

Justyna Tomaszewska

List of Publications by Year in descending order

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162
papers

4,730
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126858

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165
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165
docs citations

165
times ranked

6820
citing authors

#	ARTICLE	IF	CITATIONS
1	The Potential of Al ₂ O ₃ -ZrO ₂ -Based Composites, Formed via CSC Method, in Linear Infrastructure Applications Based on Their Mechanical, Thermal and Environmental performance. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2022, 53, 663-678.	1.1	4
2	Sustainable ZTA composites produced by an advanced centrifugal slip casting method. Ceramics International, 2022, 48, 11678-11695.	2.3	4
3	Analysis of Aircraft Operation System Regarding Readiness Case Study. Aerospace, 2022, 9, 14.	1.1	1
4	Properties of Al ₂ O ₃ /Ti/Ni composites fabricated via centrifugal slip casting under environmentally assessed conditions as a step toward climate-neutral society. Ceramics International, 2022, 48, 21879-21892.	2.3	3
5	Comparison of Readiness to Perform the Task of Aircraft Used for Cadet Training. , 2021, , .		0
6	Zirconia-Alumina Composites Obtained by Centrifugal Slip Casting as Attractive Sustainable Material for Application in Construction. Materials, 2021, 14, 250.	1.3	13
7	Analysis of the Reliability of Training Helicopters. , 2021, , .		0
8	Reliability Analysis of the On-Board Flight and Navigation Equipment on the Aircraft. , 2021, , .		0
9	Quantifying Environmental Burdens of Plasters Based on Natural vs. Flue Gas Desulfurization (FGD) Gypsum. Sustainability, 2021, 13, 4298.	1.6	3
10	Monitoring System for Railway Infrastructure Elements Based on Thermal Imaging Analysis. Sensors, 2021, 21, 3819.	2.1	22
11	Al ₂ O ₃ /ZrO ₂ Materials as an Environmentally Friendly Solution for Linear Infrastructure Applications. Materials, 2021, 14, 2375.	1.3	8
12	Sintering Behavior, Thermal Expansion, and Environmental Impacts Accompanying Materials of the Al ₂ O ₃ /ZrO ₂ System Fabricated via Slip Casting. Materials, 2021, 14, 3365.	1.3	9
13	Leaching and VOC Emission Tests of Polymer Composites Produced from Post-Consumer Waste in Terms of Application in the Construction Sector. Materials, 2021, 14, 3518.	1.3	2
14	Environmental footprint as a criterion in the ZTA composites forming process via centrifugal slip casting. Ceramics International, 2021, 47, 18053-18064.	2.3	8
15	Reliability Assessment of Aircraft Commutators. Energies, 2021, 14, 7404.	1.6	4
16	Fuzzy Logic in Aircraft Onboard Systems Reliability Evaluation A New Approach. Sensors, 2021, 21, 7913.	2.1	10
17	Polish Transition towards Circular Economy: Materials Management and Implications for the Construction Sector. Materials, 2020, 13, 5228.	1.3	23
18	Environmental Footprint of Cementitious Adhesives Components of ETICS. Sustainability, 2020, 12, 8998.	1.6	6

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19	Influence of Rendering Type on the Environmental Characteristics of Expanded Polystyrene-Based External Thermal Insulation Composite System. Buildings, 2020, 10, 47.	1.4	15
20	Operating Reliability in the Special Air Transport of the Aircraft Gulfstream G55. , 2020, , .		0
21	Analysis of Lifetime Prediction of the on Board Starter Current. , 2020, , .		0
22	Analysis of the Causes of Aviation Accidents During Controlled Flight into Terrain. , 2020, , .		1
23	Reliability Determination of Nanoelectronic Devices Using Semi-Marcov Processes. Journal of KONBiN, 2020, 50, 277-296.	0.1	0
24	Statistical Analysis of Aviation Accidents and Incidents Caused by Failure of Hydraulic Systems. MATEC Web of Conferences, 2019, 291, 01005.	0.1	1
25	Analysis of the operation process of a training aircraft-Cessna 150. MATEC Web of Conferences, 2019, 292, 01009.	0.1	0
26	Limits on contact interactions and leptiquarks at HERA. Physical Review D, 2019, 99, .	1.6	8
27	Comparative Analysis of Pseudorange Error of GPS and GLONASS Satellite Systems. , 2019, , .		0
28	Comparative analysis of vitality of GPS and GLONASS satellite systems. Transportation Research Procedia, 2019, 43, 57-62.	0.8	2
29	Hazards and Risk Minimization of Manned Interplanetary Missions. , 2019, , .		0
30	Analysis of the development of aviation infrastructure on the example a country from North America. WUT Journal of Transportation Engineering, 2019, 127, 5-14.	0.1	0
31	Challenges for Air Transport Providers in Czech Republic and Poland. Journal of Advanced Transportation, 2018, 2018, 1-7.	0.9	3
32	Risk analysis with the usage of IT system TURAWA. MATEC Web of Conferences, 2018, 210, 04008.	0.1	1
33	Multi-criteria mathematical model of the pilot training process. MATEC Web of Conferences, 2018, 210, 04012.	0.1	3
34	Statistical Analysis of the Volume of Passenger Air Traffic in Europe in years 2004-2015. Transportation Research Procedia, 2018, 35, 72-79.	0.8	3
35	The Impact of Input Parameters on the Reliability of Aircraft. , 2018, , .		1
36	Combination and QCD analysis of charm and beauty production cross-section measurements in deep inelastic ep scattering at HERA. European Physical Journal C, 2018, 78, 1.	1.4	49

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55	Parton distribution functions at LO, NLO and NNLO with correlated uncertainties between orders. European Physical Journal C, 2014, 74, 1.	1.4	10
56	Alignment of the CMS tracker with LHC and cosmic ray data. Journal of Instrumentation, 2014, 9, P06009-P06009.	0.5	32
57	Deep inelastic cross-section measurements at large y with the ZEUS detector at HERA. Physical Review D, 2014, 90, .	1.6	30
58	Measurement of D^{\pm} photoproduction at three different centre-of-mass energies at HERA. Journal of High Energy Physics, 2014, 2014, 1.	1.6	1
59	Measurement of neutral current e^{\pm} cross sections at high Bjorken x with the ZEUS detector. Physical Review D, 2014, 89, .	1.6	6
60	Further studies of the photoproduction of isolated photons with a jet at HERA. Journal of High Energy Physics, 2014, 2014, 1.	1.6	3
61	Photoproduction of isolated photons, inclusively and with a jet, at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 730, 293-301.	1.5	10
62	Exclusive diffraction at HERA. Nuclear Physics, Section B, Proceedings Supplements, 2012, 222-224, 131-139.	0.5	1
63	Measurement of the charm fragmentation function in D^* photoproduction at HERA. Journal of High Energy Physics, 2009, 2009, 082-082.	1.6	13
64	Multi-leptons with high transverse momentum at HERA. Journal of High Energy Physics, 2009, 2009, 013-013.	1.6	5
65	Measurement of f_1/f_2^* helicity distributions in inelastic photoproduction at HERA. Journal of High Energy Physics, 2009, 2009, 007-007.	1.6	10
66	Search for events with an isolated lepton and missing transverse momentum and a measurement of W production at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 672, 106-115.	1.5	10
67	Production of excited charm and charm-strange mesons at HERA. European Physical Journal C, 2009, 60, 25-45.	1.4	28
68	Measurement of charged current deep inelastic scattering cross sections with a longitudinally polarised electron beam at HERA. European Physical Journal C, 2009, 61, 223-235.	1.4	28
69	Measurement of high- Q^2 neutral current deep inelastic e^+p scattering cross sections with a longitudinally polarised electron beam at HERA. European Physical Journal C, 2009, 62, 625-658.	1.4	30
70	Measurement of D^{\pm} and D^0 production in deep inelastic scattering using a lifetime tag at HERA. European Physical Journal C, 2009, 63, 171-188.	1.4	47
71	Subjet distributions in deep inelastic scattering at HERA. European Physical Journal C, 2009, 63, 527-548.	1.4	7
72	Leading proton production in deep inelastic scattering at HERA. Journal of High Energy Physics, 2009, 2009, 074-074.	1.6	12

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73	Measurement of beauty production from dimuon events at HERA. Journal of High Energy Physics, 2009, 032-032.	1.6	7
74	Measurement of beauty photoproduction using decays into muons in dijet events at HERA. Journal of High Energy Physics, 2009, 2009, 133-133.	1.6	6
75	Scaled momentum distributions of charged particles in dijet photoproduction at HERA. Journal of High Energy Physics, 2009, 2009, 077-077.	1.6	5
76	Diffraction photoproduction of dijets in ep collisions at HERA. European Physical Journal C, 2008, 55, 177-191.	1.4	41
77	Three- and four-jet final states in photoproduction at HERA. Nuclear Physics B, 2008, 792, 1-47.	0.9	20
78	Deep inelastic inclusive and diffractive scattering at $Q^2 > 2 \text{ GeV}^2$ with the ZEUS forward plug calorimeter. Nuclear Physics B, 2008, 800, 1-76.	0.9	27
79	Multijet cross sections in charged current e^{\pm} scattering at HERA. Physical Review D, 2008, 78, .	1.6	6
80	Beauty photoproduction using decays into electrons at HERA. Physical Review D, 2008, 78, .	1.6	12
81	Inclusive K_S^0 production in e^+p collisions at HERA. Physical Review Letters, 2008, 101, 112003.	2.9	9
82	Energy dependence of the charged multiplicity in deep inelastic scattering at HERA. Journal of High Energy Physics, 2008, 2008, 061-061.	1.6	4
83	Exclusive γ electroproduction. , 2008, , .		0
84	High-ET dijet photoproduction at HERA. Physical Review D, 2007, 76, .	1.6	14
85	Measurement of D mesons production in deep inelastic scattering at HERA. Journal of High Energy Physics, 2007, 2007, 074-074.	1.6	12
86	Event shapes in deep inelastic scattering at HERA. Nuclear Physics B, 2007, 767, 1-28.	0.9	26
87	Inclusive-jet and dijet cross sections in deep inelastic scattering at HERA. Nuclear Physics B, 2007, 765, 1-30.	0.9	65
88	Leading neutron energy and distributions in deep inelastic scattering and photoproduction at HERA. Nuclear Physics B, 2007, 776, 1-37.	0.9	36
89	Multijet production at low x in deep inelastic scattering at HERA. Nuclear Physics B, 2007, 786, 152-180.	0.9	17
90	Measurement of (anti)deuteron and (anti)proton production in DIS at HERA. Nuclear Physics B, 2007, 786, 181-205.	0.9	18

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91	Jet-radius dependence of inclusive-jet cross sections in deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 649, 12-24.	1.5	31
92	Measurement of meson production in scattering at low. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 649, 111-121.	1.5	7
93	Bose-Einstein correlations of charged and neutral kaons in deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 652, 1-12.	1.5	10
94	Exclusive $\bar{\Lambda}$ production in deep inelastic scattering at HERA. PMC Physics A, 2007, 1, .	9.1	98
95	Measurement of prompt photons with associated jets in photoproduction at HERA. European Physical Journal C, 2007, 49, 511-522.	1.4	24
96	Measurement of neutral current cross sections at high Bjorken-x with the ZEUS detector at HERA. European Physical Journal C, 2007, 49, 523-544.	1.4	4
97	Search for stop production in R-parity-violating supersymmetry at HERA. European Physical Journal C, 2007, 50, 269.	1.4	18
98	Photoproduction of events with rapidity gaps between jets at HERA. European Physical Journal C, 2007, 50, 283-297.	1.4	10
99	Measurement of open beauty production at HERA in the $D^* \bar{1}/4$ final state. European Physical Journal C, 2007, 50, 299-314.	1.4	19
100	Measurement of K^0_S , $\bar{\Lambda}$ and $\bar{\Lambda}_b$ production at HERA. European Physical Journal C, 2007, 51, 1-23.	1.4	17
101	Measurement of azimuthal asymmetries in neutral current deep inelastic scattering at HERA. European Physical Journal C, 2007, 51, 289-299.	1.4	13
102	Diffraction photoproduction of $D^* \Lambda_{\pm}(2010)$ at HERA. European Physical Journal C, 2007, 51, 301-315.	1.4	18
103	Forward-jet production in deep inelastic ep scattering at HERA. European Physical Journal C, 2007, 52, 515-530.	1.4	12
104	Forward jet production in deep inelastic ep scattering and low-x parton dynamics at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 632, 13-26.	1.5	21
105	<pre> xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tbl="http://www.elsevier.com/xml/common/struct-bib/dtd" </pre>	1.5	17
106	Study of the pion trajectory in the photoproduction of leading neutrons at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 610, 199-211.	1.5	15
107	Search for pentaquarks decaying to $\bar{\Lambda}^0 \pi$ in deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 610, 212-224.	1.5	22
108	An NLO QCD analysis of inclusive cross-section and jet-production data from the ZEUS experiment. European Physical Journal C, 2005, 42, 1-16.	1.4	103

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109	Measurement of inelastic J/ψ production in deep inelastic scattering at HERA. European Physical Journal C, 2005, 44, 13-25.	1.4	15
110	Multijet production in neutral current deep inelastic scattering at HERA and determination of α_s . European Physical Journal C, 2005, 44, 183-193.	1.4	13
111	Measurement of charm fragmentation ratios and fractions in photoproduction at HERA. European Physical Journal C, 2005, 44, 351-366.	1.4	32
112	Search for lepton-flavor violation at HERA. European Physical Journal C, 2005, 44, 463-479.	1.4	15
113	Study of deep inelastic inclusive and diffractive scattering with the ZEUS forward plug calorimeter. Nuclear Physics B, 2005, 713, 3-80.	0.9	77
114	Exclusive electroproduction of η mesons at HERA. Nuclear Physics B, 2005, 718, 3-31.	0.9	83
115	Inclusive jet cross sections and dijet correlations in photoproduction at HERA. Nuclear Physics B, 2005, 729, 492-525.	0.9	26
116	Measurement of $D^* \Lambda^\pm$ production in deep inelastic e^\pm scattering at DESY HERA. Physical Review D, 2004, 69, .	1.6	94
117	High- Q^2 neutral current cross sections in e^+p deep inelastic scattering at $s=318 \text{ GeV}$. Physical Review D, 2004, 70, .	1.6	50
118	Search for QCD-instanton induced events in deep inelastic ep scattering at HERA. European Physical Journal C, 2004, 34, 255-265.	1.4	15
119	The dependence of dijet production on photon virtuality in ep collisions at HERA. European Physical Journal C, 2004, 35, 487-500.	1.4	8
120	Search for a narrow charmed baryonic state decaying to $D^{\ast \pm} p^{\mp}$ in ep collisions at HERA. European Physical Journal C, 2004, 38, 29-41.	1.4	34
121	Dissociation of virtual photons in events with a leading proton at HERA. European Physical Journal C, 2004, 38, 43-67.	1.4	71
122	Deeply virtual Compton scattering and lightcone wave function. European Physical Journal C, 2004, 33, s506-s508.	1.4	1
123	Observation of $K_s^0 K_s^0$ resonances in deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 578, 33-44.	1.5	8
124	Isolated tau leptons in events with large missing transverse momentum at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 583, 41-58.	1.5	11
125	Bose-Einstein correlations in one and two dimensions in deep inelastic scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 583, 231-246.	1.5	10
126	Photoproduction of $D_s^{\ast \pm} \Lambda^\pm$ mesons associated with a leading neutron. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 590, 143-160.	1.5	15

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127	Search for contact interactions, large extra dimensions and finite quark radius in ep collisions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 591, 23-41.	1.5	30
128	Evidence for a narrow baryonic state decaying to $K_S^0 p$ and $K_S^0 \bar{p}$, in deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 591, 7-22.	1.5	162
129	Observation of isolated high-ET photons in deep inelastic scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 595, 86-100.	1.5	22
130	Measurement of beauty production in deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 599, 173-189.	1.5	38
131	Exclusive electroproduction of J/ψ mesons at HERA. Nuclear Physics B, 2004, 695, 3-37.	0.9	164
132	Substructure dependence of jet cross sections at HERA and determination of α_s . Nuclear Physics B, 2004, 700, 3-50.	0.9	13
133	Measurement of proton-dissociative diffractive photoproduction of vector mesons at large momentum transfer at HERA. European Physical Journal C, 2003, 26, 389-409.	1.4	60
134	Measurements of inelastic J/ψ and ψ' photoproduction at HERA. European Physical Journal C, 2003, 27, 173-188.	1.4	40
135	Measurement of event shapes in deep inelastic scattering at HERA. European Physical Journal C, 2003, 27, 531-545.	1.4	20
136	Measurement of high- Q^2 e-p neutral current cross sections at HERA and the extraction of α_s . European Physical Journal C, 2003, 28, 175-201.	1.4	40
137	Jet production in charged current deep inelastic e + p scattering at HERA. European Physical Journal C, 2003, 31, 149-164.	1.4	14
138	Measurement of high- Q^2 2 charged current cross sections in e + p deep inelastic scattering at HERA. European Physical Journal C, 2003, 32, 1-16.	1.4	50
139	Measurement of deeply virtual Compton scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 573, 46-62.	1.5	143
140	Study of the azimuthal asymmetry of jets in neutral current deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 551, 226-240.	1.5	12
141	Observation of the strange sea in the proton via inclusive \bar{t} -meson production in neutral current deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 553, 141-158.	1.5	7
142	Measurement of subjet multiplicities in neutral current deep inelastic scattering at HERA and determination of α_s . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 558, 41-58.	1.5	31
143	Search for single-top production in ep collisions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 559, 153-170.	1.5	79
144	Scaling violations and determination of α_s from jet production in $\bar{t}p$ interactions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 560, 7-23.	1.5	25

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145	Dijet angular distributions in photoproduction of charm at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 565, 87-101.	1.5	21
146	Measurement of the open-charm contribution to the diffractive proton structure function. Nuclear Physics B, 2003, 672, 3-35.	0.9	43
147	Leading proton production in e+p collisions at HERA. Nuclear Physics B, 2003, 658, 3-46.	0.9	33
148	Search for resonance decays to lepton+jet at DESY HERA and limits on leptoquarks. Physical Review D, 2003, 68, .	1.6	37
149	ZEUS next-to-leading-order QCD analysis of data on deep inelastic scattering. Physical Review D, 2003, 67, .	1.6	139
150	Search for lepton-flavor violation in e+p collisions at DESY HERA. Physical Review D, 2002, 65, .	1.6	6
151	Properties of hadronic final states in diffractive deep inelastic scattering at DESY HERA. Physical Review D, 2002, 65, .	1.6	7
152	Measurement of the photon-proton total cross section at a center-of-mass energy of 209 GeV at HERA. Nuclear Physics B, 2002, 627, 3-28.	0.9	51
153	Leading neutron production in e+p collisions at HERA. Nuclear Physics B, 2002, 637, 3-56.	0.9	80
154	Exclusive photoproduction of J/ψ mesons at HERA. European Physical Journal C, 2002, 24, 345-360.	1.4	270
155	Measurement of the Q and energy dependence of diffractive interactions at HERA. European Physical Journal C, 2002, 25, 169-187.	1.4	17
156	Dijet production in neutral current deep inelastic scattering at HERA. European Physical Journal C, 2002, 23, 13-27.	1.4	32
157	Dijet photoproduction at HERA and the structure of the photon. European Physical Journal C, 2002, 23, 615-631.	1.4	55
158	High-mass dijet cross sections in photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 531, 9-27.	1.5	23
159	Measurement of diffractive production of D_s^{\pm} mesons in deep-inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 545, 244-260.	1.5	10
160	Inclusive jet cross sections in the Breit frame in neutral current deep inelastic scattering at HERA and determination of $\hat{\Gamma}_s$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 547, 164-180.	1.5	83
161	Searches for excited fermions in ep collisions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 549, 32-47.	1.5	29
162	Measurement of the neutral current cross section and \mathbf{F}_2 structure function for deep inelastic \mathbf{e}^+p scattering at HERA. European Physical Journal C, 2001, 21, 443-471.	1.4	326