

СПИСЪК НА НАУЧНИТЕ ТРУДОВЕ
НА ПРОФ. ДГН СТАНИСЛАВ ВАСИЛЕВ ВАСИЛЕВ
ЗА ЦЕЛИЯ ТВОРЧЕСКИ ПЕРИОД (1989-2021 г.)
(в хронологичен ред)

Обобщена информация

Общ брой публикации – 106:

- Публикации в международни списания - 71, в чуждестранни – 3, в български - 32
- Публикации в списания с импакт-фактор – 72
- Публикации пълен текст в сборници от конференции – 14
- Автореферати на дисертации – 2
- Самостоятелен и първи автор – 74 статии; втори автор – 12; трети и следващ автор - 20

Брой публикации през последните 5 години (2016-2021) – 14 (в международни списания 12, в български – 2; в списания с импакт-фактор – 11)

Общ брой цитати – 7863

Брой цитати, забелязани през последните 5 години (2016-2021) – 4886

h-индекс = 37 (базиран на представения от кандидата списък с цитирания за всички 106 публикации и на базата на 62 публикации в Scopus)

В допълнение:

- 33 броя публикации са включени в класацията „Топ 1-10%” на най-цитираните публикации за съответната научна област според Scopus, 26.04.2021 г.
- 5 броя публикации (№№ 17, 67, 73, 81, 83) попадат в „Списъка на най-цитираните 211 публикации на БАН до 01.06.2020 г.“

Забележка:

- В колона 1 на таблицата със * са отбелязани публикациите, определящи h-индекса (37) на проф С. Василев (според Scopus, 27.05.2021)
- В колона 4 е даден импакт-фактора (ИФ) на списанието в годината на публикуване на статията (ако има такъв)
- В колона 5 е даден импакт-фактора (ИФ) на списанието за 2020 г.
- Данните за импакт факторите на списанията са взети от базата данни ICI

№	Публикация	Брой цитати	ИФ	ИФ 2020
1	Василев С. , Зотов Н. Рентгенографско изследване на фазовия състав на сгурии, пепели и сгуропепелни смеси от ТЕЦ “Марица-изток 1”, получени при изгаряне на лигнитни въглища от Източномаришкия басейн. <i>Нефтена и въглищна геология (1989)</i> , 25: 57-64.			
2	Василев С. Фазово-минераложки изследвания на отпадни продукти от топлоелектроцентрали, получени при изгаряне на източномаришки лигнитни въглища. <i>Списание на българското геологическо дружество (1990)</i> , 51/2: 35-45.	1		
3	Василев С. Фазово-минераложки и химичен състав на твърди отпадни продукти от български топлоелектроцентрали. <i>Автореферат на кандидатска дисертация, София, 1990, 41 с.</i>	1		
4	Василев С. Съдържание на хлор в донбаски въглища и отпадни продукти от топлоелектроцентрали. <i>Нефтена и въглищна геология (1991)</i> , 28: 46-51.			
5	Василев С. , Йосифова М, Вълчева С. Минералого-петрографската характеристика на отпадците от обогатяване на бобовдолски въглища - база за комплексна оценка с цел оползотворяването им. <i>Минно дело (1991)</i> , 2: 16-19.			
6*	Vassilev S. Phase mineralogy studies of solid waste products from coal burning at some Bulgarian thermoelectric power plants. <i>Fuel (1992)</i> , 71: 625-633.	56	0.814	5.578
7	Vassilev S. , Vassileva B. Element composition of waste waters from thermo-electric power plants. <i>Comptes rendus de l'Academie Bulgare des Sciences (1992)</i> , 45/7: 49-52.	4		0.343
8	Vassilev S. Phase-mineralogical composition and trace elements in fly ashes from coal burning at Bulgarian thermoelectric power stations. <i>Proc. 4th International Symp. Reclamation, Treatment and Utilization of Coal Mining Wastes, Krakow, Poland, vol. I: 203-210, 1993.</i>			
9	Yossifova M, Vassilev S. Phase-mineralogical composition and trace elements in solid waste products at some Bulgarian coal-treatment plants. <i>Proc. 4th International Symp. Reclamation, Treatment and Utilization of Coal Mining Wastes, Krakow, Poland, vol. II: 973-979, 1993.</i>			
10	Vassilev S. Some notes on the mineralogical and geochemical studies of coal during heating. <i>Comptes rendus de l'Academie Bulgare des Sciences (1993)</i> , 46/6: 57-59.	2		0.343
11	Vassilev S. 1994. Trace elements in solid waste products from coal burning at some Bulgarian thermoelectric power stations. <i>Fuel (1994)</i> 73: 367-374	31	0.814	5.578
12*	Vassilev S. , Yossifova M, Vassileva C. Mineralogy and geochemistry of Bobov Dol coals, Bulgaria. <i>International Journal of Coal Geology (1994)</i> , 26: 185-214.	58	0.341	5.692
13	Vassilev S. , Kitano K, Takeda S, Tsurue T. Influence of mineral and chemical composition of coal ashes on their fusibility. <i>Proc. Conf. on Waste Materials and Environmental Resources, Huis Ten Bosch, Nagasaki, Japan: 119-122, 1994.</i>			
14	Vassilev S. Phase-mineralogical studies on solid waste products from burning of Bobov Dol coal at "Bobov Dol" thermo-electric power plant. <i>Annuaire de l'Universite de Sofia (1995)</i> , Livre 1 - Geologie, 84: 85-108.			
15	Йосифова М, Вълчева С, Василев С. Петрографски, минерален и химичен състав на въглища и отпадни продукти от Централна обогатителна			

	фабрика “Бобов дол”: I. Петрографски състав. <i>Годишник на СУ (1995)</i> , кн. I - геология, 87: 85-101.			
16	Василев С , Йосифова М, Вълчева С. Петрографски, минерален и химичен състав на въглища и отпадни продукти от Централна обогатителна фабрика “Бобов дол”: II. Минерален и химичен състав. <i>Годишник на СУ (1995)</i> , кн. I - геология, 87: 103-123.			
17*	Vassilev S , Kitano K, Takeda S, Tsurue T. Influence of mineral and chemical composition of coal ashes on their fusibility. <i>Fuel Processing Technology (1995)</i> , 45: 27-51.	298	0.972	4.982
18	Vassilev S , Eskenazy G, Tarassov M, Dimov V. Mineralogy and geochemistry of a vitrain lens with unique trace element content from the Vulche Pole coal deposit, Bulgaria. <i>Geologica Balcanica (1995)</i> , 25/3-4: 111-123.	32		
19	Vassilev S . Stack emissions from coal-fired power stations: an environmental pollution with trace elements. <i>Comptes rendus de l'Academie Bulgare des Sciences (1995)</i> , 48/4: 45-47.	2		0.343
20	Vassilev S , Kitano K, Takeda S, Tsurue T. Relationship between fusibility and mineral and chemical composition of coal ashes. <i>Comptes rendus de l'Academie Bulgare des Sciences (1995)</i> , 48/7: 51-54.	1		0.343
21*	Vassilev S , Vassileva C. Mineralogy of combustion wastes from coal-fired power stations. <i>Fuel Processing Technology (1996)</i> , 47: 261-280.	186	0.972	4.982
22*	Vassilev S , Kitano K, Vassileva C. Some relationships between coal rank and chemical and mineral composition. <i>Fuel (1996)</i> , 75: 1537-1542	88	0.814	5.578
23	Vassileva B, Vassilev S , Vassileva C. Effective use of mineral sorbents for purification of waste waters from thermo-electric power stations. <i>Comptes rendus de l'Academie Bulgare des Sciences (1996)</i> , 49/4: 59-62.	5		0.343
24*	Vassilev S , Vassileva C. Occurrence, abundance and origin of minerals in coals and coal ashes. <i>Fuel Processing Technology (1996)</i> , 48: 85-106.	182	0.972	4.982
25*	Vassilev S , Kitano K, Vassileva C. Relations between ash yield and chemical and mineral composition of coals. <i>Fuel (1997)</i> , 76: 3-8	55	0.814	5.578
26*	Vassilev S , Vassileva C. Geochemistry of coals, coal ashes and combustion wastes from coal-fired power stations. <i>Fuel Processing Technology (1997)</i> , 51: 19-45.	157	0.972	4.982
27	Vassilev S , Eskenazy G, Karaivanova E. Chlorine and bromine in Bulgarian coals and their combustion wastes. <i>Comptes rendus de l'Academie Bulgare des Sciences (1997)</i> , 50/7-8: 45-48.	3		0.343
28	Vassilev S , Vassileva C. Comparative chemical and mineral characterization of some Bulgarian coals. <i>Fuel Processing Technology (1998)</i> , 55: 55-69.	29	0.715	4.982
29	Moliner R, Braekman-Danheux C, Fontana A, Suelves I, Thiemann T, Vassilev S . Low cost catalytic sorbents for NOX reduction based on coal chars doped with transition metals. <i>Proc. 3rd International Conf. Coal Utilization Science and Technology (CUSTNET), Bucharest, Romania, Session 3: 41-1 - 41-6, 1998</i> .			
30	Braekman-Danheux C, Moliner R, Fontana A, Vassilev S , Suelves I. Coal chars doped with transition metals as low cost catalytic sorbents for NOx reduction. <i>Preprints of Symposia of the 216th ACS, Boston, USA, vol. 43, No. 4: 857-861, 1998</i> .			
31	Eskenazy G, Vassilev S , Karaivanova E. Chlorine and bromine in the Pirin coal deposit, Bulgaria. <i>Review of the Bulgarian Geological Society (1998)</i> , 59/2: 67-72.	4		

32*	Vassilev S , Braekman-Danheux C, Laurent P. Characterization of refuse-derived char from municipal solid waste. 1. Phase-mineral and chemical composition. <i>Fuel Processing Technology</i> (1999), 59: 95-134.	44	0.526	4.982
33*	Vassilev S , Braekman-Danheux C. 1999. Characterization of refuse-derived char from municipal solid waste. 2. Occurrence, abundance and source of trace elements. <i>Fuel Processing Technology</i> (1999), 59: 135-161.	51	0.526	4.982
34*	Vassilev S , Braekman-Danheux C, Laurent P, Thiemann T, Fontana A.. Behaviour, capture and inertization of some trace elements during combustion of refuse-derived char from municipal solid waste. <i>Fuel</i> (1999), 78: 1131-1145.	84	0.789	5.578
35	Moliner R, Lazaro M, Suelves I, Braekman-Danheux C, Vassilev S . NOX reduction on coal chars doped with petroleum ashes. <i>Proc. 10th International Conf. Coal Sciences, Taiyuan, Shanxi, China, vol. II: 1513-1516, 1999.</i>			
36	Vassilev S , Braekman-Danheux C, Moliner R, Suelves I. Characterization of coal chars impregnated with transition metals for low-cost catalytic NOX reduction. <i>Proc. 10th International Conf. Coal Sciences, , Taiyuan, Shanxi, China, vol. II: 1517-1520, 1999.</i>			
37*	Vassilev S , Eskenazy G, Vassileva C. Contents, modes of occurrence and origin of chlorine and bromine in coal. <i>Fuel</i> (2000), 79: 903-921.	111	0.893	5.578
38*	Vassilev S , Eskenazy G, Vassileva C. Contents, modes of occurrence and behaviour of chlorine and bromine in combustion wastes from coal-fired power stations. <i>Fuel</i> (2000), 79: 923-937.	65	0.893	5.578
39	Tascon J, Vassilev S . La materia mineral del carbon: metodos de caracterization. <i>Proc. V Congreso Nacional de Ciencia y Tecnologia del Carbon, Valledupar, Columbia, 19-23, 2000.</i>			
40*	Vassilev S , Eskenazy G, Vassileva C. Behaviour of elements and minerals during preparation and combustion of the Pernik coal, Bulgaria. <i>Fuel Processing Technology</i> (2001), 72: 103-129.	119	0.766	4.982
41	Vassilev S , Menendez R, Alvarez D, Borrego A. Multicomponent utilization of fly ash: dream or reality. <i>Proc. International Ash Utilization Symposium, Lexington, USA, 216-236, 2001.</i>	15		
42	Eskenazy G, Vassilev S . Geochemistry of chlorine and bromine in Bulgarian coals. <i>Review of the Bulgarian Geological Society</i> (2001), 62/1-3: 37-46.	2		
43	Vassilev S , Braekman-Danheux C, Moliner R, Suelves I, Lazaro MJ, Thiemann T. Low cost catalytic sorbents for NOx reduction. 1. Preparation and characterization of coal char impregnated with model vanadium components and petroleum coke ash. <i>Fuel</i> (2002), 81: 1281-1296.	20	1.000	5.578
44	Vassileva C, Vassilev S . Relations between ash-fusion temperatures and chemical and mineral composition of some Bulgarian coals. <i>Comptes rendus de l'Academie Bulgare des Sciences</i> (2002), 55/6: 61-66.	10	0.121	0.343
45	Vassileva C, Vassilev S . General observations on the phase-mineral transformations in inorganic matter of some Bulgarian coals during heating. <i>Comptes rendus de l'Academie Bulgare des Sciences</i> (2002), 55/7: 47-50.	4	0.121	0.343
46*	Vassilev S , Tascon J. Methods for characterization of inorganic and mineral matter in coal: a critical overview. <i>Energy and Fuels</i> (2003), 17: 271-281.	134	1.303	3.421
47	Lazaro MJ, Suelves I, Moliner R, Vassilev S , Braekman-Danheux C. Low cost catalytic sorbents for NOx reduction. 2. Tests with no reduction reactivities. <i>Fuel</i> (2003), 82: 771-782.	8	1.167	5.578
48*	Vassilev S , Menendez R, Alvarez D, Diaz-Somoano M, Martinez-Tarazona MR. Phase-mineral and chemical composition of coal fly ashes as a basis for	186	1.167	5.578

	their multicomponent utilization. 1. Characterization of feed coals and fly ashes. <i>Fuel</i> (2003), 82: 1793-1811.			
49*	Vassilev S , Menendez R, Diaz-Somoano M, Martinez-Tarazona MR. Phase-mineral and chemical composition of coal fly ashes as a basis for their multicomponent utilization. 2. Characterization of ceramic cenosphere and water-soluble salt concentrates. <i>Fuel</i> (2004), 83: 585-603.	129	1.368	5.578
50	Lazaro MJ, Galvez M, Suelves I, Moliner R, Vassilev S , Braekman-Danheux C. Low cost catalytic sorbents for NOx reduction. 3. NO reduction tests using NH ₃ as reducing agent. <i>Fuel</i> (2004), 83: 875-884.	10	1.368	5.578
51*	Vassilev S , Menendez R, Borrego A, Diaz-Somoano M, Martinez-Tarazona MR. Phase-mineral and chemical composition of coal fly ashes as a basis for their multicomponent fly ash utilization. 3. Characterization of magnetic and char concentrates. <i>Fuel</i> (2004), 83: 1563-1583.	98	1.368	5.578
52	Vassileva C, Vassilev S . Some environmental aspects related to sulphur emissions during combustion of Bulgarian coals. <i>Comptes rendus de l'Academie Bulgare des Sciences</i> (2004), 57/9: 29-32.	3	0.121	0.343
53*	Vassilev S , Vassileva C, Karayigit A, Bulut Y, Alastuey A, Querol X. Phase-mineral and chemical composition of composite samples from feed coals, bottom ashes and fly ashes at the Soma power station, Turkey. <i>International Journal of Coal Geology</i> (2005), 61: 35-63.	120	1.397	5.692
54*	Vassilev S , Vassileva C, Karayigit A, Bulut Y, Alastuey A, Querol X. Phase-mineral and chemical composition of fractions separated from composite fly ashes at the Soma power station, Turkey. <i>International Journal of Coal Geology</i> (2005), 61: 65-85.	58	1.397	5.692
55*	Vassilev S , Menendez R. Phase-mineral and chemical composition of coal fly ashes as a basis for their multicomponent utilization. 4. Characterization of heavy concentrates and improved fly ash residues. <i>Fuel</i> (2005), 84: 973-991.	63	1.674	5.578
56	Василев С , Василева Х. Минералогия и геохимия на въглища и продукти от тяхното изгаряне и пиролиза. <i>Юбилеен сборник "10 години ЦЛМК-БАН"</i> , Акад. изд. "Марин Дринов София, 33-40, 2005.			
57*	Liu G, Vassilev S , Gao L, Zheng L, Peng Z. Mineral and chemical composition and some trace element contents in coals and coal ashes from Huaibei coal field, China. <i>Energy Conversion and Management</i> (2005), 46: 2001-2009.	51	1.244	8.208
58*	Vassilev S , Vassileva C. Methods for characterization of composition of fly ashes from coal-fired power stations: a critical overew. <i>Energy and Fuels</i> (2005), 19: 1084-1098.	199	1.494	3.421
59*	Vassileva C, Vassilev S . 2005. Behaviour of inorganic matter during heating of Bulgarian coals. 1. Lignites. <i>Fuel Processing Technology</i> (2005), 86: 1297-1333.	117	1.171	4.982
60	Karayigit A, Bulut Y, Querol X, Alastuey A, Vassilev S . Variations in fly ash composition from the Soma power plant, Turkey. <i>Energy Sources</i> (2005), 27: 1473-1481.	9	0.265	1.184
61	Василев С . Минералогия и геохимия на въглища и твърди отпадни продукти от тяхното изгаряне. <i>Автореферат на докторска дисертация, София, 73 с, 2005.</i>			
62	Vassilev S , Lihareva N, Vassileva C. Sequential leaching behaviour of some elements during chemical treatment of Bobov Dol coal fly ash. <i>Comptes rendus de l'Academie Bulgare des Sciences</i> (2006), 59/6: 645-650.		0.122	0.343

63	Vassilev S , Lihareva N, Vassileva C. Sequential leaching behaviour of some elements during chemical treatment of ceramic cenospheres from coal fly ash. <i>Comptes rendus de l'Academie Bulgare des Sciences</i> (2006), 59/7: 743-748.		0.122	0.343
64	Василев С. Фундаментални и приложни аспекти на минералогията и геохимията на въглищата. <i>Минно дело и геология</i> (2006), 7: 31-37.			
65	Karayigit A, Bulut Y, Karayigit G, Querol X, Alastuey A, Vassilev S , Vassileva C. Mass balance of major and trace elements in a coal-fired power plant. <i>Energy Sources</i> (2006), 28: 1311-1320.	13	0.265	1.184
66*	Vassileva C, Vassilev S . Behaviour of inorganic matter during heating of Bulgarian coals. 2. Subbituminous and bituminous coals. <i>Fuel Processing Technology</i> (2006), 87: 1095-1116.	98	1.323	4.982
67*	Vassilev S , Vassileva C. A new approach for the classification of coal fly ashes based on their origin, composition, properties, and behaviour. <i>Fuel</i> (2007), 86: 1490-1512.	301	1.829	5.578
68	Василев С. Фундаментални и приложни аспекти на минералогията и геохимията на пепели от ТЕЦ. <i>Минно дело и геология</i> (2007), 2: 20-25.			
69	Liu G, Qi C, Vassilev S , Chen Y. Mineral and chemical composition of Yanzhou coal and coal ash (China), with volatilization behaviour to 1000°C. <i>Journal of the Energy Institute</i> (2007), 80/4: 199-203.	1	0.295	4.748
70	Василев С. Някои аспекти на ефективното и екологосъобразно третиране на твърди битови отпадъци. <i>Минно дело и геология</i> (2008), 1: 20-23.			
71*	Vassilev S , Vassileva C. A new approach for the combined chemical and mineral classification of the inorganic matter in coal. 1. Chemical and mineral classification systems. <i>Fuel</i> (2009), 88: 235-245.	101	3.179	5.578
72	Vassilev S , Vassileva C, Baxter D, Andersen L. A new approach for the combined chemical and mineral classification of the inorganic matter in coal. 2. Potential applications of the classification systems. <i>Fuel</i> (2009), 88: 246-254.	29	3.179	5.578
73*	Vassilev S , Baxter D, Andersen L, Vassileva C. An overview of the chemical composition of biomass. <i>Fuel</i> (2010), 89: 913-933.	1507	3.604	5.578
74	Vassileva C, Vassilev S , Daher D. Preliminary results on chemical and phase-mineral composition of Syrian petroleum coke and ash. <i>Comptes rendus de l'Academie Bulgare des Sciences</i> (2010), 63/1: 129-136.	2	0.215	0.343
75	Vassilev S , Vassileva C, Baxter D, Andersen L. Relationships between chemical and mineral composition of coal and their potential applications as genetic indicators. Part 1. Chemical characteristics. <i>Geologica Balcanica</i> (2010), 39/3: 21-41.	25		
76	Vassilev S , Vassileva C, Baxter D, Andersen L. Relationships between chemical and mineral composition of coal and their potential applications as genetic indicators. Part 2. Mineral classes, groups and species. <i>Geologica Balcanica</i> (2010), 39/3: 43-67.	25		
77	Kostova I, Hower J, Mastalerz M, Vassilev S . Mercury capture by selected Bulgarian fly ashes: Influence of coal rank and fly ash carbon pore structure on capture efficiency. <i>Applied Geochemistry</i> (2011), 26: 18-27.	30	2.176	2.903
78	Kostova I, Vassileva C, Hower J, Mastalerz M, Vassilev S , Nikolova N. 2011. Mercury in coals and fly ashes from Republika and Bobov Dol thermoelectric power plants. <i>Comptes rendus de l'Academie Bulgare des Sciences</i> (2011), 64/2: 253-262.	4	0.202	0.343
79	Vassilev S , Baxter D, Andersen L, Vassileva C. New biomass classification based on the chemical composition. <i>Proc. 19th EUBCE, Berlin, Germany: 1977-1979, 2011.</i>			

80	Andersen L, Morgan T, Vassilev S , Boulamanti A, Giuntoli J, Adanouj I, Dean C, Fennell P, Vassileva C, Baxter D. Variation in chemical composition and certification of biomass. <i>Proc. 19th EUBCE, Berlin, Germany: 1958-1961, 2011.</i>			
81*	Vassilev S , Baxter D, Andersen L, Vassileva C, Morgan T. An overview of the organic and inorganic phase composition of biomass. <i>Fuel (2012), 94: 1-33.</i>	640	3.357	5.578
82	Kostova I, Vassileva C, Dai S, Vassilev S , Apostolova D, Darakchieva V. Influence of surface area properties on mercury capture behaviour of coal fly ashes from some Bulgarian power plants. <i>Proc. 64th Annual Meeting of International Committee for Coal and Organic Petrology (ICCP), Beijing, China, 52-54, 2012.</i>			
83*	Vassilev S , Baxter D, Andersen L, Vassileva C. An overview of the composition and application of biomass ash. Part 1. Phase-mineral and chemical composition and classification. <i>Fuel (2013), 105: 40-76.</i>	571	3.406	5.578
84*	Vassilev S , Baxter D, Andersen L, Vassileva C. An overview of the composition and application of biomass ash. Part 2. Potential utilization, technological and ecological advantages and challenges. <i>Fuel (2013), 105: 19-39.</i>	301	3.406	5.578
85*	Vassilev S , Baxter D, Vassileva C. An overview of the behaviour of biomass during combustion: Part I. Phase-mineral transformations of organic and inorganic matter. <i>Fuel (2013), 112: 391-449.</i>	248	3.406	5.578
86	Andersen L, Morgan T, Boulamanti A, Alvarez P, Vassilev S , Baxter D. Quantitative X-ray fluorescence analysis of biomass: Objective evaluation of a typical commercial multi-element method on a WD-XRF spectrometer. <i>Energy and Fuels (2013), 27/12: 7439-7454.</i>	17	2.733	3.421
87*	Vassilev S , Baxter D, Vassileva C. An overview of the behaviour of biomass during combustion: Part II. Ash fusion and ash formation mechanisms of biomass types. <i>Fuel (2014), 117: 152-183.</i>	213	3.520	5.578
88*	Vassilev S , Vassileva C, Baxter D. Trace element concentrations and associations in some biomass ashes. <i>Fuel (2014), 129: 292-313.</i>	86	3.520	5.578
89*	Vassilev S , Vassileva C, Vassilev V. Advantages and disadvantages of composition and properties of biomass in comparison with coal: An overview. <i>Fuel (2015), 158: 330-350.</i>	329	3.611	5.578
90	Morgan T, George A, Boulamanti A, Alvarez P, Adanouj I, Dean C, Vassilev S , Baxter D, Andersen L. 2015. Quantitative X-ray fluorescence analysis of biomass (switchgrass, corn stover, eucalyptus, beech, and pine wood) with a typical commercial multi-element method on a WD-XRF spectrometer. <i>Energy and Fuels (2015), 29/3: 1669-1685.</i>	19	2.835	3.421
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