

Високоцитирани статии (Highly Cited Papers) на Българската академия на науките

Highly Cited Papers са статии, публикувани през последните 10 години, които получават достатъчно цитирания за определен период в базата данни WoS, за да бъдат включени в **горния 1 % от цитирани статии в съответната научна област**. В таблицата са показани високоцитираните статии на Българската академия на науките към август 2017, които са около половината от високоцитираните статии на България.

№	Автори	Заглавие	Списание, том, стр.	Год.	Институт ^a
1.	B. Grzywacz, K. Heller, E. Warchalowska-Sliwa, T.V. Karamysheva, D.P. Chobanov	Evolution and Systematics of Green Bush-crickets (Orthoptera: Tettigoniidae: Tettigonia) in the Western Palaearctic: Testing Concordance between Molecular, Acoustic, and Morphological Data	Organisms Diversity & Evolution, vol. 17, p. 213.	2017	ИБЕИ
2.	M. Lopes-Lima ... T. Trichkova and 47 more.	Conservation Status of Freshwater Mussels in Europe: State of the Art and Future Challenges	Biol. Rev., vol. 92, p. 572.	2017	ИБЕИ
3.	I. Knutsen, I. Foss, E. Todorova, P. Roukova , A. Kennedy, M.C. Portillo, E. Regaira, M. Serrano-Gil, C. Lionis, A. Angelaki, A. Rogers	Negotiating Diet in Networks: A Cross-European Study of the Experiences of Managing Type 2 Diabetes	Qualitative Health Research, vol. 27, p. 299.	2017	НИГГТ
4.	M. Aaboud M. Shiyakova and 2 853 more	Search for New Resonances Decaying to a W or Z Boson and a Higgs Boson in the e^+e^-bb , $evbb$ and $\nu\nu bb$ Channels with pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS Detector	Physics Letters B, vol. 765, p. 32.	2017	ИЯИЯЕ
5.	V. Khachatryan ... A. Aleksandrov, R. Hadjiiska, P. Iaydjiev, M. Rodozov, S. Stoykova, G. Sultanov, M. Vutova and 2251 more	Evidence for collectivity in pp collisions at the LHC	Physics Letters B, vol. 765, p. 193.	2017	ИЯИЯЕ
6.	S.P. Simeonov , J.P.M. Nunes, K. Guerra, V.B. Kurteva , C.A.M. Afonso	Synthesis of Chiral Cyclopentenones	Chemical Reviews, vol. 116, p. 5744.	2016	ИОХЦФ
7.	C. Patrignani ... S.T. Petcov and 225 more.	Review of Particle Physics Particle Data Group	Chinese Physics C, vol. 40, art. 100001.	2016	ИЯИЯЕ
8.	M. Aaboud ... M. Shiyakova and 2859 more.	Search for Resonances in Diphoton Events at $\sqrt{s} = 3$ TeV with the ATLAS Detector	Journal of High Energy Physics, art. 001.	2016	ИЯИЯЕ
9.	M. Aaboud ... M. Shiyakova and 2851 more	Search for New Phenomena in Final States with an Energetic Jet and Large Missing Transverse Momentum in pp Collisions at $\sqrt{s} = 13$ TeV Using the ATLAS Detector	Physical Review D, vol. 94, art. 032005.	2016	ИЯИЯЕ
10.	V. Khachatryan ... A. Aleksandrov, R. Hadjiiska, P. Iaydjiev, M. Rodozov, S. Stoykova, G. Sultanov, M. Vutova and 2255 more.	Search for Resonant Production of High-Mass Photon Pairs in Proton-Proton Collisions at $\sqrt{s} = 8$ and 13 TeV	Physical Review Letters, vol. 117, art. 051802.	2016	ИЯИЯЕ

11.	V. Khachatryan ... A. Aleksandrov, R. Hadjiiska, P. Iaydjiev, M. Rodozov, S. Stoykova, G. Sultanov, M. Vutova and 2270 more.	Search for Supersymmetry in the Multijet and Missing Transverse Momentum Final State in pp Collisions at 13 TeV	Physics Letters B, vol. 758, p. 152.	2016	ИЯИЯЕ
12.	P.W. Crous ... D.E. Gouliamova, M.M. Stoilova-Disheva and 84 more	Fungal Planet Description Sheets: 400-468	Persoonia, vol. 36, p. 316.	2016	ИМБ
13.	V. Khachatryan ... A. Aleksandrov, V. Genchev, P. Iaydjiev, A. Marinov, S. Piperov, M. Rodozov, G. Sultanov, M. Vutova and 2131 more.	Search for New Phenomena in Monophoton Final States in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV	Physics Letters B, vol. 755, p. 102.	2016	ИЯИЯЕ
14.	G. Aad ... M. Shiyakova and 2839 more	Search for New Phenomena in Dijet Mass and Angular Distributions from pp Collisions at $\sqrt{s} = 13$ TeV with the ATLAS Detector	Physics Letters B, vol. 754, p. 302.	2016	ИЯИЯЕ
15.	V. Khachatryan ... A. Aleksandrov, R. Hadjiiska, P. Iaydjiev, M. Rodozov, S. Stoykova, G. Sultanov, M. Vutova and 2263 more.	Search for Narrow Resonances Decaying to Dijets in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV	Physical Review Letters, vol. 116, art. 071801.	2016	ИЯИЯЕ
16.	M.L. Ahnen ... M. Makariev, G. Maneva, P. Temnikov, V. Verguilov and 151 more.	Limits to Dark Matter Annihilation Cross-Section from a Combined Analysis of MAGIC and Fermi-LAT Observations of Dwarf Satellite Galaxies	Journal of Cosmology and Astroparticle Physics, art. 039.	2016	ИЯИЯЕ
17.	Y. Rechkemmer, F.D. Breitgoff, M. van der Meer, M. Atanasov , M. Hakl, M. Orlita, P. Neugebauer, F. Neese, B. Sarkar, J. van Slageren	A Four-Coordinate Cobalt(II) Single-Ion Magnet with Coercivity and a Very High Energy Barrier	Nature Communications, vol. 7, art. 10467.	2016	ИОНХ
18.	V. Khachatryan ... A. Aleksandrov, R. Hadjiiska, P. Iaydjiev, M. Rodozov, S. Stoykova, G. Sultanov, M. Vutova and 2302 more	Search for Vectorlike Charge 2/3 T Quarks in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV	Physical Review D, vol. 93, art. 012003	2016	ИЯИЯЕ
19.	V. Khachatryan ... A. Aleksandrov, V. Genchev, R. Hadjiiska, P. Iaydjiev, A. Marinov, S. Piperov, M. Rodozov, S. Stoykova, G. Sultanov, M. Vutova and 2300 more.	A Search for Pair Production of New Light Bosons Decaying into Muons	Physics Letters B, vol. 752, p. 146.	2016	ИЯИЯЕ
20.	V. Khachatryan ... A. Aleksandrov, V. Genchev, R. Hadjiiska, P. Iaydjiev, A. Marinov, S. Piperov, M. Rodozov, S. Stoykova, G. Sultanov, M. Vutova and 2297 more.	Search for Resonant $t(\bar{t})$ Production in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV	Physical Review D, vol. 93, art. 012001.	2016	ИЯИЯЕ
21.	A. Brauning, M. De Ridder, N. Zafirov, I. Garcia-Gonzalez, D.P. Dimitrov , H. Gartner	Tree-Ring Features: Indicators of Extreme Event Impacts	IAWA Journal, vol. 37, p. 206.	2016	ИГ
22.	M. Chytry ... I. Apostolova, H. Pedashenko, D. Sopotlieva, K. Vassilev and 91 more.	European Vegetation Archive (EVA): An Integrated Database of European Vegetation Plots	Applied Vegetation Science, vol. 19, p. 173.	2016	ИБЕИ
23.	J. Aleksic ... M. Makariev, G. Maneva, P. Temnikov and 161 more.	The Major Upgrade of the MAGIC Telescopes, Part II: A Performance Study Using Observations of the Crab Nebula	Astroparticle Physics, vol. 72, p. 76.	2016	ИЯИЯЕ

24.	M.P. Marinov, P. Zehindjiev, D. Dimitrov, M. Ilieva, A. Bobeva, C. Marchetti	Haemosporidian Infections and Host Behavioural Variation: A Case Study on Wild-Caught Nightingales (<i>Luscinia Megarhynchos</i>)	Ethology Ecology & Evolution, vol. 29, p. 126.	2015	ИБЕИ
25.	H. Abramowicz ... I. Tsakov and 292 more.	Combination of Measurements of Inclusive Deep Inelastic e ⁺ p Scattering Cross Sections and QCD Analysis of HERA Data	European Physical Journal C, vol. 75, art. 580.	2015	ИЯИЯЕ
26.	V. Khachatryan ... A. Aleksandrov, V. Genchev, R. Hadjiiska, P. Iaydjiev, A. Marinov, S. Piperov, M. Rodozov, S. Stoykova, G. Sultanov, M. Vutova and 2296 more.	Search for Diphoton Resonances in the Mass Range from 150 to 850 GeV in pp Collisions at $\sqrt{s} = 8$ TeV	Physics Letters B, vol. 750, p. 494.	2015	ИЯИЯЕ
27.	V. Khachatryan ... A. Aleksandrov, V. Genchev, R. Hadjiiska, P. Iaydjiev, A. Marinov, S. Piperov, M. Rodozov, S. Stoykova, G. Sultanov, M. Vutova and 2286 more.	Search for a Higgs Boson in the Mass Range from 145 to 1000 GeV Decaying to a Pair of W or Z Bosons	Journal of High Energy Physics, art. 144.	2015	ИЯИЯЕ
28.	S.V. Vassilev, C.G. Vassileva, V.S. Vassilev	Advantages and Disadvantages of Composition and Properties of Biomass in Comparison with Coal: An Overview	Fuel, vol. 158, p. 330.	2015	ИМК, ИКИТ
29.	V. Khachatryan ... A. Aleksandrov, V. Genchev, R. Hadjiiska, P. Iaydjiev, A. Marinov, S. Piperov, M. Rodozov, S. Stoykova, G. Sultanov, M. Vutova and 2136 more.	Search for Lepton-Flavour-Violating Decays of the Higgs Boson	Physics Letters B, vol. 749, p. 337.	2015	ИЯИЯЕ
30.	V. Khachatryan ... A. Aleksandrov, V. Genchev, R. Hadjiiska, P. Iaydjiev, A. Marinov, S. Piperov, M. Rodozov, S. Stoykova, G. Sultanov, M. Vutova and 2135 more.	Search for Resonant Pair Production of Higgs Bosons Decaying to Two Bottom Quark-Antiquark Pairs in Proton-Proton Collisions at 8 TeV	Physics Letters B, vol. 749, p. 560.	2015	ИЯИЯЕ
31.	F. Romanelli ... T. Dreischuh, D. Stoyanov and 1103 more.	Overview of the JET Results	Nuclear Fusion, vol. 55, art. 104001.	2015	ИЕ
32.	H. Pretzsch ... T. Zlatanov and 34 more	Growth and Yield of Mixed Versus Pure Stands of Scots Pine (<i>Pinus Sylvestris</i> L.) and European Beech (<i>Fagus Sylvatica</i> L.) Analysed Along a Productivity Gradient Through Europe	European Journal of Forest Research, vol. 134, p. 927.	2015	ИГ
33.	A. Patel ... S. Stoyanov and 18 more.	A Liquid-to-Solid Phase Transition of the ALS Protein FUS Accelerated by Disease Mutation	Cell, vol. 162, p. 1066.	2015	ИМБ
34.	U. Im ... D. Syrakov and 40 more.	Evaluation of Operational On-Line-Coupled Regional Air Quality Models over Europe and North America in the Context of AQMEII Phase 2. Part I: Ozone	Atmospheric Environment, vol. 115, p. 404.	2015	НИМХ
35.	U. Im ... D. Syrakov and 40 more.	Evaluation of Operational On-Line-Coupled Regional Air Quality Models over Europe and North America in the Context of AQMEII Phase 2. Part II: Particulate Matter	Atmospheric Environment, vol. 115, p. 421.	2015	НИМХ

36.	V. Khachatryan ... A. Aleksandrov, V. Genchev, R. Hadjiiska, P. Iaydjiev, A. Marinov, S. Piperov, M. Rodozov, S. Stoykova, G. Sultanov, M. Vutova and 2121 more.	Search for Pair-Produced Resonances Decaying to Jet Pairs in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV	Physics Letters B, vol. 747, p. 98.	2015	ИЯИЯЕ
37.	V. Khachatryan ... A. Aleksandrov, V. Genchev, R. Hadjiiska, P. Iaydjiev, A. Marinov, S. Piperov, M. Rodozov, S. Stoykova, G. Sultanov, M. Vutova and 2817 more.	Observation of the Rare $B_s^0 \rightarrow \mu^+ \mu^-$ Decay from the Combined Analysis of CMS and LHCb Data	Nature, vol. 522, p. 68.	2015	ИЯИЯЕ
38.	P.W. Crous ... D.E. Gouliamova, M.M. Stoilova-Disheva and 72 more.	Fungal Planet Description Sheets: 320-370	Persoonia, vol. 34, p. 167.	2015	ИМБ
39.	V. Khachatryan ... A. Aleksandrov, V. Genchev, P. Iaydjiev, A. Marinov, S. Piperov, M. Rodozov, G. Sultanov, M. Vutova and 2125 more.	Search for Dark Matter, Extra Dimensions, and Unparticles in Monojet Events in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV	European Physical Journal C, vol. 75, art. UNSP 235.	2015	ИЯИЯЕ
40.	V. Khachatryan ... A. Aleksandrov, V. Genchev, R. Hadjiiska, P. Iaydjiev, A. Marinov, S. Piperov, M. Rodozov, S. Stoykova, G. Sultanov, M. Vutova and 2139 more.	Precise Determination of the Mass of The Higgs Boson and Tests of Compatibility of its Couplings with the Standard Model Predictions Using Proton Collisions at 7 and 8 TeV.	European Physical Journal C, vol. 75, art. UNSP 212.	2015	ИЯИЯЕ
41.	G. Aad ... A. Aleksandrov, V. Genchev, R. Hadjiiska, P. Iaydjiev, A. Marinov, S. Piperov, M. Rodozov, S. Stoykova, G. Sultanov, M. Vutova and 5143 more.	Combined Measurement of the Higgs Boson Mass in pp Collisions at $\sqrt{s} = 7$ and 8 TeV with the ATLAS and CMS Experiments	Physical Review Letters, vol. 114, art. 191803.	2015	ИЯИЯЕ
42.	M. Atanasov , D. Aravena, E. Sutura, E. Bill, D. Maganas, F. Neese	First Principles Approach to the Electronic Structure, Magnetic Anisotropy and Spin Relaxation in Mononuclear 3d-Transition Metal Single Molecule Magnets	Coordination Chemistry Reviews, vol. 289, p. 177.	2015	ИОНХ
43.	V. Khachatryan ... A. Aleksandrov, V. Genchev, P. Iaydjiev, A. Marinov, S. Piperov, M. Rodozov, S. Stoykova, G. Sultanov, M. Vutova and 2135 more.	Search for Physics beyond the Standard Model in Dilepton Mass Spectra in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV	Journal of High Energy Physics, art. 025.	2015	ИЯИЯЕ
44.	T. Machado, F. Mainardi, V. Kiryakova	Fractional Calculus: Quo Vadimus? (Where Are We Going?)	Fractional Calculus and Applied Analysis, vol. 18, p. 495.	2015	ИМИ
45.	V. Khachatryan ... A. Aleksandrov, V. Genchev, R. Hadjiiska, P. Iaydjiev, A. Marinov, S. Piperov, M. Rodozov, S. Stoykova, G. Sultanov, M. Vutova and 2131 more.	Search for Resonances and Quantum Black Holes Using Dijet Mass Spectra in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV	Physical Review D, vol. 91, art. 052009	2015	ИЯИЯЕ
46.	M. Asghar, D. Hasselquist, B. Hansson, P. Zehtindjiev , H. Westerdahl, S. Bensch	Hidden Costs of Infection: Chronic Malaria Accelerates Telomere Degradation and Senescence in Wild Birds	Science, vol. 347, p. 436.	2015	ИБЕИ

47.	V. Khachatryan ... A. Aleksandrov, V. Genchev, P. Iaydjiev, A. Marinov, S. Piperov, M. Rodozov, G. Sultanov, M. Vutova and 2123 more.	Search for New Resonances Decaying <i>via</i> WZ to Leptons in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV	Physics Letters B, vol. 740, p. 83.	2015	ИЯИЯЕ
48.	V. Khachatryan ... A. Aleksandrov, V. Genchev, P. Iaydjiev, A. Marinov, S. Piperov, M. Rodozov, G. Sultanov, M. Vutova and 2135 more	Search for Heavy Neutrinos and W Bosons With Right-Handed Couplings in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV	European Physical Journal C, vol. 74, art. 3149.	2014	ИЯИЯЕ
49.	V. Khachatryan ... A. Aleksandrov, V. Genchev, P. Iaydjiev, A. Marinov, S. Piperov, M. Rodozov, S. Stoykova, G. Sultanov, V. Tcholakov, M. Vutova and 2133 more	Search for Neutral MSSM Higgs Bosons Decaying to a Pair of Tau Leptons in pp Collisions	Journal of High Energy Physics, art. 160.	2014	ИЯИЯЕ
50.	V. Khachatryan ... A. Aleksandrov, V. Genchev, P. Iaydjiev, A. Marinov, S. Piperov, M. Rodozov, G. Sultanov, M. Vutova and 2130 more	Observation of the Diphoton Decay of the Higgs Boson and Measurement of its Properties	European Physical Journal C, vol. 74, art. 3076.	2014	ИЯИЯЕ
51.	V. Khachatryan ... A. Aleksandrov, V. Genchev, P. Iaydjiev, A. Marinov, S. Piperov, M. Rodozov, G. Sultanov, M. Vutova and 2129 more	Constraints on the Higgs Boson width from off-shell Production and Decay to Z-boson Pairs	Physics Letters B, vol. 736, p. 64.	2014	ИЯИЯЕ
52.	K.A. Olive S.T. Petcov and 205 more	Review of Particle Physics, Particle Data Group	Chinese Physics C., vol. 38, art. UNSP 090001.	2014	ИЯИЯЕ
53.	D. Valerio, J.T. Machado, V. Kiryakova	Some Pioneers of the Applications of Fractional Calculus	Fractional Calculus and Applied Analysis, vol. 17, p. 552.	2014	ИМИ
54.	S. Chatrchyan ... V. Genchev, P. Iaydjiev, A. Marinov, S. Piperov, M. Rodozov, G. Sultanov, M. Vutova and 2199 more	Measurement of the Properties of a Higgs Boson in the Four-Lepton Final State	Physical Review D, vol. 89, art. 092007.	2014	ИЯИЯЕ
55.	S. Chatrchyan ... V. Genchev, P. Iaydjiev, S. Piperov, M. Rodozov, G. Sultanov, M. Vutova and 2215 more	Modification of Jet Shapes in PbPb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV	Physics Letters B, vol. 730, 243-263	2014	ИЯИЯЕ
56.	S. Chatrchyan ... V. Genchev, P. Iaydjiev, A. Marinov, S. Piperov, M. Rodozov, G. Sultanov, M. Vutova and 2193 more	Inclusive Search for a Vector-like T Quark with Charge 2/3 in pp Collisions at $\sqrt{s} = 8$ TeV	Physics Letters B, vol. 729, p. 149.	2014	ИЯИЯЕ
57.	S. Chatrchyan ... V. Genchev, P. Iaydjiev, S. Piperov, M. Rodozov, G. Sultanov, M. Vutova and 2211 more	Search for the Standard Model Higgs Boson Produced in Association with a W or a Z Boson and Decaying to bottom Quarks	Physical Review D, vol. 89, art. 012003	2014	ИЯИЯЕ
58.	S. Schael ... N. Shivarov, B. Stoyanov, G. Sultanov and 1645 more	Electroweak Measurements in Electron Positron Collisions at W-boson-pair Energies at LEP	Physics Reports-Review Section of Physics Letters, vol. 532, p. 119.	2013	ИР, ИЯИЯЕ

59.	S. Chatrchyan ... V. Genchev, P. Iaydjiev, S. Piperov, M. Rodozov, G. Sultanov, M. Vutova, A. Radi and 2207 more	Search for a Higgs Boson Decaying into a Z and a Photon in pp Collisions at $\sqrt{s} = 7$ and 8 TeV	Physics Letters B, vol. 726, p. 587.	2013	ИЯИЯЕ
60.	F. Romanelli ... T. Dreischuh, D. Stoyanov and 1182 more	Overview of the JET Results with the ITER-like Wall	Nuclear Fusion, vol. 53, art. 104002.	2013	ИЕ
61.	S.V. Vassilev , D. Baxter, C.G. Vassileva	An Overview of the Behaviour of Biomass during Combustion: Part I. Phase-mineral Transformations of Organic and Inorganic Matter	Fuel, vol. 112, p. 391.	2013	ИМК
62.	S. Chatrchyan ... V. Genchev, P. Iaydjiev, S. Piperov, M. Rodozov, G. Sultanov, M. Vutova and 2210 more	Measurement of the $B_s^0 \rightarrow \mu^+ \mu^-$ Branching Fraction and Search for $B^0 \rightarrow \mu^+ \mu^-$ with the CMS Experiment	Physical Review Letters, vol. 111, art. 101804.	2013	ИЯИЯЕ
63.	A. Bogaard ... L. Ninov and 17 more.	Crop Manuring and Intensive Land Management by Europe's First Farmers	Proceedings of the National Academy of Sciences of the United States of America, vol. 110, p. 12589.	2013	НАИМ
64.	S. Chatrchyan V. Genchev, P. Iaydjiev, S. Piperov, M. Rodozov, G. Sultanov, M. Vutova and 2193 more	Multiplicity and Transverse Momentum Dependence of Two- and Four-particle Correlations in pPb and PbPb Collisions	Physics Letters B, vol. 724, p. 213.	2013	ИЯИЯЕ
65.	L. Zadrozny, D. Xiao, M. Atanasov , G. Long, F. Grandjean, F. Neese, J.R. Long	Magnetic Blocking in a Linear Iron(I) Complex	Nature Chemistry, vol. 5, p. 577.	2013	ИОНХ
66.	N.D. Crossman ... S. Nedkov, K. Boyanova and 11 more	A Blueprint for Mapping and Modelling Ecosystem Services	Ecosystem Services, vol. 4, p. 4.	2013	НИГГТ
67.	S. Chatrchyan ... V. Genchev, P. Iaydjiev, S. Piperov, M. Rodozov, S. Stoykova, G. Sultanov, V. Tcholakov, R. Trayanov, M. Vutova and 2208 more	Search for Heavy Narrow Dilepton Resonances in pp Collisions at $\sqrt{s} = 7$ TeV and $\sqrt{s} = 8$ TeV	Physics Letters B, vol. 720, p. 63.	2013	ИЯИЯЕ
68.	R.M. Ros ... A. Ganeva and 31 more	Mosses of the Mediterranean, an Annotated Checklist	Cryptogamie Bryologie, vol. 34, p. 99.	2013	ИБЕИ
69.	B.S. Acharya, D. Dimitrov, G. Maneva, H. Vankov and 972 more	Introducing the CTA Concept	Astroparticle Physics, vol. 43, p. 3	2013	ИЯИЯЕ, ИАНАО
70.	S.V. Vassilev , D. Baxter, L.K. Andersen, C.G. Vassileva	An Overview of the Composition and Application of Biomass Ash. Part 2. Potential Utilisation, Technological and Ecological Advantages and Challenges	Fuel, vol. 105, p. 19.	2013	ИМК
71.	S.V. Vassilev , D. Baxter, L.K. Andersen, C.G. Vassileva	An Overview of the Composition and Application of Biomass ash. Part 1. Phase-mineral and Chemical Composition and Classification	Fuel, vol. 105, p. 40.	2013	ИМК

72.	S. Chatrchyan V. Genchev, P. Iaydjiev, S. Piperov, M. Rodozov, S. Stoykova, G. Sultanov, V. Tcholakov, R. Trayanov, M. Vutova and 2201 more	Study of the Mass and Spin-Parity of the Higgs Boson Candidate via Its Decays to Z Boson Pairs	Physical Review Letters, vol. 110, art. 081803.	2013	ИЯИЯЕ
73.	S. Chatrchyan, V. Genchev, P. Iaydjiev, S. Piperov, M. Rodozov, S. Stoykova, G. Sultanov, V. Tcholakov, R. Trayanov, M. Vutova and 2183 more	Observation of Long-range, Near-Side Angular Correlations in pPb Collisions at the LHC	Physics Letters B, vol. 718, p. 795.	2013	ИЯИЯЕ
74.	P. Balaz, M. Achimovicova, M. Balaz, P. Billik, Z. Cherkezova-Zheleva , J.M. Criado, F. Delogu, E. Dutkova, E. Gaffet, F. Gotor, R. Kumar, I. Mitov , T. Rojac, M. Senna, A. Streletskii, K. Wieczorek-Ciurowa	Hallmarks of Mechanochemistry: From Nanoparticles to Technology	Chemical Society Reviews, vol. 42, p. 7571.	2013	ИК
75.	T.A. Than, L.P. Popova	Functions and Toxicity of Cadmium in Plants: Recent Advances and Future Prospects	Turkish Journal of Botany, vol. 37, p. 1.	2013	ИФРГ
76.	J. Zadrozny, M. Atanasov , A.M. Bryan, C.Y. Lin, B.D. Rekken, P. Power, F. Neese, J.R. Long	Slow Magnetization Dynamics in a Series of Two-coordinate Iron(II) Complexes	Chemical Science, vol. 4, p. 125.	2013	ИОНХ
77.	S. Chatrchyan ... V. Genchev, P. Iaydjiev, S. Piperov, M. Rodozov, S. Stoykova, G. Sultanov, V. Tcholakov, R. Trayanov, M. Vutova and 2181 more	Search for New Physics in the Multijet and Missing Transverse Momentum Final State in Proton-Proton Collisions at $\sqrt{s} = 7$ TeV	Physical Review Letters, vol. 109, art. 171803.	2012	ИЯИЯЕ
78.	S. Chatrchyan V. Genchev, P. Iaydjiev, S. Piperov, M. Rodozov, S. Stoykova, G. Sultanov, V. Tcholakov, R. Trayanov, M. Vutova and 2186 more	Study of the Inclusive Production of Charged Pions, Kaons, and Protons in pp collisions at $\sqrt{s} = 0.9, 2.76,$ and 7 TeV	European Physical Journal C, vol. 72, art. 2164.	2012	ИЯИЯЕ
79.	B. Burkhard, F. Kroll, S. Nedkov , F. Muller	Mapping Ecosystem Service Supply, Demand and Budgets	Ecological Indicators, vol. 21, p. 17.	2012	НИГГГ
80.	S. Chatrchyan L. Dimitrov, V. Genchev, P. Iaydjiev, S. Piperov, M. Rodozov, S. Stoykova, G. Sultanov, V. Tcholakov, R. Trayanov, I. Vankov, M. Vutova, C. Roumenin, D. Uzunova, R. Zahariev and 2874 more	Observation of a New Boson at a Mass of 125 GeV with the CMS Experiment at the LHC	Physics Letters B, vol. 716, p. 30.	2012	ИЯИЯЕ, ИР
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82.	S. Chatrchyan ... V. Genchev, P. Iaydjiev, S. Piperov, M. Rodozov, S. Stoykova, G. Sultanov, V. Tcholakov, R. Trayanov, M. Vutova and 2198 more	Search for Dark Matter and Large Extra Dimensions in pp Collisions Yielding a Photon and Missing Transverse Energy	Physical Review Letters, vol. 108, art. 261803.	2012	ИЯИЯЕ

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89.	S. Akkoyun ... D.L. Balabanski, P. Detistov, P. Petkov, E. Stefanova and 349 more	AGATA-Advanced GAMMA Tracking Array	Nuclear Instruments & Methods in Physics Research Section A- Accelerators Spectrometers Detectors and Associated Equipment, vol. 668, p. 26.	2012	ИЯИЯЕ
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91.	V.K.C. Venema ... T. Marinova and 29 more	Benchmarking Homogenization Algorithms for Monthly Data	Climate of the Past, vol. 8, p. 89.	2012	НИМХ
92.	M. Actis G. Maneva, J. Bonev, D. Dimitrov and 668 more	Design Concepts for the Cherenkov Telescope Array CTA: an Advanced Facility for Ground-based High-energy γ -Ray Astronomy	Experimental Astronomy, vol. 32, p. 193.	2011	ИЯИЯЕ, ИАНАО
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96.	O. Masson I. Penev and 80 more	Tracking of Airborne Radionuclides from the Damaged Fukushima Dai-Ichi Nuclear Reactors by European Networks	Environmental Science & Technology, vol. 45, p. 7670.	2011	ИЯИЯЕ
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106.	B. Podobnik, I. Grosse, D. Horvatic, S. Ilic, P.C. Ivanov , H.E. Stanley	Quantifying Cross-correlations Using Local and Global Detrending Approaches	European Physical Journal B, vol. 71, p. 243.	2009	ИФТТ

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108.	M. Raidal S.T. Petcov and 88 more	Flavor Physics of Leptons and Dipole Moments	European Physical Journal C, vol. 57, p. 13.	2008	ИЯИЯЕ
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^a ИАНАО - Институт по астрономия с Национална астрономическа обсерватория, Institute of Astronomy and National Astronomical Observatory (IA)

ИБЕИ - Институт по биоразнообразие и екосистемни изследвания, Institute of Biodiversity and Ecosystem Research (IBER)
обединява Институт по зоология, Институт по ботаника и Централна лаборатория по обща екология
(Institute of Zoology, Institute of Botany and Central Laboratory of General Ecology)

ИГ - Институт за гората, Forest Research Institute (FRI)

ИЕ - Институт по електроника, Institute of Electronics (IE)

ИИКТ - Институт по информационни и комуникационни технологии, Institute of Information and Communication Technologies (ИИКТ)
обединява Институт по паралелна обработка на информацията, Институт по информационни технологии и Институт по компютърни и комуникационни системи
(Institute for Parallel Processing, Institute of Information Technologies and Institute of Computer and Communication Systems)

ИИОЗ - Институтът за изследвания на обществата и знанието, Institute for the Study of Societies and Knowledge (ISSK)
обединява Института за философски изследвания, Института по социология и Центъра по наукознание и история на науката
(Institute for Philosophical Research, Institute of Sociology and Centre for Science Studies and History of Science)

ИК - Институт по катализ, Institute of Catalysis (IC)

ИКИТ - Институт за космически изследвания и технологии, Space Research and Technology Institute (SRTI)

ИМБ - Институт по микробиология „Стефан Ангелов”, Stephan Angeloff Institute of Microbiology (IMb)

ИМБ - Институт по молекулярна биология "Акад. Румен Цанев", Institute of Molecular Biology (IMB)
ИМИ - Институт по математика и информатика, Institute of Mathematics and Informatics (IMI)
ИМК - Институт по минералогия и кристалография „Акад. Ив. Костав”, Institute of Mineralogy and Crystallography “Acad. Ivan Kostov” (IMC)
ИОНХ - Институт по обща и неорганична химия, Institute of General and Inorganic Chemistry (IGIC)
ИОХЦФ - Институт по органична химия с Център по фитохимия, Institute of Organic Chemistry with Centre of Phytochemistry (IOCCP)
ИР - Институт по роботика, Institute of Robotics (IR)
ИФРГ - Институт по физиология на растенията и генетика, Institute of Plant Physiology and Genetics (IPFG)
обединява Институт по физиология на растенията и Институт по генетика
(Institute of Plant Physiology and Institute of Genetics)
ИФТТ - Институт по физика на твърдото тяло, Institute of Solid State Physics (ISSP)
ИЯИЯЕ - Институт за ядрени изследвания и ядрена енергетика, Institute for Nuclear Research and Nuclear Energy (INRNE)
НАИМ - Национален археологически институт с музей, National Institute of Archaeology with Museum (NIAM)
НИГГГ - Национален институт по геофизика, геодезия и география, National Institute of Geophysics, Geodesy and Geography (NIGGG)
НИМХ - Национален институт по метеорология и хидрология, National Institute of Meteorology and Hydrology (NIMH)