

## H-индекс на Българска академия на науките - 190

H-индексът е въведен за оценка на научните постижения на отделни учени, но напоследък все по-често се използва за оценяване както на актуалността на различни области от науката, така и за научни институции. Съгласно Web of Knowledge H-индексът на Българската академия на науките към 28.02.2019 г. е 190. За сравнение, H-индексът на България е около 243. Макар и да не отчита редица фактори, като например различна средна цитируемост в отделните науки, H-индексът дава обща представа за влиянието на дадена институция.

По-долу е представен списък на публикациите на учени от БАН, които са цитирани поне 190 пъти всяка. Имената на авторите от БАН са показани с удебелен шрифт. Включени са само статии, в които е даден адресът на съответното структурно звено на БАН. 47 от статиите са публикувани в резултат на широко международно сътрудничество и са с повече от 30 съавтора, като в тези случаи не са изписани имената на всички съавтори.

№	Автори	Заглавие	Списание, том, стр.	Година	Институт <sup>a</sup>	Цитирания
1	Beringer, J; ..... <b>Petcov, ST</b> and 188 more	Review of Particle Physics, Particle Data Group	Physical Review D, vol. 86, art. No 010001	2012	ИЯИЯЕ	5329
2	Olive, KA; .... <b>Petcov, ST</b> and 205 more	Review of Particle Physics, Particle Data Group	Chinese Physics C., vol. 38, Art. UNSP 090001	2014	ИЯИЯЕ	5300
3	<b>Atanassov, KT</b>	Intuitionistic Fuzzy Sets	Fuzzy Sets and Systems, vol. 20, p. 86	1987	ИББИ	5071
4	Chatrchyan, S; ..... <b>Dimitrov, L; Genchev, V; Iaydjiev, P; Piperov, S; Rodozov, M; Stoykova, S; Sultanov, G; Tcholakov, V; Trayanov, R; Vankov, I; Vutova, M; Roumenin, C; Uzunova, D; Zahariev, R</b> 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	5051
5	Nakamura, K; ..... <b>Petcov, ST</b> and 175 more	Review of Particle Physics	Journal of Physics G-Nuclear and Particle Physics, vol. 37, art No 075021	2010	ИЯИЯЕ	4387
6	Patrignani, C .... <b>Petcov, ST</b> and 220 more	Review of Particle Physics Particle Data Group	Chinese Physics C, vol. 40, art. UNSP 100001	2016	ИЯИЯЕ	2930
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11	Ackermann, W; .... <b>Tsakov, I</b> and 152 more	Operation of a Free-electron Laser from the Extreme Ultraviolet to the Water Window	Nature Photonics, vol. 1, p. 336	2007	ИЯИЯЕ	1015
12	Schael, S .... <b>Shivarov N.; Stoyanov B.; Sultanov G.</b> and 2508 more	Precision Electroweak Measurements on the Z Resonance	Physics Reports - Review Section of Physics Letters, vol. 427, p. 257	2006	ИР	870
13	<b>Hadjiivanov, KI</b>	Identification of Neutral and Charged NxOy Surface Species by IR Spectroscopy	Catalysis Reviews - Science and Engineering, vol. 42, p. 71	2000	ИОНХ	866
14	Baker, CA; Doyle, DD; Geltenbort, P;Green, K; Van Der Grinten, MGD; Harris, PG; Iaydjiev, P; <b>Ivanov, SN;</b> May, DJR; Pendlebury, JM; Richardson, JD; Shiers, D; Smith, KF	Improved Experimental Limit on the Electric Dipole Moment of the Neutron	Physical Review Letters, vol. 97, art. 131801	2006	ИЯИЯЕ	818
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ИЕ - Институт по електроника

ИЕЕС - Институт по електрохимия и енергийни системи "Акад. Евгени Будевски"

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обединява Институт по паралелна обработка на информацията, Институт по информационни технологии и Институт по компютърни и комуникационни системи

ИИКАВ - Институт за изследване на климата, атмосферата и водите

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ИП - Институт по полимери

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