

Mehmet Ertugrul

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Complex Permittivity and Thickness Evaluation of Low-Loss Dielectrics From Uncalibrated Free-Space Time-Domain Measurements. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-10.	6.3	18
2	Calibration-Free Time-Domain Free-Space Permittivity Extraction Technique. IEEE Transactions on Antennas and Propagation, 2022, 70, 1565-1568.	5.1	12
3	Photocatalytic activity of cobalt aluminate nanoparticles synthesized by microwave-assisted combustion method. Journal of Physics and Chemistry of Solids, 2022, 161, 110482.	4.0	4
4	Broadband Soil Permittivity Measurements Using a Novel De-Embedding Line-Embedding Method. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	5
5	Effect of Mn and Zn doping on natural resonance frequency of strontium U-type hexaferrite and its performance as electromagnetic wave absorbers. Journal of Alloys and Compounds, 2022, 898, 163246.	5.5	8
6	Performance and feasibility study of a new hybrid solar water heater integrated a small water turbine. Energy Storage, 2022, 4, .	4.3	3
7	Theoretical investigation of structural, electronic, and optical properties of halide cubic perovskite CsPbBr ₃ -xI _x . Materials Science in Semiconductor Processing, 2022, 141, 106442.	4.0	15
8	Improved Method for Permittivity Determination of Dielectric Samples by Free-Space Measurements. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-8.	4.7	12
9	Determination of Propagation Constants and Wave Impedance of Non-Reciprocal Networks From Position-Insensitive Waveguide Measurements. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 2723-2731.	4.6	2
10	Easy-to-Implement Ultra-Thin, Wide-Band, and Multi-Functional Polarization Converter for K and Ka Band Applications. Advanced Theory and Simulations, 2022, 5, .	2.8	3
11	The hierarchical synthesis of tungsten disulfide coated vertically aligned boron carbon nitride nanotubes composite electrodes for supercapacitors. Journal of Energy Storage, 2022, 52, 104964.	8.1	11
12	Comparative analysis of hydrogen sensing based on treated-TiO ₂ in thick film gas sensor. Applied Physics A: Materials Science and Processing, 2022, 128, .	2.3	3
13	The effect of deposition time on the growth and properties of copper doped zinc sulfide thin films deposited via spray pyrolysis. Materials Chemistry and Physics, 2022, , 126481.	4.0	2
14	Thermally Processed Quantum-Dot Polypropylene Composite Color Converter Film for Displays. ACS Applied Materials & Interfaces, 2022, 14, 31160-31169.	8.0	2
15	Analysis of Solution Pattern of Natural Frequencies by a Graphical Method. IEEE Transactions on Antennas and Propagation, 2021, 69, 1209-1212.	5.1	5
16	Determination of Constitutive Parameters of Strong-Coupled Bianisotropic Metamaterials Using Oblique Incidence Scattering Parameters. IEEE Transactions on Antennas and Propagation, 2021, 69, 918-927.	5.1	10
17	Simple and Accurate Electromagnetic Characterization of Omega-Class Bianisotropic Metamaterials Using the State Transition Matrix Method. IEEE Transactions on Antennas and Propagation, 2021, 69, 7064-7067.	5.1	2
18	Synthesis and characterization of graphene/carbon nanotube hybrid: effects of Ni catalyst thickness and H ₂ flow rate on growth and morphological structure. Journal of Materials Science: Materials in Electronics, 2021, 32, 7943-7955.	2.2	4

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19	Parameter Retrieval of Samples on a Substrate From Reflection-Only Waveguide Measurements. IEEE Microwave and Wireless Components Letters, 2021, 31, 320-323.	3.2	1
20	Fabrication and Analysis Of 2D/3D Heterojunction Between Continuous Few-layer WS ₂ Film and Si (100). Hittite Journal of Science & Engineering, 2021, 8, 01-05.	0.5	2
21	Graphical Method for Examining Complex Natural Frequencies of Dispersive Materials. IEEE Microwave and Wireless Components Letters, 2021, 31, 421-424.	3.2	4
22	Effect of sample deformation in longitudinal axis on material parameter extraction by waveguides. Measurement: Journal of the International Measurement Confederation, 2021, 176, 109175.	5.0	3
23	In-situ thin film copper-copper thermocompression bonding for quantum cascade lasers. Journal of Materials Science: Materials in Electronics, 2021, 32, 15605-15614.	2.2	1
24	New formalism for characterization of simple non-reciprocal networks free from singularity-point problem. Measurement: Journal of the International Measurement Confederation, 2021, 177, 109309.	5.0	1
25	Determination of the effect of temperature on relative L X-ray intensity ratio of gadolinium, dysprosium and erbium. Radiation Physics and Chemistry, 2021, 183, 109389.	2.8	2
26	Prediction of water-adulteration within honey by air-line de-embedding waveguide measurements. Measurement: Journal of the International Measurement Confederation, 2021, 179, 109469.	5.0	8
27	Laser-induced scanning transfer deposition of silver electrodes on glass surfaces: A green and scalable technology. Applied Surface Science, 2021, 556, 149673.	6.1	5
28	Measurement of Propagation Characteristics of Nonreciprocal Networks/Lines Using a Line-Line Method. IEEE Transactions on Electromagnetic Compatibility, 2021, 63, 1240-1247.	2.2	4
29	Coupling analysis between resonating metamaterial slabs using scattering parameters. Measurement: Journal of the International Measurement Confederation, 2021, 182, 109562.	5.0	1
30	Effects of MWCNTs/graphene nanoflakes/MXene addition to TiO ₂ thick film on hydrogen gas sensing. Journal of Alloys and Compounds, 2021, 882, 160671.	5.5	26
31	Feasibility and Thermal/Electrical performance study of two smart hybrid systems combining parabolic trough collector with tubular thermoelectric generator. Energy Reports, 2021, 7, 1539-1559.	5.1	22
32	A carbon dioxide detector fabrication with screen printing technique for use in airplanes. Aircraft Engineering and Aerospace Technology, 2021, ahead-of-print, .	1.2	0
33	Ultra-conductive wires with cascaded carbon nanotube/Cu structure. Diamond and Related Materials, 2021, 120, 108711.	3.9	2
34	An improvement of current driving and electrical conductivity properties in covetics. Turkish Journal of Physics, 2021, 45, 366-377.	1.1	0
35	Method for Electromagnetic Property Extraction of Sublayers in Metal-Backed Inhomogeneous Metamaterials. IEEE Access, 2020, 8, 151705-151718.	4.2	7
36	Single-step, large-area, variable thickness sputtered WS ₂ film-based field effect transistors. Ceramics International, 2020, 46, 26854-26860.	4.8	9

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37	Comparative study of a normal solar water heater and smart thermal/thermoelectric hybrid systems. Materials Today: Proceedings, 2020, 30, 1039-1042.	1.8	3
38	Influence of B ₂ O ₃ Addition on the Properties of TiO ₂ Thick Film at Various Annealing Temperatures for Hydrogen Sensing. Journal of Electronic Materials, 2020, 49, 3340-3349.	2.2	7
39	Propagation constant measurements of reflection-asymmetric and nonreciprocal microwave networks from S-parameters without using a reflective standard. Measurement: Journal of the International Measurement Confederation, 2020, 165, 108126.	5.0	9
40	A Study on Microwave Absorption Properties of Carbon Black and Ni _{0.6} Zn _{0.4} Fe ₂ O ₄ Nanocomposites by Tuning the Matching-Absorbing Layer Structures. Scientific Reports, 2020, 10, 3135.	3.3	64
41	Comparative study of single- and double-layer BaFe ₁₂ O ₁₉ -Graphite nanocomposites for electromagnetic wave absorber applications. Materials Research Bulletin, 2020, 126, 110843.	5.2	15
42	A comprehensive study of molybdenum boats behavior during service life for continuous thermal evaporation technique, used in thin film technology. Vacuum, 2020, 176, 109167.	3.5	4
43	TiO ₂ /B ₂ O ₃ thick film gas sensor for monitoring carbon monoxide at different operating temperatures. Journal of Physics: Conference Series, 2020, 1432, 012040.	0.4	3
44	Effect of nanometric and micronic particles size on physical and electrical properties of graphite thick film. International Journal of Nanotechnology, 2020, 17, 825.	0.2	1
45	Synthesis of ultra-long boron nanowires as supercapacitor electrode material. Applied Surface Science, 2019, 493, 787-794.	6.1	2
46	Magnetic phase transition of mechanically alloyed single sample Co _{0.5} Ni _{0.5} Fe ₂ O ₄ . Results in Physics, 2019, 15, 102683.	4.1	4
47	Feasibility and performance investigation of a new smart system integrating planar/tubular thermoelectric generators with solar flat plate collector. Energy Conversion and Management, 2019, 199, 111980.	9.2	22
48	Response of TiO ₂ /MWCNT/B ₂ O ₃ gas sensor to hydrogen using different organic binder. Materials Science in Semiconductor Processing, 2019, 99, 140-148.	4.0	24
49	The use of Γ -MnOOH nanosheets as battery-type electrode for supercapacitor applications. Journal of Materials Science: Materials in Electronics, 2019, 30, 8201-8209.	2.2	12
50	Effect of the Sensing Layer Resistivity on Sensitivity in DSAWR Sensors. , 2019, , .		0
51	Two Dimensional Ti ₃ C ₂ T _x MXene Electrode For Supercapacitor Application. , 2019, , .		1
52	Silicon-doping influence on the crystalline, surface and optical features of cadmium oxide films deposited by sol-gel spin route. Optik, 2018, 165, 310-318.	2.9	11
53	Synthesis of In ₂ O ₃ nanostructures with different morphologies as potential supercapacitor electrode materials. Applied Surface Science, 2018, 427, 956-964.	6.1	36
54	Detecting Hydrogen Using TiO ₂ /B ₂ O ₃ /O ₃ at Different Operating Temperature. , 2018, , .		1

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55	A microstrip patch antenna operation on cylindrical structures based on silicon rubber. , 2018, , .		3
56	A Hydrogen Gas Sensor Based on TiO ₂ Nanoparticles on Alumina Substrate. Sensors, 2018, 18, 2483.	3.8	32
57	Effective Constitutive Parameters Retrieval Method for Bianisotropic Metamaterials Using Waveguide Measurements. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 1488-1497.	4.6	59
58	Effects of graphite on the synthesis of 1-D single crystal In ₂ O ₃ nanostructures at high temperature. Materials Science in Semiconductor Processing, 2017, 66, 62-68.	4.0	11
59	A device for X-Ray elemental mapping using annular radioisotope source. X-Ray Spectrometry, 2017, 46, 486-491.	1.4	0
60	Investigation of temperature, catalyst thickness and substrate effects in In ₂ O ₃ nanostructures. Journal of Physics and Chemistry of Solids, 2017, 111, 439-446.	4.0	2
61	A Comparative Study on Structural and Optical Properties of ZnO Micro-Nanorod Arrays Grown on Seed Layers Using Chemical Bath Deposition and Spin Coating Methods. Medziagotyra, 2016, 22, .	0.2	3
62	Boundary Effects on the Determination of Electromagnetic Properties of Bianisotropic Metamaterials From Scattering Parameters. IEEE Transactions on Antennas and Propagation, 2016, 64, 3459-3469.	5.1	19
63	The preparation of hard and superhydrophilic MgB ₂ coating by spray pyrolysis deposition. Materialwissenschaft Und Werkstofftechnik, 2016, 47, 808-814.	0.9	0
64	Fetal Heart Rate Monitoring System (FHRMS). , 2016, , .		5
65	Investigation of K X-ray intensity ratios of some 4d transition metals depending on the temperature. Applied Radiation and Isotopes, 2016, 115, 147-154.	1.5	5
66	Investigation of coherent to incoherent scattering cross section ratios of some foil metals depending on the temperature. Journal of Physics: Conference Series, 2016, 707, 012007.	0.4	5
67	Reference-plane-invariant and thickness- and branch-index-independent retrieval of effective parameters of bi-anisotropic metamaterials. AIP Advances, 2015, 5, .	1.3	9
68	Constitutive parameters determination of bi-anisotropic metamaterials using a waveguide method. , 2015, , .		2
69	Microelectrod fabrication for diagnosis and treatment of brain disorders. , 2015, , .		0
70	Fabrication of superconducting YBCO microwave microstrip resonators. , 2015, , .		0
71	Characterization of Porous Silicon Fabry-Pérot Optical Sensors for Reflectivity and Transmittivity Measurements. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 174-183.	2.9	7
72	Identification of Gases by Porous Optical Sensors Using Reflectivity Difference and Wavelength Shift. IEEE Photonics Technology Letters, 2015, 27, 596-599.	2.5	5

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73	Semi-Infinite Reflection Coefficients of Bi-Anisotropic Metamaterial Slabs Including Boundary Effects. IEEE Microwave and Wireless Components Letters, 2015, 25, 283-285.	3.2	7
74	Improving the limit of detection (LOD) of microsensor used in detection of brain diseases via wavelet filter. , 2015, , .		0
75	Determination of Reference-Plane Invariant, Thickness-Independent, and Broadband Constitutive Parameters of Thin Materials. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 2313-2321.	4.6	40
76	Investigation of transmitted, reflected, and absorbed powers of periodic and aperiodic multilayered structures composed of bi-anisotropic metamaterial slab and conventional material. Photonics and Nanostructures - Fundamentals and Applications, 2015, 13, 106-119.	2.0	13
77	Reference-Plane-Invariant Effective Thickness and Electromagnetic Property Determination of Isotropic Metamaterials Involving Boundary Effects. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 301-311.	2.9	9
78	The effects of heat treatment on the synthesis of nickel ferrite (NiFe ₂ O ₄) nanoparticles using the microwave assisted combustion method. Journal of Magnetism and Magnetic Materials, 2015, 374, 298-306.	2.3	72
79	Microwave method for reference-plane-invariant and thickness-independent permittivity determination of liquid materials. Review of Scientific Instruments, 2014, 85, 014705.	1.3	18
80	Simple procedure for robust and accurate complex permittivity measurements of low-loss materials over a broad frequency band. Journal of Electromagnetic Waves and Applications, 2014, 28, 903-915.	1.6	2
81	Determination of constitutive parameters of homogeneous metamaterial slabs by a novel calibration-independent method. AIP Advances, 2014, 4, 107116.	1.3	11
82	Two-step numerical procedure for complex permittivity retrieval of dielectric materials from reflection measurements. Applied Physics A: Materials Science and Processing, 2014, 116, 1701-1710.	2.3	10
83	Power analysis of multilayer structures composed of conventional materials and bi-anisotropic metamaterial slabs. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 939.	2.1	12
84	Attractive method for thickness-independent permittivity measurements of solid dielectric materials. Sensors and Actuators A: Physical, 2014, 206, 107-120.	4.1	17
85	Reference-plane invariant transmission-reflection method for measurement of constitutive parameters of liquid materials. Sensors and Actuators A: Physical, 2013, 203, 346-354.	4.1	15
86	Artificial pinning centers for superconducting microwave resonators. , 2013, , .		0
87	Influence of Deposition Pressure (O ₂) on the YBCO (Y123) Thin Films Prepared by Pulsed Laser Deposition. Journal of Superconductivity and Novel Magnetism, 2013, 26, 1873-1877.	1.8	4
88	Effect of Nb doping on structural, electrical and optical properties of spray deposited SnO ₂ thin films. Superlattices and Microstructures, 2013, 56, 107-116.	3.1	98
89	Nanostructured columnar heterostructures of TiO ₂ and Cu ₂ O enabled by a thin-film self-assembly approach: Potential for photovoltaics. Materials Research Bulletin, 2013, 48, 352-356.	5.2	15
90	Stepwise technique for accurate and unique retrieval of electromagnetic properties of bianisotropic metamaterials. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 1058.	2.1	59

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91	The domestic livestock resources of Turkey: inventory of pigeon groups and breeds with notes on breeder organizations. <i>World's Poultry Science Journal</i> , 2013, 69, 265-278.	3.0	9
92	The domestic livestock resources of Turkey: sheep breeds and cross-breeds and their conservation status. <i>Animal Genetic Resources = Ressources Genetiques Animales = Recursos Geneticos Animales</i> , 2013, 52, 147-163.	0.1	11
93	Enhanced critical current density using Nd ₂ O ₃ nano-islands on NdBa ₂ Cu ₃ O _{7-δ} thin films prepared by PLD. <i>EPJ Applied Physics</i> , 2013, 62, 10403.	0.7	1
94	Study of Structural and Optical Properties of Zinc Oxide Rods Grown on Glasses by Chemical Spray Pyrolysis. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-5.	2.7	11
95	The domestic livestock resources of Turkey: cattle local breeds and types and their conservation status. <i>Animal Genetic Resources = Ressources Genetiques Animales = Recursos Geneticos Animales</i> , 2012, 50, 65-73.	0.1	15
96	Superconducting properties of YBa ₂ Cu ₃ O _{7-δ} films deposited on commercial tape substrates, decorated with Pd or Ta nano-islands. <i>Superconductor Science and Technology</i> , 2012, 25, 025018.	3.5	15
97	Differential uncertainty analysis for evaluating the accuracy of S-parameter retrieval methods for electromagnetic properties of metamaterial slabs. <i>Optics Express</i> , 2012, 20, 29002.	3.4	18
98	The domestic livestock resources of Turkey: goat breeds and types and their conservation status. <i>Animal Genetic Resources = Ressources Genetiques Animales = Recursos Geneticos Animales</i> , 2012, 51, 105-116.	0.1	13
99	Permeability Measurement of Split-Ring Resonator Metamaterials from Free-Space Transmission-Only Calibration-Independent Methods. <i>Journal of Electromagnetic Waves and Applications</i> , 2012, 26, 54-63.	1.6	6
100	APPLICATION OF A USEFUL UNCERTAINTY ANALYSIS AS A METRIC TOOL FOR ASSESSING THE PERFORMANCE OF ELECTROMAGNETIC PROPERTIES RETRIEVAL METHODS OF BIANISOTROPIC METAMATERIALS. <i>Progress in Electromagnetics Research</i> , 2012, 128, 365-380.	4.4	10
101	Domestic livestock resources of Turkey. <i>Tropical Animal Health and Production</i> , 2012, 44, 707-714.	1.4	34
102	Effect of different housing systems on fattening performance, slaughter and carcass characteristics of AkkeÅsi (White Goat) male kids. <i>Tropical Animal Health and Production</i> , 2011, 43, 591-596.	1.4	6
103	Optical Properties of ZnO Nanorods on Glass Via Spray Deposition of Solution Containing Zinc Chloride and Thiourea. <i>IEEE Nanotechnology Magazine</i> , 2011, 10, 532-536.	2.0	4
104	Fabrication of ZnO nanorods by simplified spray pyrolysis. <i>Bitlis Eren University Journal of Science and Technology</i> , 2011, 1, 1-1.	0.8	3
105	Permittivity determination of liquid materials using waveguide measurements for industrial applications. <i>IET Microwaves, Antennas and Propagation</i> , 2010, 4, 141.	1.4	9
106	Average 2p subshells fluorescence yield values of some elements in the atomic number range 60-90. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2010, 177, 19-23.	1.7	2
107	Noniterative Permittivity Extraction of Lossy Liquid Materials From Reflection Asymmetric Amplitude-Only Microwave Measurements. <i>IEEE Microwave and Wireless Components Letters</i> , 2009, 19, 419-421.	3.2	39
108	Measurements of K X-ray fluorescence cross sections of Fe, Co, and Ni in an external magnetic field. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2009, 279, 171-178.	1.5	6

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109	Trace elemental analysis of mitral valves by EDXRF. Spectroscopy, 2008, 22, 57-62.	0.8	2
110	K/K X-ray intensity ratios for elements in the range $16 \leq Z \leq 92$ excited by 5.9, 59.5 and 123.6 keV photons. Radiation Physics and Chemistry, 2007, 76, 15-22.	2.8	55
111	Determination of probabilities of vacancy transfer from K to L shell using K X-ray intensity ratios. European Physical Journal D, 2006, 37, 371-375.	1.3	17
112	Ratios of internal conversion coefficients. Atomic Data and Nuclear Data Tables, 2006, 92, 207-243.	2.4	13
113	Iron electrodiffusion of bulk YBaCuO superconductor under different magnetic fields. Materials Letters, 2006, 60, 1778-1781.	2.6	7
114	Measurement of angular dependence from L3-subshell to M-shell vacancy transfer probabilities for the elements in the atomic region $71 \leq Z \leq 78$. Journal of Quantitative Spectroscopy and Radiative Transfer, 2005, 90, 161-168.	2.3	8
115	X-ray attenuation coefficients of Fe compounds in the K-edge region at different energies and the validity of the mixture rule. Journal of Quantitative Spectroscopy and Radiative Transfer, 2005, 92, 143-151.	2.3	23
116	Determination of trace elements in cole (Brassica oleraceae var. acephale) at Trabzon region in Turkey. Journal of Quantitative Spectroscopy and Radiative Transfer, 2005, 94, 181-187.	2.3	33
117	K-shell absorption jump factors for the elements Ag, Cs, Ba and La derived from new mass attenuation coefficient measurements using EDXRF technique. Radiation Measurements, 2005, 39, 409-415.	1.4	33
118	Total M shell X-ray production cross sections and average fluorescence yields in 11 elements from Tm to U at photon energy of 5.96keV. Radiation Physics and Chemistry, 2005, 72, 549-554.	2.8	28
119	Measurement of vacancy transfer probabilities from K to L shell for high atomic number elements. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2005, 60, 519-524.	2.9	24
120	K shell and L subshell and L shell photoeffect cross-sections in the atomic region $40 \leq Z \leq 52$ and $58 \leq Z \leq 68$ at 59.537keV. Nuclear Instruments & Methods in Physics Research B, 2005, 227, 485-489.	1.4	15
121	Measurement of the L3 to M _i , Ni and O subshells radiative transition probabilities of elements in the atomic number range $73 \leq Z \leq 92$. Physica Scripta, 2004, 70, 283-287.	2.5	10
122	L X-ray intensity ratios for elements in the range $74 \leq Z \leq 92$ at 31.635 keV. Nuclear Instruments & Methods in Physics Research B, 2004, 222, 432-436.	1.4	7
123	Measurement of L shell X-ray fluorescence intensity ratios for some elements in the atomic number range of $66 \leq Z \leq 90$ by photoionization of consecutive L-subshells. Journal of Radioanalytical and Nuclear Chemistry, 2004, 260, 75-79.	1.5	8
124	Measurements of Coster-Kronig enhancement factors of some elements in the atomic number range $74 \leq Z \leq 90$. Radiation Physics and Chemistry, 2004, 69, 17-21.	2.8	6
125	Elemental composition of cement kiln dust, raw material and cement from a coal-fired cement factory using energy dispersive X-ray fluorescence spectroscopy. Journal of Quantitative Spectroscopy and Radiative Transfer, 2004, 83, 377-385.	2.3	10
126	Calculation of L shell production cross sections for the elements with $40 \leq Z \leq 92$ at 1 keV. Journal of Quantitative Spectroscopy and Radiative Transfer, 2004, 84, 239-246.	2.3	3

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127	Calculation of M x-ray production cross sections from 1â€“1500 keV in the atomic region 70â‰¤ Zâ‰¤ 92. X-Ray Spectrometry, 2004, 33, 136-145.	1.4	5
128	Inelastic and elastic scattering differential cross-sections of 59.5 keV photons for Cu and Zn targets. X-Ray Spectrometry, 2004, 33, 349-353.	1.4	0
129	Angular dependence of coherent to incoherent scattering differential cross-section ratios for Zr, Nb and Mo elements. Radiation Measurements, 2004, 38, 271-276.	1.4	8
130	A study on anisotropy of L2 to L3 Costerâ€“Kronig transition (f23) for Th and U elements. Journal of Quantitative Spectroscopy and Radiative Transfer, 2004, 86, 353-359.	2.3	0
131	X-ray attenuation coefficient measurements for photon energies 4.508â€“13.375keV in Cu, Cr and their compounds and the validity of the mixture rule. Analytica Chimica Acta, 2004, 515, 349-352.	5.4	12
132	Chemical effects on L α , L η , L γ , L $\{mathsf i\}$, and L η X-ray production cross-sections and L $\{mathsf i\}$ / L α X-ray intensity ratios of Hg, Pb and Bi compounds at 59.54 keV. European Physical Journal D, 2003, 26, 231-236.	1.3	17
133	Measurement of K, L and higher shell photoionisation cross-sections at 59.5 keV. Analytica Chimica Acta, 2003, 491, 239-244.	5.4	6
134	Measurement of K to L shell vacancy transfer probabilities for the elements 52â‰¤ Zâ‰¤ 68. Journal of Quantitative Spectroscopy and Radiative Transfer, 2003, 78, 163-169.	2.3	14
135	Measurement of K to L shell vacancy transfer probabilities for the elements 46â‰¤ Zâ‰¤ 55 by photoionization. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2003, 58, 1859-1865.	2.9	18
136	Measurement of L X-ray production cross sections and Li subshell fluorescence yields. Journal of Electron Spectroscopy and Related Phenomena, 2003, 130, 111-118.	1.7	14
137	L-subshell and total L-shell photoeffect cross-sections measurements for Pb, Au, W, and Ta at. Radiation Physics and Chemistry, 2003, 66, 197-205.	2.8	6
138	Determination of K-shell absorption jump factor for some elements using EDXRF Technique. Radiation Measurements, 2003, 37, 103-107.	1.4	30
139	Measurements of Coster-Kronig enhancement factors of some elements in the atomic number range 66 â‰¤ Zâ‰¤ 72. X-Ray Spectrometry, 2003, 32, 153-157.	1.4	11
140	Measurement of diffusion coefficients of Ag in YBa2Cu3O7by the EDXRF technique. X-Ray Spectrometry, 2003, 32, 363-366.	1.4	10
141	Determination of Medium Elements in Algae of Karasu (FÄ±rat) River by EDXRF Using an 241Am Excitation Source. Instrumentation Science and Technology, 2003, 31, 189-196.	1.8	3
142	Determination of probabilities of vacancy transfer from the K to the Lisubshell using L x-ray production cross-sections. Journal of Physics B: Atomic, Molecular and Optical Physics, 2003, 36, 2275-2282.	1.5	14
143	Reply to â€œComment on â€“Coster-KronigL-shell yieldf23of Dy, W, and Biâ€“â€™. Physical Review A, 2002, 65, . 2.5	2.5	0
144	Measurement of L 3 to M shell vacancy transfer probabilities of Th and U. Radiochimica Acta, 2002, 90, 885-887.	1.2	0

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145	Measurement of Alignment Parameter for Photon Induced L3 Vacancies in the Elements 59 $\leq Z \leq$ 92. <i>Physica Scripta</i> , 2002, 66, 289-292.	2.5	2
146	Measurement of L x-ray Production Cross-sections at 5.96 keV and Average L and M Shell Fluorescence Yields of Elements in the Atomic Number Range 40 $\leq Z \leq$ 55. <i>Physica Scripta</i> , 2002, 65, 323-327.	2.5	8
147	DETERMINATION OF TRACE ELEMENTS OF EMBOLI (CLOT) IN THE CARDIOVASCULAR SYSTEMS OF PATIENTS BY ENERGY DISPERSIVE X-RAY FLUORESCENCE ANALYSIS. <i>Instrumentation Science and Technology</i> , 2002, 30, 449-454.	1.8	5
148	Measurement of total, radiative and radiationless (Auger) vacancy transfer probabilities from K to Li sub-shells of Cs, Ba and La. <i>Journal of Analytical Atomic Spectrometry</i> , 2002, 17, 64-68.	3.0	15
149	Determination of level widths and fluorescence yields of some atomic sub-shells for Th and U. <i>Journal of Analytical Atomic Spectrometry</i> , 2002, 17, 400-405.	3.0	11
150	Measurement of $K_{L2}^{22'}/K_{L2}^{21'}$ and $K_{L2}^{22'}/K_{L1}^{21}$ relative intensities with ^{57}Co for heavy elements. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2002, 35, 601-604.	1.5	12
151	Measurement of L3 subshell fluorescence yields of some elements in the atomic range $57 \leq Z \leq 68$ using photoionisation. <i>Applied Radiation and Isotopes</i> , 2002, 57, 57-61.	1.5	5
152	Measurement of Coster-Kronig vacancy transfer factor for L3 subshell X-rays of Au, Hg, Pb, Tl, Bi, Th and U at 59.5keV. <i>Applied Radiation and Isotopes</i> , 2002, 57, 63-66.	1.5	10
153	Measurement of the K shell absorption jump factor of some elements. <i>Radiation Physics and Chemistry</i> , 2002, 64, 1-3.	2.8	34
154	K shell fluorescence yields for elements with $33 \leq Z \leq 53$ using 59.5keV photons. <i>Radiation Physics and Chemistry</i> , 2002, 65, 27-31.	2.8	15
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