XX a: Всички публикации - публикувани

- **Звено: (ИКИТ) Институт за космически изследвания и технологии**
- **Секция**: (ИКИТ) Космическа физика
- **Име**: (ИКИТ/0110) Велинов, Петър Йорданов
- **Тип на публикацията**:
  Научна монография
  Глава от научна монография
  Студия в научно списание
  Статия в научно списание
  Статия в сборник на научен форум
  Студия в тематичен сборник
  Статия в тематичен сборник
  Научно съобщение
- **Година на публикуване**: 2016 ÷ 2021
- **Тип записи**: Всички записи

№	Публикация	Коригиращ Коефициент	Процент автори от звеното
1	**Asenovski, S.**, **Velinov, P. I. Y.**, **Mateev, L.**.. (2016) Validation of Cosmic Ray Ionization Model CORIMIA applied for Solar Energetic Particles and Anomalous Cosmic Rays. AIP (American Institute of Physics) Conference Proceedings, 1714, 040001, 2016, ISSN:1551-7616, DOI:10.1063/1.4942575, 1-7. JCR-IF (Web of Science):0.198 **Q3 (Web of Science)** Линк	1.000	100.00
2	**Mateev L.**, **Tassev Y.**, **Velinov P. I. Y.**.. (2016) Application of the idea of morphism in solar-terrestrial physics and space weather. C. R. Acad. Bulg. Sci., 69, 12, Bulgarian Academy of Sciences, 2016, ISSN:1310–1331, 1533-1542. SJR:0.206, ISI IF:0.251 **Q2 (Web of Science)** Линк	1.000	100.00
3	**Tassev Y.**, **Mateev L.**, **Velinov P. I. Y.**, Tomova D., Belov A., Gaidash S., Abunina M., Abunin A.. (2016) Possible Predictors of Typical Magnetic Storms during Solar Cycle 24. Proceedings SES 2015 National Conference with International Participation, Bulgarian Academy of Sciences, BAS Publishers, 2016, ISSN:1313-3888, pp. 34-43. **Национално академично издателство (ВИНИТИ)**	1.000	33.33
4	**Tonev P.**, **Velinov P. I. Y.**.. (2016) Influence of solar activity on red sprites and on vertical coupling in the system stratosphere–mesosphere. J. Atmos. Solar-Terr. Phys., Vol. 141, Elsevier, 2016, ISSN:1364-6826, DOI:http://dx.doi.org/10.1016/j.jastp.2015.11.018, pp, 27-38. ISI IF:1.492 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	100.00
5	**Tonev P.**, **Velinov P. I. Y.**.. (2016) Vertical coupling between troposphere and lower ionosphere by electric currents and fields at equatorial latitudes. J. Atmos. Solar-Terr. Phys., Vol. 141, Elsevier, 2016, ISSN:1364-6826, DOI:http://dx.doi.org/10.1016/j.jastp.2015.10.012, pp. 39-47. ISI IF:1.492 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	100.00
6	**Velinov P. I. Y.**, Balabin Y., Maurchev E.. (2016) Determination of ionization effects in strato-troposphere during the greatest relativistic solar proton event on 23 February 1956 (GLE 05). Report P1.7. on 12-th Anniversary Scientific Conference with International Participation Space, Ecology, Safety: SES 2016, 2–4 November 2016, Sofia, Bulgaria, 2016, pp. 1-9. **Национално академично издателство** Линк	1.000	33.33

7	**Velinov P. I. Y.**, Mishev A.. (2016) Computation of complex ion production due to cosmic rays during the Halloween sequence of GLEs on October-November 2003. 25th ECRS - 25th European Cosmic Ray Symposium, Turin, September 4-9, 2016, Abstract ID: 39, Proceedings - eConf C16-09-04.3., 2016, pp. 1-10. **Международно академично издателство (ACM Digital Library)** Линк	1.000	50.00
8	**Velinov P. I. Y.**, Mishev A.. (2016) Computation of ion production rate and short, mid and long term ionization effect by cosmic rays during Bastille day event. 25th ECRS - 25th European Cosmic Ray Symposium, Turin, September 4-9, 2016, Abstract ID: 38, Proceedings - eConf C16-09-04.3., 2016, pp. 1-12. **Международно академично издателство (ACM Digital Library)** Линк	1.000	50.00
9	**Velinov P. I. Y.**, Mishev A.. (2016) Computation of short and mid time scale ionization in atmosphere during Ground Level Enhancements of cosmic rays: GLE 59 and GLE 70. Report 1.4. on 12-th Anniversary Scientific Conference with International Participation Space, Ecology, Safety: SES 2016, 2–4 November 2014, Sofia, Bulgaria, 2016, pp. 1-16. **Национално академично издателство** Линк	1.000	50.00
10	**Velinov P. I. Y.**. (2016) Different groups of ground level enhancements (GLEs). Collective and recurrent GLEs due to solar energetic particles. C. R. Acad. Bulg. Sci., 69 (9), BAS, 2016, ISSN:1310–1331, 1195-1202. SJR (Scopus):0.206, JCR-IF (Web of Science):0.251 **Q2 (Web of Science)** Линк	1.000	100.00
11	**Velinov P. I. Y.**. (2016) Expanded classification of solar cosmic ray events causing ground level enhancements (GLEs). Types and groups of GLEs. C. R. Acad. Bulg. Sci., 69 (10), BAS, 2016, ISSN:1310–1331, 1341-1350. SJR (Scopus):0.206, JCR-IF (Web of Science):0.251 **Q2 (Web of Science)** Линк	1.000	100.00
12	**Velinov P. I. Y.**. (2016) Extended categorisation of solar energetic particle events rising to ground level enhancements of cosmic rays. (Review paper). Aerospace Res. Bulg., Vol. 28, BAS Publishers, Sofia, 2016, ISSN:1313-0927, pp. 3-20. **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
13	**Velinov P. I. Y.**. (2016) On the distribution of Ground Level Enhancement (GLE) events during solar cycles 17-24. C. R. Acad. Bulg. Sci., 69 (7), BAS, 2016, ISSN:1310–1331, 897-904. SJR (Scopus):0.206, JCR-IF (Web of Science):0.251 **Q2 (Web of Science)** Линк	1.000	100.00
14	Mishev A., **Velinov P. I. Y.**. (2016) Application of NM derived spectra for computation of ionization effect during major GLE events of solar cycle 23. European Space Weather Week (ESWW), 14-18 Nov 2016, Ostende, Belgium, ESWW13 Book. http://www.stce.be/esww13/contributions/public/S14-P1/S14-P1-04, ESA Publications Division, ESTEC, Noordwijk, The Netherlands, 2016, p. 69 **Международно академично издателство (ACM Digital Library)** Линк	1.000	50.00
15	Mishev A., **Velinov P. I. Y.**. (2016) Computation of complex ion production due to cosmic rays during the Halloween sequence of GLEs on October-November 2003. Astrophysics arXiv: 1612.07100v [astro-ph.HE - High Energy Astrophysical Phenomena] 21 Dec 2016, Los Alamos National Laboratory (LANL), NM; Cornell University Library, Ithaca, NY, USA, 2016, pp. 1-4. JCR-IF (Web of Science):0.41 **Q4 (Web of Science)** Линк	1.000	50.00
16	Mishev A., **Velinov P. I. Y.**. (2016) Computation of ion production rate and short, mid and long term ionization effect by cosmic rays during Bastille day event. Astrophysics arXiv: 1612.07039v1 [astro-ph.HE - High Energy Astrophysical Phenomena] 21 Dec 2016, https://arxiv.org/pdf/1612.07039.pdf, Los Alamos National Laboratory (LANL), NM; Cornell University Library, Ithaca, NY, USA, 2016, pp. 1-4.. ISI IF:0.41 **Q4 (Web of Science)** Линк	1.000	50.00
17	Mishev A., **Velinov P. I. Y.**. (2016) Ionization effect due to cosmic rays during Bastille Day Event (GLE 59) on short and mid time scales. C. R. Acad. Bulg. Sci., 69, 11, 2016, 1479-1484. SJR:0.206, ISI IF:0.251 **Q2 (Web of Science)** Линк	1.000	50.00
18	**Mateev L.**, **Tassev Y.**, **Velinov P. I. Y.**. (2017) New Approach in the Study of Processes in Solar-Terrestrial Physics. Proceedings of the 3rd National Congress on Physical Sciences, Sofia, Bulgaria, 29.09-02.10.2016, Section 6: Physics of the Earth, Atmosphere and Cosmos, http://www.phys.uni-sofia.bg/upb/kongres/disk/html/Cont06.htm, [DVD: ISBN 978-954-580-364-2] Heron Press: Sofia, 2017, ISBN:978-954-580-364-2, pp. 1-6. **Международно неакадемично издателство (ВИНИТИ)** Линк	1.000	100.00
19	**Tassev Y.**, **Velinov P. I. Y.**, Tomova D., Mishev A.. (2017) Quantification of solar wind parameters from measurments by SOHO and DSCOVR spacecrafts during series of Interplanetary Coronal Mass Ejections in the helioactive period September 2-15, 2017. Report on the 14th European Space Weather Week, November 27 - December 1, 2017, Ostende, Belgium, http://www.stce.be/esww14/ ; Session 4 - The role of Interplanetary Coronal Mass Ejections in Space Weather; http://www.stce.be/esww14/program/session_details.php?nr=4, ESA, 2017 **Международно неакадемично издателство** Линк	1.000	50.00
20	**Tassev, Y.**, **Velinov, P. I. Y.**, Tomova, D., **Mateev, L.**. (2017) Analisis of extreme solar activity in early September 2017: G4 - Severe geomagnetic storm (07-08.09) and GLE72 (10.09) in solar	1.000	75.00

	minimum. C. R. Acad. Bulg. Sci., 70, 10, Bulgarian Academy of Sciences, 2017, 1437-1444. ISI IF:0.27 **Q2 (Web of Science)** Линк		
21	**Velinov P. I. Y.**, **Mateev L.**. (2017) Anisotropic penetration and ionization of solar cosmic rays and energetic particles in the Earth environment. Report 1.10. on Session 1: Space Physics of 13-th Anniversary Scientific Conference with International Participation Space, Ecology, Safety: SES 2017, 2–4 November 2017, Sofia, Bulgaria, Progr. Book, ISRT, BAS., 2017, pp. 6-7. **Национално академично издателство** Линк	1.000	100.00
22	**Velinov P. I. Y.**, Balabin Yu. V., Maurchev E. A.. (2017) Calculations of enhanced ionization in strato-troposphere during the greatest ground level enhancement on 23 February 1956 (GLE05). C. R. Acad. Bulg. Sci., 70, 4, Bulgarian Academy of Sciences, 2017, ISSN:1310–1331, 545-554. JCR-IF (Web of Science):0.27 **Q2 (Web of Science)** Линк	1.000	33.33
23	**Velinov P. I. Y.**, Balabin Yu.V., Maurchev E.A.. (2017) Cosmic ray ionization effect in the atmosphere during the maximal GLE05 − on 23.02.1956. Proceedings of Science PoS(ICRC2017)075 pdf, 35th International Cosmic Ray Conference, ICRC 2017, The Astroparticle Physics Conference, Bexco, Busan, Korea; 12-20 July, 2017, ISSN:18248039, pp. 1-8. JCR-IF (Web of Science):0.21 **Q4 (Web of Science)** Линк	1.000	33.33
24	**Velinov P. I. Y.**, Mishev A.. (2017) Long term ionization effect during several GLE events of solar cycle 23 - comparative analysis. Proceedings of Science PoS(ICRC2017)074 pdf, 35th International Cosmic Ray Conference, ICRC 2017, The Astroparticle Physics Conference - Session Solar & Heliospheric. SH-Terrestrial effects, Bexco, Busan, Korea; 12-20 July, 2017, DOI:https://doi.org/10.22323/1.301.0074, pp. 1-8. JCR-IF (Web of Science):0.21 **Q4 (Web of Science)** Линк	1.000	50.00
25	**Velinov P. I. Y.**. (2017) Anisotropic ionization in the ionosphere and atmosphere due to solar energetic particles. C. R. Acad. Bulg. Sci., 70, 5, Bulgarian Academy of Sciences, 2017, ISSN:1310–1331, 679-686. ISI IF:0.27 **Q2 (Web of Science)** Линк	1.000	100.00
26	**Velinov P. I. Y.**. (2017) Corpuscular anisotropic ionization by high energy particles with different spatial distributions. C. R. Acad. Bulg. Sci., 70, 7, Bulgarian Academy of Sciences, 2017, ISSN:1310–1331, 995-1002. ISI IF:0.27 **Q2 (Web of Science)** Линк	1.000	100.00
27	**Velinov P. I. Y.**. (2017) Development of advanced space sciences after first artificial satellite. 60-th anniversary of the Space Age. Aerospace Res. Bulg., 29, BAS, 2017, ISSN:1313-0927, 147-157. **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
28	Tomova D., **Velinov P. I. Y.**, **Tassev Y.**. (2017) Comparison between extreme solar activity events on March 15, 2015 and September 4 and 6, 2017 at different phases of solar cycle 24. Report 1.9. on Session 1: Space Physics of 13-th Anniversary Scientific Conference with International Participation Space, Ecology, Safety: SES 2017, 2–4 November 2017, Sofia, Bulgaria, Progr. Book, ISRT,, BAS., 2017, pp. 6-7. **Национално академично издателство** Линк	1.000	66.67
29	Tomova, D., **Velinov P. I. Y.**, **Tassev, Y.**. (2017) Comparison between extreme solar activity during periods March 15-17, 2015 and September 4-10, 2017 at different phases of solar cycle 24. (Review paper). Aerospace Res. Bulg., Vol. 29, BAS Publishers, Sofia, 2017, ISSN:1313-0927, DOI:10.7546/AeReBu.29.18.01.02, pp. 3-29. **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	66.67
30	Tomova, D., **Velinov, P. I. Y.**, **Tassev, Y.**. (2017) Energetic evaluation of the largest geomagnetic storms of Solar cycle 24 on March 17, 2015 and September 8, 2017 during Solar maximum and minimum, respectively. C. R. Acad. Bulg. Sci., 70, 11, "Prof.Marin Drinov" Publishing House of Bulgarian Academy of Scinces, 2017, ISSN:1310-1331, 1567-1574. JCR-IF (Web of Science):0.27 **Q2 (Web of Science)** Линк	1.000	66.67
31	**Tassev Y.**, **Velinov P. I. Y.**, Dorman L. I., Mishev A., Tomova D., **Mateev L.**. (2018) Investigation of exceptional solar activity in September 2017: G4 geomagnetic storm (07-08.09) and GLE72 (10.09) in minimum of Solar cycle 24. Report on 42nd General Scientific Assembly of COSPAR (COmmittee on SPAce Research), 14 Jul - 22 Jul 2018, Pasadena, CA, USA, Paper: 23295, User: 37011., 2018, pp. 1-12. **В депозитна база (напр. arxiv)** Линк	1.000	50.00
32	**Velinov P. I. Y.**, **Mateev, L.**. (2018) Anisotropic penetration of solar energetic particles in the Earth environment. C. R. Acad. Bulg. Sci., 71, 3, BAS, 2018, DOI:10.7546/CRABS.2018.03.11, 383-390. ISI IF:0.321 **Q2 (Web of Science)** Линк	1.000	100.00
33	**Velinov P. I. Y.**, **Tassev Y.**, Tomova D., **Mateev L.**. (2018) Analysis and characteristics of unpredictable G2 – moderate geomagnetic storm on April 20, 2018 in solar cycle 24 minimum. C. R. Acad. Bulg. Sci., 71, 10, BAS, 2018, DOI:10.7546/CRABS.2018.10.09, 1357-1365. JCR-IF (Web of Science):0.321 **Q2 (Web of Science)** Линк	1.000	75.00

34	**Velinov P. I. Y.**, **Tassev Y.**. (2018) Long term decrease of stratospheric ionization near the 24-th solar cycle minimum after G4 – Severe geomagnetic storm and GLE72 on September 8–10, 2017. C. R. Acad. Bulg. Sci., 71, 8, BAS, 2018, DOI:10.7546/CRABS.2018.08.10, 1086-1094. ISI IF:0.321 **Q2 (Web of Science)** Линк	1.000	100.00
35	Dorman, L. I., **Velinov, P. I. Y.**, Tomova, D., Mishev, A., **Mateev, L.**. (2018) Anomalous enhancement of cosmic rays during G3 geomagnetic storm on 26.08.2018 in special position of Sun–Earth–Moon system. Proc. SES 2018, Institute for Space Research and Technology - BAS, 2018, ISSN:2603-3313, pp. 43-48. **Национално академично издателство (ВИНИТИ)** Линк	1.000	40.00
36	Dorman, L. I., Gvozdevsky B., Belov A., Eroshenko E., Yanke V., Pustilnik L., **Velinov P. I. Y.**, Dai U., Applbaum D., Gushchina R., Sternlieb A., Idler M., Keshtova F.. (2018) Planetary distribution of ionosphere ionization rate by Galactic Cosmic Rays (GCR): How it changed with time from 1950 up to expected at 2050 due to variations of CR penumbra functions and cutoff rigidities with taking into account time variations of GCR spectrum?. Report on 42nd General Scientific Assembly of COSPAR (COmmittee on SPAce Research), 14 Jul - 22 Jul 2018, Pasadena, CA, USA, Abstract id. PSW.3-14-18, User: 37011., 2018, 1-17 **В депозитна база (напр. arxiv)** Линк	1.000	7.14
37	Dorman, L. I., Gvozdevsky B., Belov A., Eroshenko E., Yanke V., Pustilnik L., **Velinov P. I. Y.**, Dai U., Applbaum D., Gushchina R., Sternlieb A., Idler M., Keshtova F.. (2018) Space-time distribution of ionosphere ionization rate during GLE and SEP events by Solar Cosmic Rays (SCR): Their changing from 1950 up to expected at 2050 due to variations of CR penumbra functions and cutoff rigidities with taking into account time variations of SCR spectrum during GLE and SEP events. Report on 42nd General Scientific Assembly of COSPAR (COmmittee on SPAce Research), 14 Jul - 22 Jul 2018, Pasadena, CA, USA, Abstract id. PSW.3-21-18, User: 37011., 2018, 1-16 **В депозитна база (напр. arxiv)** Линк	1.000	7.14
38	Mishev A., **Velinov P. I. Y.**. (2018) Ion production and ionization effect in the atmosphere during the Bastille day GLE 59 due to high energy SEPs. Adv. Space Res., 61, 1, Elsevier, 2018, DOI:10.1016/j.asr.2017.10.023, 316-325. JCR-IF (Web of Science):2.177 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	50.00
39	Mishev, A., **Velinov, P. I. Y.**. (2018) Ionization effect in the middle stratosphere due to cosmic rays during strong GLE events. C. R. Acad. Bulg. Sci., 71(4), 2018, DOI:10.7546/CRABS.2018.04.11, 523-528. JCR-IF (Web of Science):0.321 **Q2 (Web of Science)** Линк	1.000	50.00
40	**Tassev Y.**, **Velinov P. I. Y.**, Mishev A., Tomova D.. (2019) A new approach for short-term and super-short-term space weather forecast. European Space Weather Week 16, November 18-22, 2019, Liege - Belgium, Session 16: Novel approaches for space weather forecasting, Friday 22/11, 11:15-12:30 & 14:00-15:15, Paper 16.p08, Presentation ESWW16 _2019 A4, 2019, pp. 1-11. **В депозитна база (напр. arxiv) (ВИНИТИ)** Линк	1.000	50.00
41	**Tassev Y.**, **Velinov P. I. Y.**, Tomova D.. (2019) Forecast of solar activity geoeffectiveness in May 2019. Does the solar cycle 25 begin?. C. R. Acad. Bulg. Sci., 72 (9), BAS, Sofia, 2019, DOI:10.7546/CRABS.2019.09.11, 1234-1243. JCR-IF (Web of Science):0.343 **Q2 (Web of Science)** Линк	1.000	66.67
42	**Velinov P. I. Y.**, **Mateev L.**. (2019) Equations for ionizing capabilities due to nonrelativistic Solar Energetic Particles (SEPs) with low and high anisotropy penetrations in the Near-Earth Space. Raport 15th International Scientific Conference SES 2019, November 6-8, dedicated to the 150-th anniversary of the Bulgarian Academy of Sciences and 50-th anniversary of the Institute for Space Research and Technology ISRT - BAS, A. Book - p. 5, ISRT & Bulgarian Astronautical Society, Sofia, 2019 **В депозитна база (напр. arxiv)** Линк	1.000	100.00
43	**Velinov P. I. Y.**, **Mateev L.**. (2019) Penetration of solar cosmic rays with highly anisotropic distribution into the near-Earth space. C. R. Acad. Bulg. Sci., 72 (5), BAS, Sofia, 2019, DOI:10.7546/CRABS.2019.05.12, 641-649. SJR (Scopus):0.21, JCR-IF (Web of Science):0.343 **Q2 (Web of Science)** Линк	1.000	100.00
44	**Velinov P. I. Y.**, Mishev A.. (2019) Ionization effect in the atmosphere during several Halloween GLE events in October-November 2003. Proceedings of Science PoS (ICRC2019) 1167 pdf, 36th International Cosmic Ray Conference (ICRC 2019, 24 July–1 August, 2019), Madison, USA, 2019, pp. 1-8. JCR-IF (Web of Science):0.21 **Q4 (Web of Science)** Линк	1.000	50.00
45	**Velinov P. I. Y.**. (2019) Cosmic ray anomalous enhancement (not a GLE) during G3 – Strong geomagnetic storm on August 26, 2018 associated with Forbush effect. C. R. Acad. Bulg. Sci., 72 (3), 375-382., BAS, Sofia, 2019, DOI:10.7546/CRABS.2019.03.12, SJR (Scopus):0.21, JCR-IF (Web of Science):0.343 **Q2 (Web of Science)** Линк	1.000	100.00
46	**Velinov P. I. Y.**. (2019) Study of strongest geomagnetic storm for 2018 – the surprise synagermós G3 storm on August 26, 2018 in special position of Sun-Earth-Moon system. C. R. Acad. Bulg. Sci., 72 (2), 226-233., BAS, Sofia, 2019, DOI:10.7546/CRABS.2019.02.12, SJR (Scopus):0.21, JCR-IF (Web of Science):0.343 **Q2 (Web of Science)** Линк	1.000	100.00
47	Dorman, L. I., **Tassev, Y.**, **Velinov, P. I. Y.**, Tomova, D., **Mateev, L.**. (2019) Investigation of exceptional solar activity in September 2017: GLE72 and unusual Forbush decrease in GCRs. Journal of Physics: Conference Series (JPCS) 1181 012070, IOP Publishing, 2019, ISSN:1742-6596, DOI:10.1088/1742-6596/1181/1/012070, 1-8. SJR (Scopus):0.24, JCR-IF (Web of Science):0.25 **Q3 (Web of Science)** Линк	1.000	50.00

48	**Velinov P. I. Y.**, Mishev A., **Mateev L.**. (2020) Ionization effects in Regener–Pfotzer maximum due to cosmic rays during Ground Level Enhancements GLE 65, 66, 67 in October–November 2003. 16-th International Scientific Conference, 2–4 December 2020, Sofia, Proceedings SES2020, http://space.bas.bg/SES/archive/SES%202020_ DOKLADI/posteri/Velinov.pdf,, Session 1 - Space Physics, BAS Publishers, pp. 5-7, 2020 **Национално академично издателство (ВИНИТИ)** Линк	1.000	66.67
49	**Velinov, P. I. Y.**, **Tassev, Y.**, Tomova, D.. (2020) Study of unpredicted first geomagnetic storm of 2020, due to interaction of ICME with Near-Earth Space on April 20. C. R. Acad. Bulg. Sci., 73 (11), 1571-1578., 2020, JCR-IF (Web of Science):0.343 **Q2 (Web of Science)** Линк	1.000	66.67
50	Mishev A., **Velinov P. I. Y.**. (2020) Ionization effect in the Earth's atmosphere during the sequence of October–November 2003 Halloween GLE events. J. Atmos. Solar-Terr. Phys., 211, 105484, Elsevier, 2020, DOI:https://doi.org/10.1016/j.jastp.2020.105484, pp. 1-7. JCR-IF (Web of Science):1.503 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	50.00
51	Mishev A., **Velinov P. I. Y.**. (2020) Ionization effect in the Earth's atmosphere during the sequence of October–November 2003 Halloween GLE events. Space Physics ArXiv:2011.00048v1[physics-space-ph] 30 Oct 2020, Los Alamos National Laboratory (LANL), NM; Cornell University Library, Ithaca, NY, USA, 2020, pp. 1-21. JCR-IF (Web of Science):0.41 **Q4 (Web of Science)** Линк	1.000	50.00
52	Mishev A., **Velinov P. I. Y.**. (2020) Ionization effect in the region of Regener-Pfotzer maximum due to cosmic rays during Halloween GLE events in October-November 2003. C. R. Acad. Bulg. Sci., 73 (2), 2020, 244-251. JCR-IF (Web of Science):0.343 **Q2 (Web of Science)** Линк	1.000	50.00
53	**Velinov P. I. Y.**, Mishev A.. (2021) Influence of Forbush effect on atmospheric ionization due to solar energtic particles. C. R. Acad. Bulg. Sci., 74 (6), 2021, JCR-IF (Web of Science):0.343 **Q2 (Web of Science)** Линк	1.000	50.00
54	**Velinov P. I. Y.**. (2021) Advances in space science and technology in connection with 60−th anniversary of first human spaceflight. Aerospace Res. Bulg., 33, 251-276, BAS, 2021, ISSN:1313-0927, DOI:10.3897/arb.v33.e19 **Без JCR или SJR – индексиран в WoS или Scopus (Web of Science)** Линк	1.000	100.00
55	**Velinov P. I. Y.**. (2021) Прогресът на космическите науки и технологии във връзка с 60-та годишнина на първия полет на човека в Космоса. J. Bulg. Acad. Sci., CXXXIV (3), Bulgarian Academy of Sciences, BAS Publishers, 2021 **Национално академично издателство (ВИНИТИ)**	1.000	100.00
56	Dorman L. I., **Velinov P. I. Y.**, Mishev A.. (2021) Global planetary ionization maps in Regener-Photzer cosmic ray maximum for GLE 66 during magnetic superstorm of 29–31 October 2003. Adv. Space Res., 68 (10), Elsevier, 2021, JCR-IF (Web of Science):2.177 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	33.33
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Коригиран брой: 57.000			