

Igor Rachek

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Measurements of the T20 Analyzing Power Tensor Component of the $\hat{I}^3 d \hat{a}^+ p n \hat{I}^0$ Reaction. Russian Physics Journal, 2022, 64, 1792-1796.	0.4	2
2	Measurement of the tensor analyzing power T20 for the reaction $\hat{I}^3 d \hat{a}^+ p n \hat{I}^0$. Modern Physics Letters A, 2021, 36, 2150199.	1.2	2
3	Measurements of the tensor analyzing power T20 of the reaction $\hat{I}^3 d \hat{a}^+ d \hat{I}^0$. International Journal of Modern Physics E, 2020, 29, 2050011.	1.0	3
4	Measurement of the tensor analyzing power T_{20} for the reaction $\gamma d \rightarrow p n$. European Physical Journal A, 2020, 56, 1.	2.5	7
5	Simulation of Motion of H2 and D2 Molecules in Sextupole Magnets. Technical Physics, 2019, 64, 1248-1259.	0.7	0
6	Nuclear-Polarized Hydrogen/Deuterium Molecular Source. Physics of Particles and Nuclei, 2019, 50, 513-519.	0.7	3
7	An Experimental Setup for Production of Polarized H2 and D2 Molecules. Instruments and Experimental Techniques, 2019, 62, 56-61.	0.5	1
8	Measurement of Tensor Analyzing Power Components of the $\hat{I}^3 d \hat{a}^+ p n \hat{I}^0$ Reaction. Russian Physics Journal, 2019, 62, 252-257.	0.4	5
9	Measurement of the tensor analyzing power for the reaction $\hat{I}^3 d \hat{a}^+ p n \hat{I}^0$. International Journal of Modern Physics E, 2019, 28, 1950010.	1.0	14
10	Measurement of the Components of the Tensor Analyzing Power in the Reaction $\hat{I}^3 D \hat{a}^+ p n \hat{I}^0$ at Low Proton Energies. Russian Physics Journal, 2018, 61, 1316-1323.	0.4	0
11	Measurement of the tensor analyzing power for the $\hat{I}^3 d \hat{a}^+ p n \hat{I}^0$ reaction in the low energy range of protons. International Journal of Modern Physics E, 2018, 27, 1850082.	1.0	0
12	Measurement of a double spin asymmetry in the photoproduction of π^- mesons on deuterons. European Physical Journal A, 2018, 54, 1.	2.5	1
13	Measurement of the Asymmetry of Photoproduction of π^- Mesons on Linearly Polarized Deuterons by Linearly Polarized Photons. Russian Physics Journal, 2018, 61, 115-122.	0.4	1
14	Measurement of Tensor Analyzing Power T_{20} in Coherent $\vec{\pi}^0$ Photoproduction on Deuteron. Few-Body Systems, 2017, 58, 1.	1.5	13
15	Tensor observables in electro- and photoreactions on the deuteron. Physics of Particles and Nuclei, 2017, 48, 102-110.	0.7	11
16	Spectrum of Virtual Photons in the Electroproduction of Negatively Charged Pions on Deuterons. Russian Physics Journal, 2017, 60, 1182-1188.	0.4	0
17	Production of polarized molecules of hydrogen isotopes. JETP Letters, 2017, 105, 289-291.	1.4	3
18	Experimental Study of the Components of the Tensor Analyzing Power of the Reaction $\hat{I}^3 d \hat{a}^+ p n \hat{I}^0$. Russian Physics Journal, 2016, 59, 868-874.	0.4	8

#	ARTICLE	IF	CITATIONS
19	Measurement of the Two-Photon Exchange Contribution to the Elastic e^+p Scattering Cross Sections at the VEPP-3 Storage Ring. <i>Physical Review Letters</i> , 2015, 114, 062005.	7.8	87
20	Proton form factors and two-photon exchange in elastic electron-proton scattering. <i>Physics of Atomic Nuclei</i> , 2015, 78, 394-403.	0.4	6
21	Measurement of the components of the tensor analyzing power in the reaction $\hat{p}^3d \hat{p}^+ pp\hat{\pi}^0 \hat{p}^+$ at high proton momenta. <i>Physics of Atomic Nuclei</i> , 2015, 78, 1-9.	0.4	15
22	Measuring tensor analyzing power component T_{20} of the coherent photoproduction of a neutral pion on a tensor-polarized deuteron in the VEPP-3 storage ring. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2015, 79, 864-868.	0.6	11
23	Tagging system for almost-real photons at VEPP-3 storage ring. <i>Physics of Particles and Nuclei</i> , 2014, 45, 338-340.	0.7	6
24	Neutral pion photoproduction on tensor-polarized deuterium on the VEPP-3 storage ring. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2014, 78, 611-615.	0.6	11
25	Tensor analyzing power component T_{21} of a $\hat{\pi}^0$ -meson in the photoproduction on a deuteron. <i>Journal of Physics: Conference Series</i> , 2011, 295, 012115.	0.4	11
26	Experiments with internal targets at the VEPP-3 electron storage ring. <i>Physics of Atomic Nuclei</i> , 2010, 73, 1322-1338.	0.4	33
27	Tensor asymmetry of $\hat{\pi}^0$ -meson photoproduction on polarized deuterons. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2010, 74, 743-746.	0.6	3
28	Measurement of the tensor analyzing power components in the coherent photoproduction of a $\hat{\pi}^0$ meson on a deuteron. <i>JETP Letters</i> , 2009, 89, 432-436.	1.4	22
29	Measurement of Tensor Analyzing Powers in Deuteron Photodisintegration. <i>Physical Review Letters</i> , 2007, 98, 182303.	7.8	40
30	Results and status of inelastic ed -scattering experiments at the internal polarized deuterium targets of VEPP-3. <i>AIP Conference Proceedings</i> , 2001, , .	0.4	0
31	Investigation of the reaction $D(e, pp)\hat{\pi}^0$ on a tensorpolarized deuterium target at high proton momenta. <i>JETP Letters</i> , 1998, 67, 770-776.	1.4	8
32	Cryogenic atomic beam source at VEPP-3. , 1998, , .		1