

С П Р А В К А

за изпълнението на минималните национални изисквания по чл. 26 от ЗРАСРБ
за научна област 4.1. Физически науки (Астрономия и астрофизика),
професионално направление 4.1. Физически науки,
от Владимир Веселинов Божилов - кандидат
за заемане на академична длъжност доцент

Номер и съдържание на показател	Общ брой точки	Номер на приложение с данни за постижения и брой точки по показатели*
Група от показатели А		
Показател 1: Дисертационен труд за присъждане на образователна и научна степен "доктор"	50	Документ 3 – диплома за научна степен „доктор“
Група от показатели Б		
Показател 2: Дисертационен труд за присъждане на научна степен "доктор на науките"		
Група от показатели В		
Показател 3: Хабилизационен труд – монография, или		
Показател 4: Хабилизационен труд – научни публикации в издания, които са реферирани и индексирани в световноизвестни бази данни с научна информация (Web of Science и Scopus)	100	Приложение 1 към този документ, публикации № 6, 7, 8, 9
общо група от показатели В	100	
Група от показатели Г		
Показател 5: Публикувана монография, която не е представена като основен хабилизационен труд		
Показател 6: Публикувана книга на базата на защитен дисертационен труд за присъждане на образователна и научна степен "доктор" или за присъждане на научна степен "доктор на науките"		
Показател 7: Научна публикация в издания, които са реферирани и индексирани в световноизвестни бази данни с научна информация (Web of Science и Scopus), извън хабилизационния труд	300	Приложение 1 към този документ, публикации № 10-22
Показател 8: Публикувана глава от книга или колективна монография		
Показател 9: Изобретение, патент или полезен модел, за което е издаден защитен документ по надлежния ред		
Показател 10: Публикувана заявка за патент или полезен модел		
общо група от показатели Г	300	

Група от показатели Д		
Показател 11. Цитирания в научни издания, монографии, колективни томове и патенти, реферирани и индексирани в световноизвестни бази данни с научна информация (Web of Science и Scopus)	412	Общо 206 цитата – вж. Приложение 2 към този документ, както и Документ 13. Справка за цитиранията
общо група от показатели Д	412	
Група от показатели Е		
Показател 12. Придобрита научна степен "доктор на науките"		
Показател 13. Ръководство на успешно защитил докторант (п е броят съръководители на съответния докторант)		
Показател 14. Участие в национален научен или образователен проект	110	Участие в 11 проекта – към ФНИ на СУ, ФНИ на МОН и НПКНИ на РБ, вж. Документ 11 – Справка „Авторите“, Документ 15.1.3 и Документ 15.3
Показател 15. Участие в международен научен или образователен проект		
Показател 16. Ръководство в национален научен или образователен проект	160	Общо ръководство на 8 проекта: Ръководител на проект „Space Education for Bulgaria“ (ESA Contract No. 4000133835/21/NL/Cbi със СУ „Св. Климент Охридски“) и още 7 проекта към ФНИ на СУ и по ННП „Млади учени и постдокторанти“ - вж. Документ 11 – Справка „Авторите“, Документ 15.1.3 и Документ 15.3
Показател 17. Ръководство на българския екип в международен научен или образователен проект		
Показател 18. Привлечени средства по проекти, ръководени от кандидата	19	Бюджетът на проект „Space Education for Bulgaria“ (ESA Contract No. 4000133835/21/NL/Cbi със СУ „Св. Климент Охридски“) е 97430 лв.
Показател 19. Публикуван университетски учебник или учебник, който се използва в училищната мрежа		
Показател 20. Публикувано университетско учебно пособие или учебно пособие, което се използва в училищната мрежа		
общо група от показатели Е	289	

*Данните за научна публикация задължително включват пълно библиографско описание на публикацията (включително пълен списък на авторите) плюс името на база от данни, реферираща и индексираща съответното издание (за научните публикации в издания, реферирани и индексирани в световноизвестни бази от данни с научна информация)

Допълнителни изисквания на ФзФ		
Показател 21: Успешно защитили докторанти		
Показател 22: Успешно защитил дипломант	13	Вж. Документ 11 – Справка от системата „Авторите“ на СУ и Документ 15.1.3
Показател 23: Брой публикации от група I през последните 3 години	7	Публикации 16-22 в Приложение 1 към този документ
Показател 24: Брой публикации от група I в групи от показатели В и Г	18	Публикации 1, 4, 6-14 и 16-22 в Приложение 1 към този документ
Показател 25. Брой публикации от група I или група II в групи от показатели В и Г	20	Публикации 1,2, 4, 5, 6-14 и 16-22 в Приложение 1 към този документ
Показател 26. Общ брой публикации	22 представени за конкурса, общо 48 за цялата научна кариера	Вж. Приложение 1 към този документ, както и Документ 10.А. и Документ 10.Б.
Показател 27: Брой публикации в групи от показатели В и Г със съществен принос на кандидата	22 от представените за конкурса публикации	Вж. Приложение 1 към този документ, както и Документ 10.А. и Документ 10.Б.

Показател 28: h-фактор	8	Scopus (Author ID 36169143400), вж. Допълнително приложение към този документ – справка Scopus
Показател 29: Златна публикация		
Показател 30: Брой участия в конференция с доклад или постер	17	Вж. Документ 10.А. (3 постера и 14 научни доклада)
Показател 31: Учебно-преподавателски опит, часове	За учебните 2017/2018, 2018/2019 и 2019/2020 г.: общо 1771 часа извънаудиторна и 1038 часа аудиторна заетост	Вж. Документ 15.1.1 – Справка за учебна заетост за последните три приключили учебни години, документ 15.1.2. Индивидуални отчети от 2015 до 2021 г., и документ 1 – Автобиография.

Приложения:

Приложение 1. Справка за съответствие на публикациите с допълнителните изисквания към кандидатите за придобиване на научните степени и заемане на академичните длъжности във Физическия факултет на СУ „Св. Климент Охридски“

Приложение 2. Справка за съответствие на цитатите с допълнителните изисквания към кандидатите за придобиване на научните степени и заемане на академичните длъжности във Физическия факултет на СУ „Св. Климент Охридски“

Допълнителни приложения: Справка Scopus; Уверения за съществен принос в публикациите

Дата: 17.08.2021 г.

Подпис:.....

/д-р Владимир Божилов/

Приложение 1. Справка за съответствие на публикациите с допълнителните изисквания към кандидатите за придобиване на научните степени и заемане на академичните длъжности във Физическия факултет на СУ „Св. Климент Охридски“

Степен/ Длъжност	№	Публикация	Съществен принос	Точки	Група
Доктор	1	Bozhilov V. , Ovcharov E., Nikolov G., Optical photopolarimetry of blazar OJ287, Monthly Notices of the Royal Astronomical Society, 2014, Volume 439, Issue 1, Pages 639-643, https://doi.org/10.1093/mnras/stt2487 , Q1, Scopus	Да	25	I
	2	Bozhilov V. , Borisov G., Ovcharov E.P., Preliminary results on optical polarimetry of OJ287 blazar-type AGN, Bulgarian Astronomical Journal, 2013, vol. 19, p. 29, https://ui.adsabs.harvard.edu/abs/2013BlgAJ..19...29B/abstract , Q4, SAO/NASA Astrophysics Data System (ADS)	Да	12	II
	3	V. Bozhilov , G. Borisov, E. Ovcharov, G. Nikolov, New Results on Optical Photopolarimetry of Blazar OJ287, "Scientific works of Plovdiv University", University Publishing "Paisius of Hilendar", 2013, pp.:63-66, ISSN (print):0861-0029 (публикуван доклад в пълен текст от участие в конференция), Ref.	Да		доклад в пълен текст от участие в научна конференция
Използват се публикации № 1 и 2					
Главен асистент	4	Bozhilov V. , Forgan D.H., The entropy principle, and the influence of sociological pressures on SETI, 2010, International Journal of Astrobiology, 9(3), pp. 175-181, doi:10.1017/S1473550410000133, Q2, Scopus	Да	20	I
	5	Ovcharov E.P., Kurtenkov A., Metodieva Y., Dimitrov A., Enikova P., Bozhilov V. , Stanev I., Nikolov P., Nikolov Y., Markishki P., Gantchev G., Trifonov T., Stanchev O., Nedialkov P., Plana student astronomical observatory: First results and perspectives. 2014, Bulgarian Astronomical Journal, Vol. 21, p. 19, https://ui.adsabs.harvard.edu/abs/2014BlgAJ..21...19O/abstract , Q4, Scopus	Да	12	II
	6	Larionov V.M., Villata M., Raiteri C.M., Jorstad S.G., Marscher A.P., Agudo I., Smith P.S., Acosta-Pulido J.A., Arévalo M.J., Arkharov A.A., Bachev R., Blinov D.A., Borisov G., Borman G.A., Bozhilov V. , Bueno A., Carnerero M.I., Carosati D., Casadio C., Chen W.P., Clemens D.P., Di Paola A., Ehgamberdiev S.A., Gómez J.L., González-Morales P.A., Griñón-Marín A., Grishina T.S., Hagen-Thorn V.A., Ibryamov S., Itoh R., Joshi M., Kopatskaya E.N., Koptelova E., Lázaro C., Larionova E.G., Larionova L.V., Manilla-Robles A., Metodieva Y., Milanova Y.V., Mirzaqulov D.O., Molina S.N., Morozova D.A., Nazarov S.V., Ovcharov E., Peneva S., Ros J.A., Sadun A.C., Savchenko S.S., Semkov E., Sergeev S.G., Strigachev A., Troitskaya Y.V., Troitsky I.S., Exceptional outburst of the blazar CTA 102 in 2012: The GASP-WEBT campaign and its extension, 2016, Monthly Notices of the Royal Astronomical Society, Volume 461, Issue 3, 21 September 2016, Pages 3047-3056, https://doi.org/10.1093/mnras/stw1516 , Q1, Scopus	Да	25	I
	7	Raiteri C.M., Villata M., Acosta-Pulido J.A., Agudo I., Arkharov A.A., Bachev R., Baida G.V., Benítez E., Borman G.A., Boschini W., Bozhilov V. , Butuzova M.S., Calcideese P., Carnerero M.I., Carosati D., Casadio C., Castro-Segura N., Chen W.-P., Damjanovic G., D'Ammando F., Di Paola A., Echevarria J., Efimova N.V., Ehgamberdiev Sh.A., Espinosa C., Fuentes A., Giunta A., Gómez J.L., Grishina T.S., Gurwell M.A., Hiriart D., Jermak H., Jordan B., Jorstad S.G., Joshi M., Kopatskaya E.N., Kuratov K., Kurtanidze O.M., Kurtanidze S.O., Lähteenmäki A., Larionov V.M., Larionova E.G., Larionova L.V., Lázaro C., Lin C.S., Malmrose M.P., Marscher A.P., Matsumoto K., McBreen B., Michel R., Mihov B., Minev M., Mirzaqulov D.O., Mokrushina A.A., Molina S.N., Moody J.W., Morozova D.A., Nazarov S.V., Nikolashvili M.G., Ohlert J.M., Okhmat D.N., Ovcharov E., Pinna F., Polakis T.A., Protasio C., Pursimo T., Redondo-Lorenzo F.J., Rizzi N., Rodríguez-Coira G., Sadakane K., Sadun A.C., Samal M.R., Savchenko S.S., Semkov E., Skiff B.A., Slavcheva-Mihova L., Smith P.S., Steele I.A., Strigachev A., Tammi J., Thum C., Tornikoski M., Troitskaya Yu.V., Troitsky I.S., Vasilyev A.A., Vince O., Blazar spectral variability as explained by a twisted inhomogeneous jet, 2017, Nature, Volume 552, Issue 7685, 21 December 2017, Pages 374-377, https://doi.org/10.1038/nature24623 , Q1, Scopus	Да	25	I
	8	Carnerero M.I., Raiteri C.M., Villata M., Acosta-Pulido J.A., Larionov V.M., Smith P.S., D'Ammando F., Agudo I., Arévalo M.J., Bachev R., Barnes J., Boeva S., Bozhilov V. , Carosati D., Casadio C., Chen W.P., Damjanovic G., Eswarajah E., Forné E., Gantchev G., Gómez J.L., González-Morales P.A., Griñón-Marín A.B., Grishina T.S., Holden M., Ibryamov S., Joner M.D., Jordan B., Jorstad S.G., Joshi M., Kopatskaya E.N., Koptelova E., Kurtanidze O.M., Kurtanidze S.O., Larionova E.G., Larionova L.V., Latev G., Lázaro C., Ligustri R., Lin H.C., Marscher A.P., Martínez-Lombilla C., McBreen B., Mihov B., Molina S.N., Moody J.W., Morozova D.A., Nikolashvili M.G., Nilsson K., Ovcharov E., Pace C., Panwar N., Pastor Yabar A., Pearson R.L., Pinna F., Protasio C., Rizzi N., Redondo-Lorenzo F.J., Rodríguez-Coira G., Ros J.A., Sadun A.C., Savchenko S.S., Semkov E., Slavcheva-Mihova L., Smith N., Strigachev A., Troitskaya Y.V., Troitsky I.S., Vasilyev A.A., Vince O., Dissecting the long-term emission behaviour of the BL Lac object Mrk 421, 2017, Monthly Notices of the Royal Astronomical Society, Volume 472, Issue 4, Pages 3789-3804, https://doi.org/10.1093/mnras/stx2185 , Q1, Scopus	Да	25	I

9	D'Ammando F., Raiteri C.M., Villata M., Acosta-Pulido J.A., Agudo I., Arkharov A.A., Bachev R., Baida G.V., Benítez E., Borman G.A., Boschin W., Bozhilov V. , Butuzova M.S., Calcidese P., Carnerero M.I., Carosati D., Casadio C., Castro-Segura N., Chen W.-P., Damjanovic G., Di Paola A., Echevarria J., Efimova N.V., Ehgamberdiev Sh.A., Espinosa C., Fuentes A., Giunta A., Gómez J.L., Grishina T.S., Gurwell M.A., Hiriart D., Jermak H., Jordan B., Jorstad S.G., Joshi M., Kimeridze G.N., Kopatskaya E.N., Kuratov K., Kurtanidze O.M., Kurtanidze S.O., Lähteenmäki A., Larionov V.M., Larionova E.G., Larionova L.V., Lázaro C., Lin C.S., Malmrose M.P., Marscher A.P., Matsumoto K., McBreen B., Michel R., Mihov B., Minev M., Mirzaqulov D.O., Molina S.N., Moody J.W., Morozova D.A., Nazarov S.V., Nikiforova A.A., Nikolashvili M.G., Ohlert J.M., Okhmat N., Ovcharov E., Pinna F., Polakis T.A., Protasio C., Pursimo T., Redondo-Lorenzo F.J., Rizzi N., Rodriguez-Coira G., Sadakane K., Sadun A.C., Samal M.R., Savchenko S.S., Semkov E., Sigua L., Skiff B.A., Slavcheva-Mihova L., Smith P.S., Steele I.A., Strigachev A., Tammi J., Thum C., Tornikoski M., Troitskaya Yu.V., Troitsky I.S., Vasilyev A.A., Vince O., Hovatta T., Kiehlmann S., Max-Moerbeck W., Readhead A.C.S., Reeves R., Pearson T.J., Mufakharov T., Sotnikova Yu.V., Mingaliev M.G., WEBT Collaboration, OVRO Team, Investigating the multiwavelength behaviour of the flat spectrum radio quasar CTA 102 during 2013-2017, 2019, Monthly Notices of the Royal Astronomical Society, Volume 490, Issue 4, Pages 5300–5316, https://doi.org/10.1093/mnras/stz2792 , Q1, Scopus	Да	25	I
10	Raiteri C.M., Villata M., D'Ammando F., Larionov V.M., Gurwell M.A., Mirzaqulov D.O., Smith P.S., Acosta-Pulido J.A., Agudo I., Arévalo M.J., Bachev R., Benítez E., Berdyugin A., Blinov D.A., Borman G.A., Böttcher M., Bozhilov V., Carnerero M.I., Carosati D., Casadio C., Chen W.P., Doroshenko V.T., Efimov Y.S., Efimova N.V., Ehgamberdiev S.A., Gómez J.L., González-Morales P.A., Hiriart D., Ibrayamov S., Jadhav Y., Jorstad S.G., Joshi M., Kadenius V., Klimanov S.A., Kohli M., Konstantinova T.S., Kopatskaya E.N., Koptelova E., Kimeridze G., Kurtanidze O.M., Larionova E.G., Larionova L.V., Ligustri R., Lindfors E., Marscher A.P., McBreen B., McHardy I.M., Metodieva Y., Molina S.N., Morozova D.A., Nazarov S.V., Nikolashvili M.G., Nilsson K., Okhmat D.N., Ovcharov E., Panwar N., Pasanen M., Peneva S., Phipps J., Pulatova N.G., Reinthal R., Ros J.A., Sadun A.C., Schwartz R.D., Semkov E., Sergeev S.G., Sigua L.A., Sillanpää A., Smith N., Stoyanov K., Strigachev A., Takalo L.O., Taylor B., Thum C., Troitsky I.S., Valcheva A., Wehrle A.E., Wiesemeyer H., The awakening of BL Lacertae: Observations by fermi, swift and the GASP-WEBT, 2013, Monthly Notices of the Royal Astronomical Society, Volume 436, Issue 2, 01 December 2013, Pages 1530–1545, https://doi.org/10.1093/mnras/stt1672 , Q1, Scopus	Да	25	I
11	Aleksić J., Ansoldi S., Antonelli L.A., Antoranz P., Babic A., Bangale P., Barres De Almeida U., Barrio J.A., Becerra González J., Bednarek W., Bernardini E., Biland A., Blanch O., Bonnefoy S., Bonnoli G., Borracci F., Bretz T., Carmona E., Carosi A., Carreto Fidalgo D., Colin P., Colombo E., Contreras J.L., Cortina J., Covino S., Da Vela P., Dazzi F., De Angelis A., De Caneva G., De Lotto B., Delgado Mendez C., Doert M., Domínguez A., Dominis Prester D., Dorner D., Doro M., Einecke S., Eisenacher D., Elsaesser D., Farina E., Ferenc D., Fonseca M.V., Font L., Frantzen K., Fruck C., García López R.J., Garczarczyk M., Garrido Terrats D., Gaug M., Godinović N., González Muñoz A., Gozzini S.R., Hadasch D., Hayashida M., Herrera J., Herrero A., Hildebrand D., Hose J., Hrupec D., Idec W., Kadenius V., Kellermann H., Kodani K., Konno Y., Krause J., Kubo H., Kushida J., La Barbera A., Lelas D., Lewandowska N., Lindfors E., Lombardi S., López M., López-Coto R., López-Oramas A., Lorenz E., Lozano I., Makariev M., Mallot K., Maneva G., Mankuzhiyil N., Mannheim K., Maraschi L., Marcote B., Mariotti M., Martínez M., Mazin D., Menzel U., Meucci M., Miranda J.M., Mirzoyan R., Moralejo A., Munar-Adrover P., Nakajima D., Niedzwiecki A., Nilsson K., Nishijima K., Noda K., Nowak N., Orito R., Overkemping A., Paiano S., Palatiello M., Paneque D., Paoletti R., Paredes J.M., Paredes-Fortuny X., Partini S., Persic M., Prada F., Prada Moroni P.G., Prandini E., Prezioso S., Puljak I., Reinthal R., Rhode W., Ribó M., Rico J., Rodríguez García J., Rügamer S., Saggion A., Saito T., Saito K., Satalecka K., Scalzotto V., Scapin V., Schultz C., Schweizer T., Shore S.N., Sillanpää A., Sitarek J., Snidaric I., Sobczynska D., Spanier F., Stamatescu V., Stamerra A., Steinbring T., Storz J., Strzys M., Sun S., Surić T., Takalo L., Takami H., Tavecchio F., Tennikov P., Terzić T., Tescaro D., Teshima M., Thaele J., Tibolla O., Torres D.F., Toyama T., Treves A., Uellenbeck M., Vogler P., Wagner R.M., Zandanel F., Zanin R., Lucarelli F., Pittori C., Vercellone S., Verrecchia F., Buson S., D'Ammando F., Stawarz L., Giroletti M., Orienti M., Mundell C., Steele I., Zarpudin B., Raiteri C.M., Villata M., Sandrinelli A., Lähteenmäki A., Tammi J., Tornikoski M., Hovatta T., Readhead A.C.S., Max-Moerbeck W., Richards J.L., Jorstad S., Marscher A., Gurwell M.A., Larionov V.M., Blinov D.A., Konstantinova T.S., Kopatskaya E.N., Larionova L.V., Larionova E.G., Morozova D.A., Troitsky I.S., Mokrushina A.A., Pavlova Y.V., Chen W.P., Lin H.C., Panwar N., Agudo I., Casadio C., Gómez J.L., Molina S.N., Kurtanidze O.M., Nikolashvili M.G., Kurtanidze S.O., Chigladze R.A., Acosta-Pulido J.A., Carnerero M.I., Manilla-Robles A., Ovcharov E., Bozhilov V. , Metodieva I., Aller M.F., Aller H.D., Fuhrman L., Angelakis E., Nestoras I., Krichbaum T.P., Zensus J.A., Ungerechts H., Sievers A., MAGIC gamma-ray and multi-frequency observations of flat spectrum radio quasar PKS 1510-089 in early 2012, 2014, Astronomy and Astrophysics, vol. 569, article A46, https://doi.org/10.1051/0004-6361/201423484 , Q1, Scopus	Да	25	I
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20	<p>V. A. Acciari, S. Ansoldi, L. A. Antonelli, A. Arbet Engels, M. Artero, K. Asano, A. Babić, A. Baquero, U. Barres de Almeida, J. A. Barrio, I. Batković, J. Becerra González, W. Bednarek, L. Bellizzi, E. Bernardini, M. Bernardos, A. Berti, J. Besenrieder, W. Bhattacharyya, C. Bigongiari, O. Blanch, Ž. Bošnjak, G. Busetto, R. Carosi, G. Ceribella, M. Cerruti, Y. Chai, A. Chilingarian, S. Cikota, S. M. Colak, E. Colombo, J. L. Contreras, J. Cortina, S. Covino, G. D'Amico, V. D'Elia, P. Da Vela, F. Dazzi, A. De Angelis, B. De Lotto, M. Delfino, J. Delgado, C. Delgado Mendez, D. Depaoli, F. Di Pierro, L. Di Venere, E. Do Souto Espiñeira, D. Dominis Prester, A. Donini, M. Doro, V. Fallah Ramazani, A. Fattorini, G. Ferrara, M. V. Fonseca, L. Font, C. Fruck, S. Fukami, R. J. García López, M. Garzcarczyk, S. Gasparyan, M. Gaug, N. Giglietto, F. Giordano, P. Gliwny, N. Godinović, J. G. Green, D. Green, D. Hadasch, A. Hahn, L. Heckmann, J. Herrera, J. Hoang, D. Hrupec, M. Hütten, T. Inada, S. Inoue, K. Ishio, Y. Iwamura, I. Jiménez, J. Jormanainen, L. Jouvin, Y. Kajiwara, M. Karjalainen, D. Kerszberg, Y. Kobayashi, H. Kubo, J. Kushida, A. Lamastra, D. Lelas, F. Leone, E. Lindfors, S. Lombardi, F. Longo, R. López-Coto, M. López-Moya, A. López-Oramas, S. Loporchio, B. Machado de Oliveira Fraga, C. Maggio, P. Majumdar, M. Makariev, M. Mallamaci, G. Maneva, M. Manganaro, L. Maraschi, M. Mariotti, M. Martínez, D. Mazin, S. Menchiari, S. Mender, S. Mićanović, D. Miceli, T. Miener, M. Mineev, J. M. Miranda, R. Mirzoyan, E. Molina, A. Moralejo, D. Morcuende, V. Moreno, E. Moretti, V. Neustroev, C. Nigro, K. Nilsson, K. Nishijima, K. Noda, S. Nozaki, Y. Ohtani, T. Oka, J. Otero-Santos, S. Paiano, M. Palatiello, D. Paneque, R. Paoletti, J. M. Paredes, L. Pavletić, P. Peñil, C. Perennes, M. Persic, P. G. Prada Moroni, E. Prandini, C. Priyadarshi, I. Puljak, M. Ribó, J. Rico, C. Righi, A. Rugliancich, L. Saha, N. Sahakyan, T. Saito, S. Sakurai, K. Satalecka, F. G. Saturni, K. Schmidt, T. Schweizer, J. Sitarek, I. Šnidarić, D. Sobczynska, A. Spolon, A. Stamerra, D. Strom, M. Strzys, Y. Suda, T. Surić, M. Takahashi, F. Tavecchio, P. Temnikov, T. Terzić, M. Teshima, L. Tosti, S. Truzzi, A. Tutone, S. Ubach, J. van Scherpenberg, G. Vanzo, M. Vazquez Acosta, S. Ventura, V. Verguilov, C. F. Vigorito, V. Vitale, I. Vovk, M. Will, C. Wunderlich, D. Zarić, FACT Collaboration: D. Baack, M. Balbo, N. Biederbeck, A. Biland, T. Bretz, J. Buss, D. Dorner, L. Eisenberger, D. Elsaesser, D. Hildebrand, R. Iotov, K. Mannheim, D. Neise, M. Noethe, A. Paravac, W. Rhode, B. Schleicher, V. Sliusar, R. Walter, Other groups, collaborations: F. D'Ammando, D. Horan, A.Y. Lien, M. Baloković, G. M. Madejski, M. Perri, F. Verrecchia, C. Leto, A. Lähteenmäki, M. Tornikoski, V. Ramakrishnan, E. Järvelä, R. J. C. Vera, M. Villata, C. M. Raiteri, A. C. Gupta, A. Pandey, A. Fuentes, I. Agudo, C. Casadio, E. Semkov, S. Ibryamov, A. Marchini, R. Bachev, A. Strigachev, E. Ovcharov, V. Bozhilov, A. Valcheva, E. Zaharieva, G. Damjanovic, O. Vince, V. M. Larionov, G. A. Borman, T. S. Grishina, V. A. Hagen-Thorn, E. N. Kopatskaya, E. G. Larionova, L. V. Larionova, D. A. Morozova, A. A. Nikiforova, S. S. Savchenko, I. S. Troitskiy, Y. V. Troitskaya, A. A. Vasilyev, O. A. Merkulova, W. P. Chen, M. Samal, H. C. Lin, J. W. Moody, A. C. Sadun, S. G. Jorstad, A. P. Marscher, Z. R. Weaver, M. Feige, J. Kania, M. Kopp, L. Kunkel, D. Reinhard, A. Scherbantín, L. Schneider, C. Lorey, J. A. Acosta-Pulido, M. I. Carnerero, D. Carosati, S. O. Kurtanidze, O. M. Kurtanidze, M. G. Nikolashvili, R. G. Chanishvili, R. A. Chigladze, R. Z. Ivanidze, G. N. Kimeridze, L. A. Sigua, M. D. Joner, M. Spencer, M. Giroletti, N. Marchili, S. Righini, N. Rizzi, G. Bonnoli, Investigation of the correlation patterns and the Compton dominance variability of Mrk 421 in 2017, 2021, (приета за публикуване в Astronomy and Astrophysics) https://arxiv.org/abs/2106.05516, DOI: https://doi.org/10.1051/0004-6361/202141004, Q1, ArXiv.org, Scopus</p>	Да	25	I

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Приложения: Справка Scopus; Уверения за съществен принос в публикациите

Дата
17.08.2021 г.

Подпис:.....
/д-р Владимир Божилов/



Приложение 2. Справка за съответствие на цитатите с допълнителните изисквания към кандидатите за придобиване на научните степени и заемане на академичните длъжности във Физическия факултет на СУ „Св. Климент Охридски“

Степен/Длъжност	№	Цитати (автори, списание, година, том, брой, начална стр., крайна стр., DOI)
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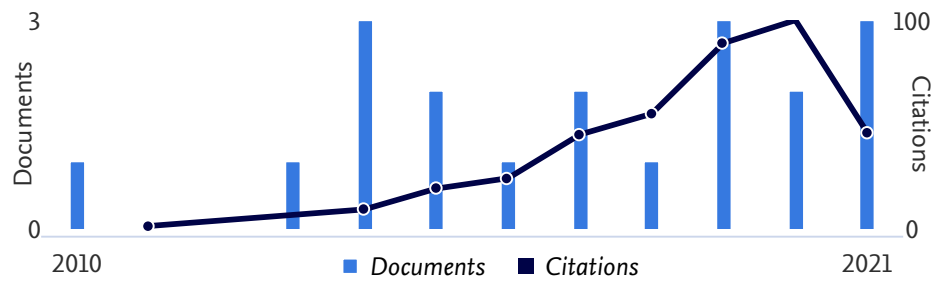
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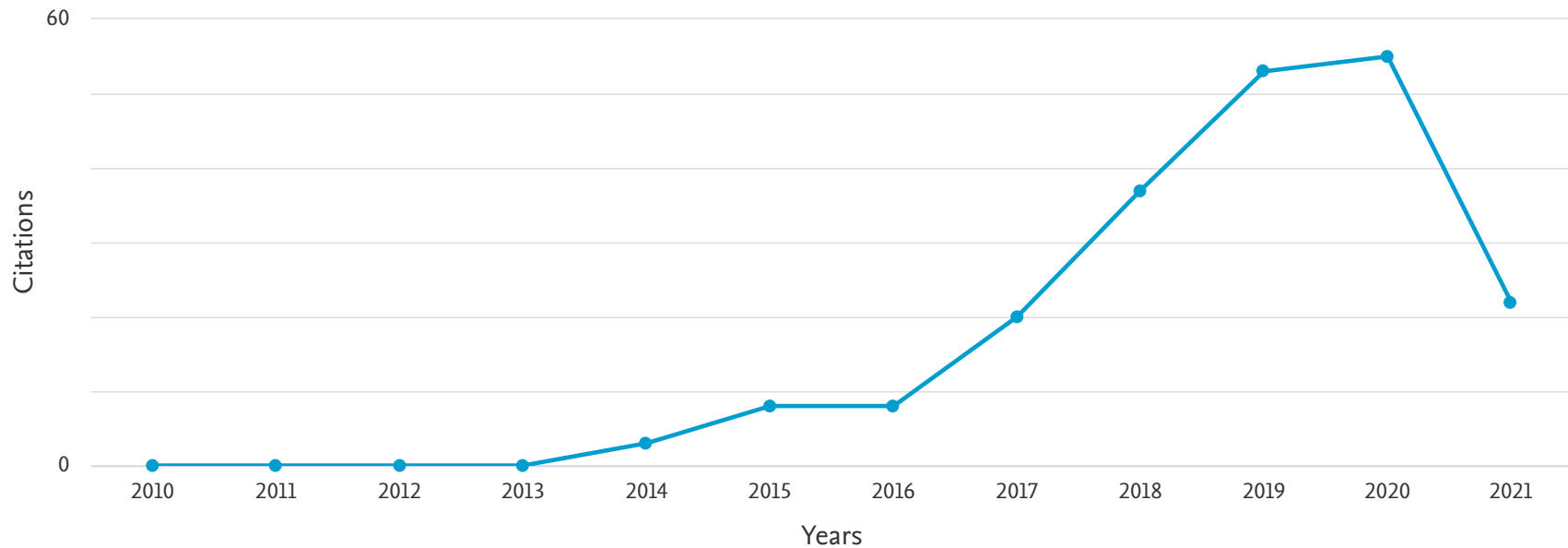
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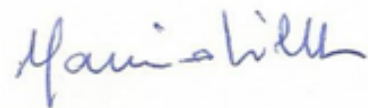
by
Dr. Massimo Villata,
INAF-Osservatorio Astrofisico di Torino, Italy,
President of the WEBT Collaboration

Subject: Confirmation of the contribution of Dr. Vladimir Bozhilov in WEBT papers with him as co-author

As President of the Whole Earth Blazar Telescope (WEBT) Network and Executive Officer for publication, with this letter I confirm that in all GASP-WEBT papers with Dr. Vladimir Bozhilov (Department of Astronomy, Faculty of Physics, University of Sofia “St. Kl. Ohridski”) as co-author, he has performed the following actual work and has contributed to the papers by:

- *Dr. Bozhilov carried out optical observations and related data reduction;*
- *Dr. Bozhilov reviewed and contributed to the final manuscripts.*
- *Dr. Bozhilov also acts as the contact point between the WEBT and the team of the Department of Astronomy at the Faculty of Physics, University of Sofia.*

Best regards:



/Dr. Massimo Villata,
President of the WEBT Collaboration,
Executive Officer for publication/

Date:
13 July 2021



До научното жури по конкурс за доцент за нуждите на ФзФ-СУ
в професионално направление
4.1. Физически науки (Астрономия и астрофизика)
обявен в ДВ, бр. 54 от 29 юни 2021 г.

У В Е Р Е Н И Е

От доц. д-р Евгени Овчаров,
Ръководител на катедра „Астрономия“
към Физическия факултет на Софийския университет

С настоящото уверение, в качеството ми на ръководител на научния колектив от страна на катедра „Астрономия“ към ФзФ на СУ в международното партньорство GASP-WEBT и в инициативата СТА-MAGIC, декларирам, че гл. ас. д-р Владимир Веселинов Божилов има съществен принос в статиите, свързани с GASP-WEBT и СТА-MAGIC и посочени в Приложение 1, в които той е съавтор. Същественният принос на д-р Божилов е:

- обработка с професионален софтуер и анализ на оригинални астрономически данни от НАО-Рожен на активни галактични ядра (квазари и блазари), получени за целите на партньорството GASP-WEBT;
- участие в наблюдения и заснемане на астрономически обекти от интерес за GASP-WEBT, съгласно списъка на следени обекти (<http://www.oato.inaf.it/blazars/webt/gasp/list.html>);
- Участвал е в процеса по оформяне на научните публикации;
- Участва като контактна точка между екипа на катедра „Астрономия“ към ФзФ на СУ и WEBT.

Съгласно ЗРАСРБ въпросните статии следва да се признаят в конкурса за доцент по професионално направление 4.1. Физически науки (Астрономия и астрофизика), за който д-р Божилов е кандидат.

Приложение 1: Списък на научни публикации със съществен принос на гл. ас. д-р Владимир Веселинов Божилов, свързани с работа по партньорството GASP-WEBT и СТА

С уважение:

.....
/доц. д-р Евгени Овчаров/

Дата:
13.07.2021 г.

Приложение 1: Списък на научни публикации със съществен принос на гл. ас. д-р Владимир Веселинов Божилов, свързани с работа по партньорството GASP-WEBT и СТА

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До научното жури по конкурс за доцент за нуждите на ФЗФ-СУ
в професионално направление
4.1. Физически науки (Астрономия и астрофизика)
обявен в ДВ, бр. 54 от 29 юни 2021 г.

У В Е Р Е Н И Е

От доц. д-р Стефан Лалковски,
Ръководител на проект „Нови детектори за гама астрономия – (NdeGRA)“
(финансиран по договор ДН18/17-2017 г. с ФНИ на МОН)

С настоящото уверение, в качеството ми на ръководител на научния колектив от страна на Физическия факултет на СУ „Св. Кл. Охридски“ по проект „Нови детектори за гама астрономия – (NdeGRA)“ (финансиран по договор ДН18/17-2017 г. с ФНИ на МОН), декларирам, че гл. ас. д-р Владимир Веселинов Божилов има съществен принос в статиите, свързани с работата по проекта, в които той е съавтор, а именно:

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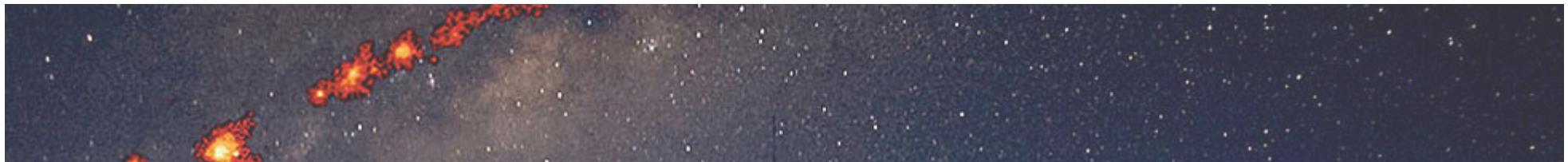
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