

ПРИЛОЖЕНИЕ 1  
**СПИСЪК НА НАУЧНИТЕ ТРУДОВЕ**  
НА ЧЛ. КОР. ПРОФ. ДГН СТАНИСЛАВ ВАСИЛЕВ ВАСИЛЕВ  
**ЗА ЦЕЛИЯ ТВОРЧЕСКИ ПЕРИОД (1989-2024 г.)**  
(в хронологичен ред)

**Обобщена информация**

**Общ брой публикации – 120:**

- Публикации в международни списания - 83, в чуждестранни - 3, в български - 34;
- Публикации в списания с импакт-фактор – 94 (84 WoS + 10 Scopus);
- Категории на списанията с импакт-фактор – Q1 - 62; Q2 - 6; Q3 - 19; Q4 - 7;
- Самостоятелен и първи автор – 80 статии; втори автор - 12; трети и следващ автор - 28
- Публикации в пълен текст в сборници от конференции – 14
- Автореферати на дисертации – 2

**Брой публикации през последните 5 години (2019-2024) – 23**

- Публикации в международни списания - 19, в български – 4
- Публикации в списания с импакт-фактор – 23, в категории Q1 - 15; Q2 - 4; Q4 – 4

**Общ брой цитати – 11 636**

**Брой цитати, забелязани през последните 5 години (2019-2024) – 6128**

**Н-индекс = 40** (базиран на представения от кандидата списък с цитирания за всички 120 публикации) и **39** (на базата на 75 публикации в Scopus)

**В допълнение:**

- **36** броя публикации са включени в класацията „Топ 1-10%” (№№ 6, 17, 21, 25, 26, 32, 37, 38, 40, 46, 48, 49, 50, 51, 53, 54, 55, 58, 59, 66, 67, 71, 73, 81, 83, 84, 85, 87, 88, 89, 93, 96, 101, 110, 115, 118) на най-цитираните публикации за съответната научна област според Scopus, до 26.02.2024 г.
- **10** броя публикации (№№ 17, 67, 73, 81, 83, 84, 85, 87, 89, 93) попадат в “Списъка на най-цитираните **245** публикации, оформящи Н-индекса на БАН, до 09.10.2023 г.”

**Забележка:**

- В колона 4 е даден импакт-фактора (ИФ) на списанието за 2023 г.
- В колона 5 е даден квантила (Q) на списанието за 2023 г.

Данните за импакт факторите и квантила на списанията са взети от базата данни Web of Science (или от базата данни Scopus, ако е посочено)

№	Публикация	Q 2023	ИФ 2023	Брой цитати
1	<b>Василев С.</b> , 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	<b>Василев С.</b> 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.	Q4	0.06 (Scopus JCI)	3
3	<b>Василев С.</b> Фазово-минераложки и химичен състав на твърди отпадни продукти от български топлоелектроцентрали. <i>Автореферат на кандидатска дисертация, София, 1990, 41 с.</i>			1
4	<b>Василев С.</b> Съдържание на хлор в донбаски въглища и отпадни продукти от топлоелектроцентрали. <i>Нефтена и въглищна геология (1991)</i> , 28: 46-51.			
5	<b>Василев С.</b> , Йосифова М, Вълчева С. Минералого-петрографската характеристика на отпадъците от обогатяване на бобовдолски въглища - база за комплексна оценка с цел оползотворяването им. <i>Минно дело (1991)</i> , 2: 16-19.			
6	<b>Vassilev S.</b> Phase mineralogy studies of solid waste products from coal burning at some Bulgarian thermoelectric power plants. <i>Fuel (1992)</i> , 71: 625-633.	Q1	7.4	<b>66</b>
7	<b>Vassilev S.</b> , 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.	Q3	0.3	5
8	<b>Vassilev S.</b> 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, <b>Vassilev S.</b> 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	<b>Vassilev S.</b> 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.	Q3	0.3	3
11	<b>Vassilev S.</b> 1994. Trace elements in solid waste products from coal burning at some Bulgarian thermoelectric power stations. <i>Fuel (1994)</i> 73: 367-374	Q1	7.4	36
12	<b>Vassilev S</b> , Yossifova M, Vassileva C. Mineralogy and geochemistry of Bobov Dol coals, Bulgaria. <i>International Journal of Coal Geology (1994)</i> , 26: 185-214.	Q1	5.6	<b>66</b>
13	<b>Vassilev S</b> , 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	<b>Vassilev S.</b> 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), Livre 1 - Geologie, 84: 85-108.</i>			
15	Йосифова М, Вълчева С, <b>Василев С.</b> Петрографски, минерален и химичен състав на въглища и отпадни продукти от Централна обогатителна фабрика "Бобов дол": I. Петрографски състав. <i>Годишник на СУ (1995), кн. 1 - геология, 87: 85-101.</i>			1
16	<b>Василев С,</b> 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), кн. 1 - геология, 87: 103-123.</i>			1
17	<b>Vassilev S,</b> Kitano K, Takeda S, Tsurue T. Influence of mineral and chemical composition of coal ashes on their fusibility. <i>Fuel Processing Technology (1995), 45: 27-51.</i>	Q1	7.5	<b>360</b>
18	<b>Vassilev S,</b> 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), 25/3-4: 111-123.</i>	Q3	0.167 (Scopus IF)	40
19	<b>Vassilev S.</b> Stack emissions from coal-fired power stations: an environmental pollution with trace elements. <i>Comptes rendus de l'Academie Bulgare des Sciences (1995), 48/4: 45-47.</i>	Q3	0.3	2
20	<b>Vassilev S,</b> 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), 48/7: 51-54.</i>	Q3	0.3	1
21	<b>Vassilev S,</b> Vassileva C. Mineralogy of combustion wastes from coal-fired power stations. <i>Fuel Processing Technology (1996), 47: 261-280.</i>	Q1	7.5	<b>227</b>
22	<b>Vassilev S,</b> Kitano K, Vassileva C. Some relationships between coal rank and chemical and mineral composition. <i>Fuel (1996), 75: 1537-1542</i>	Q1	7.4	<b>107</b>
23	Vassileva B, <b>Vassilev S,</b> 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), 49/4: 59-62.</i>	Q3	0.3	5
24	<b>Vassilev S,</b> Vassileva C. Occurrence, abundance and origin of minerals in coals and coal ashes. <i>Fuel Processing Technology (1996), 48: 85-106.</i>	Q1	7.5	<b>209</b>
25	<b>Vassilev S,</b> Kitano K, Vassileva C. Relations between ash yield and chemical and mineral composition of coals. <i>Fuel (1997), 76: 3-8</i>	Q1	7.4	<b>69</b>
26	<b>Vassilev S,</b> Vassileva C. Geochemistry of coals, coal ashes and combustion wastes from coal-fired power stations. <i>Fuel Processing Technology (1997), 51: 19-45.</i>	Q1	7.5	<b>188</b>
27	<b>Vassilev S,</b> Eskenazy G, Karaivanova E. Chlorine and bromine in Bulgarian coals and their combustion wastes. <i>Comptes rendus de l'Academie Bulgare des Sciences (1997), 50/7-8: 45-48.</i>	Q3	0.3	3
28	<b>Vassilev S,</b> Vassileva C. Comparative chemical and mineral characterization of some Bulgarian coals. <i>Fuel Processing Technology (1998), 55: 55-69.</i>	Q1	7.5	33
29	Moliner R, Braekman-Danheux C, Fontana A, Suelves I, Thiemann T, <b>Vassilev S.</b> 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, <b>Vassilev S</b> , Suelves I. Coal chars doped with transition metals as low cost catalytic sorbents for NO <sub>x</sub> reduction. <i>Preprints of Symposia of the 216th ACS, Boston, USA, vol. 43, No. 4: 857-861, 1998.</i>			
31	Eskenazy G, <b>Vassilev S</b> , Karaivanova E. Chlorine and bromine in the Pirin coal deposit, Bulgaria. <i>Review of the Bulgarian Geological Society (1998), 59/2: 67-72.</i>	Q4	0.06 (Scopus JCI)	4
32	<b>Vassilev S</b> , Braekman-Danheux C, Laurent P. Characterization of refuse-derived char from municipal solid waste. 1. Phase-mineral and chemical composition. <i>Fuel Processing Technology (1999), 59: 95-134.</i>	Q1	7.5	<b>61</b>
33	<b>Vassilev S</b> , 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 (1999), 59: 135-161.</i>	Q1	7.5	<b>54</b>
34	<b>Vassilev S</b> , 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 (1999), 78: 1131-1145.</i>	Q1	7.4	<b>92</b>
35	Moliner R, Lazaro M, Suelves I, Braekman-Danheux C, <b>Vassilev S</b> . NO <sub>x</sub> 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	<b>Vassilev S</b> , Braekman-Danheux C, Moliner R, Suelves I. Characterization of coal chars impregnated with transition metals for low-cost catalytic NO <sub>x</sub> reduction. <i>Proc. 10th International Conf. Coal Sciences, , Taiyuan, Shanxi, China, vol. II: 1517-1520, 1999.</i>			
37	<b>Vassilev S</b> , Eskenazy G, Vassileva C. Contents, modes of occurrence and origin of chlorine and bromine in coal. <i>Fuel (2000), 79: 903-921.</i>	Q1	7.4	<b>130</b>
38	<b>Vassilev S</b> , Eskenazy G, Vassileva C. Contents, modes of occurrence and behaviour of chlorine and bromine in combustion wastes from coal-fired power stations. <i>Fuel (2000), 79: 923-937.</i>	Q1	7.4	<b>80</b>
39	Tascon J, <b>Vassilev S</b> . 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	<b>Vassilev S</b> , Eskenazy G, Vassileva C. Behaviour of elements and minerals during preparation and combustion of the Pernik coal, Bulgaria. <i>Fuel Processing Technology (2001), 72: 103-129.</i>	Q1	7.5	<b>132</b>
41	<b>Vassilev S</b> , 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>			18
42	Eskenazy G, <b>Vassilev S</b> . Geochemistry of chlorine and bromine in Bulgarian coals. <i>Review of the Bulgarian Geological Society (2001), 62/1-3: 37-46.</i>	Q4	0.06 (Scopus JCI)	4
43	<b>Vassilev S</b> , Braekman-Danheux C, Moliner R, Suelves I, Lazaro MJ, Thiemann T. Low cost catalytic sorbents for NO <sub>x</sub> reduction. 1. Preparation and characterization of coal char impregnated with model vanadium components and petroleum coke ash. <i>Fuel (2002), 81: 1281-1296.</i>	Q1	7.4	26

44	Vassileva C, <b>Vassilev S</b> . 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.	Q3	0.3	13
45	Vassileva C, <b>Vassilev S</b> . 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.	Q3	0.3	4
46	<b>Vassilev S</b> , Tascon J. Methods for characterization of inorganic and mineral matter in coal: a critical overview. <i>Energy and Fuels</i> (2003), 17: 271-281.	Q1	5.3	<b>155</b>
47	Lazaro MJ, Suelves I, Moliner R, <b>Vassilev S</b> , Braekman-Danheux C. Low cost catalytic sorbents for NO <sub>x</sub> reduction. 2. Tests with no reduction reactivities. <i>Fuel</i> (2003), 82: 771-782.	Q1	7.4	8
48	<b>Vassilev S</b> , Menendez R, Alvarez D, Diaz-Somoano M, Martinez-Tarazona MR. Phase-mineral and chemical composition of coal fly ashes as a basis for their multicomponent utilization. 1. Characterization of feed coals and fly ashes. <i>Fuel</i> (2003), 82: 1793-1811.	Q1	7.4	<b>229</b>
49	<b>Vassilev S</b> , 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.	Q1	7.4	<b>173</b>
50	Lazaro MJ, Galvez M, Suelves I, Moliner R, <b>Vassilev S</b> , Braekman-Danheux C. Low cost catalytic sorbents for NO <sub>x</sub> reduction. 3. NO reduction tests using NH <sub>3</sub> as reducing agent. <i>Fuel</i> (2004), 83: 875-884.	Q1	7.4	12
51	<b>Vassilev S</b> , 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.	Q1	7.4	<b>133</b>
52	Vassileva C, <b>Vassilev S</b> . 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.	Q3	0.3	3
53	<b>Vassilev S</b> , 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.	Q1	5.6	<b>140</b>
54	<b>Vassilev S</b> , 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.	Q1	5.6	<b>69</b>
55	<b>Vassilev S</b> , 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.	Q1	7.4	<b>76</b>
56	<b>Василев С</b> , 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.			1
57	Liu G, <b>Vassilev S</b> , Gao L, Zheng L, Peng Z. Mineral and chemical composition and some trace element contents in coals and coal ashes	Q1	10.4	<b>65</b>

	from Huaibei coal field, China. <i>Energy Conversion and Management</i> (2005), 46: 2001-2009.			
58	<b>Vassilev S</b> , 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.	Q1	5.3	<b>265</b>
59	Vassileva C, <b>Vassilev S</b> . 2005. Behaviour of inorganic matter during heating of Bulgarian coals. 1. Lignites. <i>Fuel Processing Technology</i> (2005), 86: 1297-1333.	Q1	7.5	<b>164</b>
60	Karayigit A, Bulut Y, Querol X, Alastuey A, <b>Vassilev S</b> . Variations in fly ash composition from the Soma power plant, Turkey. <i>Energy Sources</i> (2005), 27: 1473-1481.	Q3	2.9	11
61	<b>Василев С</b> . Минералогия и геохимия на въглища и твърди отпадни продукти от тяхното изгаряне. <i>Автореферат на докторска дисертация, София, 73 с, 2005</i> .			
62	<b>Vassilev S</b> , 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.	Q3	0.3	1
63	<b>Vassilev S</b> , 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.	Q3	0.3	1
64	<b>Василев С</b> . 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, <b>Vassilev S</b> , Vassileva C. Mass balance of major and trace elements in a coal-fired power plant. <i>Energy Sources</i> (2006), 28: 1311-1320.	Q3	2.9	19
66	Vassileva C, <b>Vassilev S</b> . Behaviour of inorganic matter during heating of Bulgarian coals. 2. Subbituminous and bituminous coals. <i>Fuel Processing Technology</i> (2006), 87: 1095-1116.	Q1	7.5	<b>123</b>
67	<b>Vassilev S</b> , 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.	Q1	7.4	<b>424</b>
68	<b>Василев С</b> . 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, <b>Vassilev S</b> , 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.	Q2	5.7	2
70	<b>Василев С</b> . Някои аспекти на ефективното и екологосъобразно третиране на твърди битови отпадъци. <i>Минно дело и геология</i> (2008), 1: 20-23.			
71	<b>Vassilev S</b> , 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.	Q1	7.4	<b>122</b>
72	<b>Vassilev S</b> , 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.	Q1	7.4	40

73	<b>Vassilev S</b> , Baxter D, Andersen L, Vassileva C. An overview of the chemical composition of biomass. <i>Fuel</i> (2010), 89: 913-933.	Q1	7.4	<b>2364</b>
74	Vassileva C, <b>Vassilev S</b> , 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.	Q3	0.3	4
75	<b>Vassilev S</b> , 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.	Q3	0.167 (Scopus IF)	35
76	<b>Vassilev S</b> , 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.	Q3	0.167 (Scopus IF)	34
77	Kostova I, Hower J, Mastalerz M, <b>Vassilev S</b> . 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.	Q2	3.4	36
78	Kostova I, Vassileva C, Hower J, Mastalerz M, <b>Vassilev S</b> , 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.	Q3	0.3	6
79	<b>Vassilev S</b> , 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, <b>Vassilev S</b> , 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>			
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