbon films under thermal annealing. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1997, 122, 553-558. | 1.4 | 7 |
| 136 | A high performance electrostatic positron beam. <i>Applied Surface Science</i> , 1997, 116, 59-62. | 6.1 | 22 |
| 137 | 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 |
| 138 | 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 |
| 139 | Absolute total cross section measurements for electron scattering on benzene molecules. <i>Chemical Physics Letters</i> , 1996, 257, 309-313. | 2.6 | 56 |
| 140 | Visible photoluminescence from pressure annealed intrinsic Czochralski-grown silicon. <i>Applied Physics Letters</i> , 1996, 69, 2900-2902. | 3.3 | 11 |
| 141 | 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 |
| 142 | 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 |
| 143 | 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 |
| 144 | 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 |

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| 145 | A Pulsed Positron Microbeam. Europhysics Letters, 1995, 29, 617-622. | 2.0 | 25 |
| 146 | A concept of a scanning positron microscope. Fresenius' Journal of Analytical Chemistry, 1995, 353, 594-597. | 1.5 | 12 |
| 147 | Phenomenology and scaling of electron scattering cross sections from "almost spherical" molecules over a wide energy range. Zeitschrift für Physik D-Atoms Molecules and Clusters, 1994, 32, 93-100. | 1.0 | 13 |
| 148 | Total cross-section measurements for e^{-} -CO scattering: 80-4000 eV. Chemical Physics Letters, 1993, 211, 529-533. | 2.6 | 37 |
| 149 | Total-cross-section measurements for electron scattering by NH_3 , SiH_4 , and H_2S in the intermediate-energy range. Physical Review A, 1992, 45, 2777-2783. | 2.5 | 95 |
| 150 | Absolute total-cross-section measurements for intermediate-energy electron scattering on CF_4 , $CClF_3$, CCl_2F_2 , CCl_3F , and CCl_4 . Physical Review A, 1992, 46, 3877-3882. | 2.5 | 62 |
| 151 | SF_6 absolute total electron scattering cross section in the 75-4000 eV energy range. Chemical Physics Letters, 1992, 199, 423-425. | 2.6 | 19 |
| 152 | Absolute total cross sections for electron scattering on CH_4 molecules in the 1-4000 eV energy range. Journal of Physics B: Atomic, Molecular and Optical Physics, 1991, 24, 2747-2754. | 1.5 | 73 |
| 153 | Total absolute cross section measurements for electron scattering on NH_3 , OCS and N_2O . Journal of Physics B: Atomic, Molecular and Optical Physics, 1989, 22, 525-530. | 1.5 | 62 |
| 154 | Some properties of long microwave discharge in flowing gas. European Physical Journal D, 1988, 38, 817-820. | 0.4 | 0 |
| 155 | Absolute total cross sections for electron- CO_2 scattering at energies from 0.5 to 3000 eV. Journal of Physics B: Atomic and Molecular Physics, 1987, 20, 5817-5825. | 1.6 | 48 |
| 156 | Absolute total cross section measurements for intermediate energy electron scattering: III. Ne and Ar. Journal of Physics B: Atomic and Molecular Physics, 1987, 20, 5157-5164. | 1.6 | 44 |
| 157 | Total absolute cross sections for electron scattering on H_2O at intermediate energies. Journal of Physics B: Atomic and Molecular Physics, 1987, 20, L133-L136. | 1.6 | 44 |
| 158 | Absolute total electron-scattering cross sections of N_2O and OCS in the low-energy region. Chemical Physics Letters, 1984, 107, 481-484. | 2.6 | 58 |
| 159 | Experimental investigations of a long microwave discharge in flowing gas. European Physical Journal D, 1984, 34, 1265-1268. | 0.4 | 1 |