

FIŞA DE VERIFICARE

a îndeplinirii standardelor universității de prezentare la examenul de promovare în cariera didactică pe postul de **profesor universitar**

1. Studiile de doctorat

Nr. crt.	Instituția organizatoare de doctorat	Domeniul	Perioada	Nr. Diplomă / Data
1	Universitatea Petrol-Gaze din Ploiești	Mine, Petrol și Gaze	1999-2007	483/19.09.2007

2. Adeverință eliberată de compartimentul de specialitate din UPG Ploiești care dovedește vechimea minimă de 9 ani a candidatului în calitate de cadru didactic în învățământul superior în cadrul UPG Ploiești

Nr. Adev. 31104/17.12.2024

3. Îndeplinirea cerințelor standardelor minime naționale, specifice domeniului postului – se va atașa Fișa de calcul a îndeplinirii standardelor minime conform OMENCS Nr. 6129 / 20.12.2016 (Anexa 12)

Nr. crt.	Domeniul activităților	Tipul activităților	Categorii și restricții	Subcategorii	Indicatori	Punctajul realizat de candidat
1	Activitate didactică și profesională (A1)	1.1. Cărți și capitole în cărți de specialitate	1.1.1. Cărți/capitole ca autor pentru Profesor/CSI minimum 4, din care 1 prim autor, Conferențiar/CSII minimum 2	1.1.1.1. internaționale 1.1.1.2. naționale 1. Frunzescu D., Brănoiu G., 2002, Geologie generală aplicată în foraj-extracție, 220 p., Ed. UPG Ploiești, ISBN 973-8150-45-0 2. Frunzescu D., Brănoiu G., 2003, Geologie de zăcământ, vol. 1, 272 p., Ed. UPG Ploiești. ISBN 973-7965-01-9 3. Frunzescu D., Brănoiu G., 2003, Geologie de zăcământ, vol. 2, 206 p., Ed. UPG Ploiești. ISBN 973-7965-02-7 4. Frunzescu D., Brănoiu G., 2004, Monografia geologică a bazinului râului Buzău, 458 p., Ed. UPG Ploiești. ISBN 973-7965-03-5 5. Brănoiu G., 2019, General Framework of exploration-production activities in Romania, 174 p., Ed. UPG Ploiești. ISBN 978-973-719-754-2	Nr.pagini / (nr.autori) 220/(2*2)= 55 272/(2*2)= 68 206/(2*2)= 51,5 458/(2*2)= 114,5 174/(2*1)= 87,0	376

		1.1.2. Cărți/capitole ca editor/coordonator	1.1.2.1. internaționale	Nr.pagini / (3*nr.autori)	
			1.1.2.2. naționale	Nr.pagini / (3*nr.autori)	
	1.2. Suport didactic	1.2.1. Manuale, sport de curs pentru Profesor/CSI: minimum 2, din care 1 ca prim autor; pentru Conferențiar/CSII: minimum 1	1. Georgescu O., Brănoiu G., 2007, Mineralogie, 283 p., Editura UPG Ploiești. ISBN 978-973-719-208-0 2. Georgescu O., Brănoiu G., 2010, Mineralogie și petrologie, 421 p., Editura UPG Ploiești. ISBN 978-973-719-340-7 3. Brănoiu G., 2018, Mineralogie vol.1 Cristalografie, 278 p., Editura UPG Ploiești. ISBN 978-973-719-743-6	Nr.pagini/ (6*nr.autori) 283/(6*2)= 23,58 421/(6*2)= 35,08 278/(6*1)= 46,33	104,99
		1.2.2. Îndrumare de laborator/aplicații: pentru Profesor/CSI- minimum 2, din care 1 prim autor; Conferențiar/CSII- minimum 1	1. Brănoiu G., 2017, Cristalografie și Mineralogie, 365 p., Editura UPG Ploiești. ISBN 978-973-719-697-2 2. Georgescu O., Brănoiu G., 2005, Mineralogie descriptivă, 285 p., Editura UPG Ploiești. 3. Frunzescu D., Brănoiu G., 2004, Geologie generală și stratigrafică, 150 p., Editura UPG Ploiești. 4. Georgescu O., Brănoiu G., 2003, Cristalografie geometrică, 154 p., Editura UPG Ploiești.	Nr.pagini / (6*nr.autori) 365/(6*1)= 60,83 285/(6*2)= 23,75 150/(6*2)= 12,50 154/(6*2)= 12,83	109,91
	1.3. Coordonare de programe de studii, organizare și coordonare programe de formare continuă și proiecte educaționale (POS, Socrates, Leonardo, s.a)	Punctaj unic pentru fiecare activitate			

2	Activitate de cercetare (A2)	2.1. Articole în reviste cotate ISI Thomson Reuters și în volumele indexate ISI proceedings	Minimum 10 articole pentru Profesor/CS1 (28 articole ISI)	<p>1. Bondarev A., Mihai S., Katsina A.U., Cursaru D.L., Matei D., Satulu V., Gheorghe C., Brănoiu G., Somoghi R., <i>A Facile Microwave Promoted Formation of Highly Photoresponsive Au decorated TiO₂ Nanorods for Enhanced Photo degradation of Methylene Blue</i>, Nanomaterials, 2024, 14, 1780. https://doi.org/10.3390/nano1422178</p> <p>2. Portoaca, A.I.; Dinita, A.; Tanase, M.; Savulescu, A.; Sirbu, E.E.; Calin, C.; Brănoiu, G., <i>Analyzing Sustainable 3D Printing Processes: Mechanical, Thermal, and Crystallographic Insights</i>. Polymers, 2024, 16, 1364. https://doi.org/10.3390/polym16101364</p> <p>3. Calin, C., Dinita, A., Brănoiu G., Popovici D.R., Tanase, M., Sirbu E.E., Portoaca A.I., Mihai S., <i>Assessment of Environmental Impact on Glass-Fiber-Reinforced Polymer Pipes Mechanical and Thermal Properties</i>, Polymers, 2024, 16, 16, 1779. https://doi.org/10.3390/polym16131779</p> <p>4. Tănase, M.; Portoacă, A.I.; Diniță, A.; Brănoiu, G.; Zamfir, F.; Sirbu, E.E.; Călin, C., <i>Optimizing Mechanical Properties of Recycled 3D-Printed PLA Parts for Sustainable Packaging Solutions Using Experimental Analysis and Machine Learning</i>. Polymers, 2024, 16, 3268. https://doi.org/10.3390/polym16233268</p> <p>5. Suditu, S.; Dumitache, L.; Brănoiu, G.; Prundurel, A.; Ghețiu, I., <i>Carbon Capture and Storage Subsurface Study for a Natural Gas-Burning Power Plant in Oltenia, Romania</i>. Processes, 2024, 12, 1648. https://doi.org/10.3390/pr12081648</p> <p>6. Dumitache, L.N.; Suditu, S.; Ghețiu, I.; Pană, I.; Brănoiu, G.; Eparu, C. <i>Using Numerical Reservoir Simulation to Assess CO₂ Capture and Underground Storage, Case Study on a Romanian Power Plant and Its Surrounding Hydrocarbon Reservoirs</i>. Processes 2023, 11, 805. https://doi.org/10.3390/pr11030805</p> <p>7. Pană, I.; Ghețiu, I.V.; Stan, I.G.; Dinu, F.; Brănoiu, G.; Suditu, S. <i>The Use of Hydraulic Fracturing in Stimulation of the Oil and Gas Wells in Romania</i>. Sustainability 2022, 14, 5614. https://doi.org/10.3390/su14095614</p> <p>8. Usman, A.K.; Cursaru, D.L.; Brănoiu, G.; Somoghi, R.; Manta, A.M.; Matei, D.; Mihai, S., 2022, <i>A Modified Sol-Gel Synthesis of Anatase {001}-TiO₂/Au Hybrid Nanocomposites for Enhanced Photodegradation of Organic Contaminants</i>. Gels, 8, 728. https://doi.org/10.3390/gels8110728</p> <p>9. Brănoiu G., Ramadan I., Rietveld structure refinement of the stilbite crystals from Deccan traps (India) using x-ray powder diffraction data, REV.CHIM.(Bucharest), vol. 70, No. 7, 2019, p. 2379-2384. http://www.revistadechimie.ro/pdf/17%20BRANOIU%207%202019.pdf</p>	(25+20*fact or de impact) / nr.autori (25+20*4,7)/ =17	(25+20*4,7)/ =14,87	(25+20*4,7)/ =17	25+20*2,8)/ =16,20	(25+20*2,8)/ =13,50	(25+20*3,3)/ =15,16	(25+20*5)/7= 17,85	(25+20*1,755)/2=30,05
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				(25+20*3,8)/ 6=16.83
			10. Mihai S., Cursaru D.L., Matei D., Manta A.M., Somoghi R., Brănoiu G. , <i>Rutile Ru,Ti_{1-x}O₂ nanobelts to enhance visible light photocatalytic activity</i> , Scientific Reports, ISSN 2045-2322, 2019, 9, p.1-8 (DOI: 10.1038/s41598-019-55446-7), https://www.nature.com/articles/s41598-019-55446-7	
			11. Brănoiu G. , Cristescu T., Nistor I., 2018: <i>Estimation of the Combustion Temperature Profile in a Romanian Oil Field</i> , Revista de chimie (Bucharest), vol.69, no.10, p. 2669-2676, ISSN 0034-7752, http://www.revistadechimie.ro/pdf/14%20BRANOIU%2010%2018.pdf	(25+20*1,412) /3= 17,74
			12. Cursaru, D.L., Nassreddine, S., Riachi, B., Neagu, M., Mihai, S., Matei, D., Brănoiu, G. , 2018: <i>Impact of moisture on the corrosion behavior of copper and mild carbon steel in corn biodiesel</i> , Corrosion Reviews, 36 (6), pp. 559-574, ISSN 0334-6005, https://doi.org/10.1515/correv-2018-0015	(25+20*2,7)/ 7=11,285
			13. Brănoiu G. , Cristescu T., 2017, <i>On Some Chemico-Mineralogical Transformations in a Petroleum Reservoir Exploited by In-situ Combustion</i> , REV.CHIM. (Bucharest), vol. 68, no. 2, p. 311-316, ISSN 0034-7752, http://www.revistadechimie.ro/pdf/BRANOIU%20Gh%202%2017.pdf	(25+20*1,232) /2= 24,82
			14. Brănoiu G. , Frunzescu D., Stoicescu M., 2016, Application of advanced mineralogical techniques to reservoir rocks characterization for an oilfield in South-East Romania, Conference Proceedings of SGEM Vienna Green 2016, Book 1, Vol. 4, pp. 33-40, Austria, ISSN 1314-2704, DOI: 10.5593/SGEM2016/HB14/S01.005, http://www.sgem.org/sgemlib/	(25+20*0)/3= 8,33
			15. Frunzescu D., Brănoiu G. , 2016, <i>Hydrological-hydrogeological and geotechnical remarks concerning the management of the anthropomorphic saline lake of the Telega Baths (Romania)</i> , Conference Proceedings of SGEM Vienna Green 2016 , Book 3, Vol. 3, pp. 165-172, Austria, ISSN 1314-2704, DOI: 10.5593/SGEM2016/HB33/S02.021, http://www.sgem.org/sgemlib/	(25+20*0)/2= 12,5
			16. Brănoiu G. , Stoicescu M., Stoianovici D., 2016, <i>Mineralogical and petrographic characteristics of the Miocene reservoir rocks from Baicoi oil field (Carpathian Foredeep, Romania)</i> , Conference Proceedings of the 16th International Multidisciplinary Scientific Geoconference SGEM 2016, Bulgaria, Book 1, Vol. 1, pp. 405-412, ISSN 1314-2704, DOI: 10.5593/SGEM2016/B11/S01.051, http://www.sgem.org/sgemlib/	(25+20*0)/3= 8,33

			<p>17. Brănoiu G., Ciocirdel M., 2016, <i>Inference of the Cretaceous rocks lithology from Corbii Mari oil field (Moesian Platform) by mineralogical-petrographic analysis of drill cuttings</i>, Conference Proceedings of the 16th International Multidisciplinary Scientific Geoconference SGEM 2016, Bulgaria, Book 1, Vol. 1, pp. 265-272, ISSN 1314-2704, DOI: 10.5593/SGEM2016/B11/S01.034, http://www.sgem.org/sgemlib/</p> <p>18. Brănoiu G., Cristescu T., Stoicescu M., Stoica M.E., Suditu S., 2016, <i>Mineralogical monitoring of water quality using X-rays diffraction in the exploitation of a petroleum reservoir</i>, REV.CHIM.(Bucharest), vol. 68, No. 2, p. 323-328, ISSN 0034-7752, http://www.revistadechimie.ro/</p> <p>19. Brănoiu G., Cristescu T., Stoicescu M., Stoica M.E., Suditu S., 2015, <i>Mineralogical investigations by X-rays diffraction to identify the causes of blocking filters in the injection process of connate water for an oil field in Romania</i>, REV.CHIM. (Bucharest), vol. 66, No. 11, p. 1860-1863, ISSN 0034-7752, http://www.revistadechimie.ro/</p> <p>20. Brănoiu G., Sonia M., Cursaru D.L., 2015, <i>Rietveld Structure Refinement of the Stibnite Crystals from Herja (Romania) using X-ray Powder Diffraction Data</i>, REV.CHIM. (Bucharest), vol. 66, No. 6, p. 825-828, ISSN 0034-7752, http://www.revistadechimie.ro/</p> <p>21. Cursaru D.L., Brănoiu G., Ramadan I., Miculescu F., 2014, <i>Degradation of automotive materials upon exposure to sunflower biodiesel</i>, Industrial Crops and Products (Elsevier), vol. 54, p. 149-158, ISSN 0926-6690, http://www.sciencedirect.com/science/article/pii/S0926669014000399</p> <p>22. Cristescu, T., Stoica, M.E., Brănoiu, G., Negreanu-Pirjol, T., 2014, <i>Evaluation and Comparing the Carbon Dioxide Emission Coefficients of the Combustion of Gaseous and Liquid Hydrocarbons</i>, REV.CHIM.(Bucharest), 2014, vol 65, nr.7, p.856-860, ISSN 0034-7752, http://www.revistadechimie.ro/</p> <p>23. Brănoiu G.A., 2015, <i>Mineralogical and petrographic characteristics of the reservoir rocks from Calinesti-Oarja oil field (Getic Depression, Romania)</i>, Conference Proceedings of the 15th International Multidisciplinary Scientific Geoconference SGEM 2015, Bulgaria, Book 1, Vol. 1, pp. 291-298, ISSN 1314-2704; DOI: 10.5593/SGEM2015/B11/S1.037. http://www.sgem.org/sgemlib/</p>	(25+20*0,8 1)/5=8,24
			(25+20*0,8 1)/5=8,24	
			(25+20*0,8 1)/3=13,73	
			(25+20*5,6 0)/4=73,175	
			(25+20*0,8 1)/4=10,30	
			(25+20*0)/1= 25	

			<p>24. Brănoiu G.A., 2015, <i>Mineralogical and petrographic characteristics of the reservoir rocks from Independenta oil field (Predobrogean Depression, Romania)</i>, Conference Proceedings of the 15th International Multidisciplinary Scientific Geoconference SGEM 2015, Bulgaria, Book 1, Vol. 1, pp. 299-306, ISSN 1314-2704; DOI:10.5593/SGEM2015/B11/S1.038. http://www.sgem.org/sgemlib/</p> <p>25. Brănoiu G.A., Cristescu T., 2013, <i>The Rietveld structure refinement of the wollastonite-2M crystals from Baita Bihor deposit (Romania) using X-ray powder diffraction data</i>, Conference Proceedings of the 13th International Multidisciplinary Scientific Geoconference SGEM 2013, Bulgaria, Vol. 1, pp. 217-224, ISSN 1314-2704; DOI:10.5593/SGEM2013/BA1.V1/S01.030. http://sgem.org/sgemlib/</p> <p>26. Ciocirlă M., Brănoiu G.A., 2013, <i>The Rietveld structure refinement of the epidote crystals from Bucegi conglomerates (Romania) using X-ray powder diffraction data</i>, Conference Proceedings of the 13th International Multidisciplinary Scientific Geoconference SGEM 2013, Bulgaria, vol. 1, pp. 209-216, ISSN 1314-2704; DOI:10.5593/SGEM2013/BA1.V1/S01.029. http://sgem.org/sgemlib/</p> <p>27. Brănoiu G.A., 2012, <i>Rietveld structure refinement of the barite crystals from Somova (Romania) using X-ray powder diffraction data</i>, Conference Proceedings of the 12th International Multidisciplinary Scientific Geoconference SGEM 2012, vol. 1, p. 357-362, Bulgaria, ISSN 1314-2704; DOI:10.5593/SGEM2012/S01.V10.42, http://sgem.org/sgemlib/</p> <p>28. Brănoiu G.A., 2012, <i>Rietveld structure refinement of the selenite gypsum from Valea Rea (Romania) using X-ray powder diffraction data</i>, Conference Proceedings of the 12th International Multidisciplinary Scientific Geoconference SGEM 2012, vol. 1, p. 363-368, Bulgaria, ISSN 1314-2704; DOI:10.5593/SGEM2012/S01.V10.4, http://sgem.org/SGEMLIB/</p>	(25+20*0)/1=25	
		Minimum 6 articole pentru Conferențiar/CSII		(25+20*fact or de impact) /nr.autori	

		<p>2.2. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale</p>	<p>Minimum 20 articole pentru Profesor /25 articole pentru CSI (60 articole BDI)</p>	<p>1. Frunzescu D., Brănoiu G., Lungu I., <i>Analysis of the causes of circulation loss in the Lower Cretaceous deposits during the horizontal drilling undercrossing the Danube River (Giurgiu-Ruse section)</i>, Romanian Journal of Petroleum & Gas Technology, vol.3, No.2/2022, 77-90</p> <p>2. Brănoiu G., Dinu F., Stoicescu M., Ghetiu I., Stoianovici D., 2021, <i>Half a century of continuous oil production by in-situ combustion in Romania – case study Suplacu de Barcau field</i>, MATEC Web of Conferences, Vol. 343, 09009 (2021), 10th International Conference – MSE 2021. (SCOPUS) DOI: 10.1051/matecconf/202134309009</p> <p>3. Brănoiu G., Lazar A., Ghetiu, I., Suditu, S., Pelin, S., <i>Deciphering the Reservoir Rocks Lithology by Mineralogical Investigations Techniques for an Oilfield in South-West Romania</i>, MATEC Web of Conferences; Vol. 343, 09013 (2021). 10th International Conference – MSE 2021. (SCOPUS) DOI: 10.1051/matecconf/202134309013</p> <p>4. Brănoiu G., Ceclarov A., Cursaru D., Mihai S., <i>Celestine from Valea Sarii (Vrancea region): New Data and Crystal Structure Refinement</i>, REV.CHIM. (Bucharest), 71 (8), 2020, 72-79 (SCOPUS)</p> <p>5. Brănoiu G., Dinu F., Stoica M.E., Suditu S., Ramadan I., <i>About the Chemico-Mineralogical Characteristics of the Rocks from a Natural Gas Deposit in North-Western Romania</i>, REV.CHIM., 71 (9), 2020, 251-259 (SCOPUS)</p> <p>6. Brănoiu G., Frunzescu D., Nistor I., Goideciu N.M., Lungu I.A., <i>On some chemico-mineralogical characteristics of the reservoir rocks in the Moreni oil field (Carpathian Foredeep, Romania)</i>, Proceedings of the 19th International Conference SGEM 2019, vol. 19, iss. 1.1, pp. 391-398, 2019 (SCOPUS)</p> <p>7. Frunzescu D., Brănoiu G., Georgescu (Jugastranu) C., Lungu I.A., <i>Advanced techniques for determining parameters of interest in the shale gas exploration</i>, Proceedings of the 19th International Conference SGEM 2019, vol. 19, iss. 1.2, pp. 615-626, 2019 (SCOPUS)</p> <p>8. Goideciu N.M., Marinescu C.M., Cristescu T., Brănoiu G., <i>The play of reservoir characterization in the field development plan – case study on the oil field (Romania)</i>, Proceedings of the 19th International Conference SGEM 2019, vol. 19, iss. 1.1, pp. 655-662, 2019 (SCOPUS)</p> <p>9. Frunzescu D., Brănoiu G., Lungu I.A., <i>Shale gas exploitation in the vision of different features within Europe (Romania) vs United States</i>, Proceedings of GEOLINKS International Conference 2019, Athens, Greece, vol.1, pp. 155-163 (CROSSREF)</p> <p>10. Goideciu N.M., Cristescu T., Brănoiu G., Marinescu C.M., Badica M.N., <i>The role of 3D seismic interpretation for building structural model – case study in the Muntenia oil field (Romania)</i>, Proceedings of GEOLINKS International Conference 2019, Athens, Greece, vol.1, pp. 97-103 (CROSSREF)</p>	<p>25/nr.autori 25/3=8,33</p> <p>25/5=5</p> <p>25/5=5</p> <p>25/4=6,25</p> <p>25/5=5</p> <p>25/5=5</p> <p>25/4=6,25</p> <p>25/4=6,25</p> <p>25/3=8,33</p> <p>25/5=5</p>	540,78
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			<p>11. Lungu I.A., Frunzescu D., Dinu F., Brănoiu G., Jugastreanu C., <i>Some aspects regarding the underground storage of natural gas in saline deposits</i>, Proceedings of GEOLINKS International Conference 2019, Athens, Greece, book 1, vol.1, pp. 193-199 (CROSSREF)</p> <p>12. Brănoiu G., Frunzescu D., Nistor I., Jugastreanu C., Lungu I.A., <i>Is there a future for oil and gas exploration in Romania ?</i>, Proceedings of GEOLINKS International Conference 2019, Athens, Greece, book 1, vol.1, pp. 183-191 (CROSSREF)</p> <p>13. Brănoiu G., Ciociridă M., Frunzescu D., <i>Petrographic details in the metaclasts of a debritic facies of the Podu-Secu formation in the Tarcău Unit of the Eastern Carpathians (Siriu Dam Area)</i>, Bul. UPG Ploiești, vol. 71, no. 1, pp. 48-58, 2019</p> <p>14. Suditu S., Stoica M.E., Brănoiu G., Cristescu T., Badica M., <i>LPG – A viable fuel alternative</i>, Bul. UPG Ploiești, vol. 71, no. 2, pp. 55-62, 2019 (EBSCO)</p> <p>15. Brănoiu G., Cursaru D., Mihai S., Ramadan I., <i>Rietveld Structure Refinement of the Apophyllite Crystals from Deccan Basalt Plateau Using X-ray Powder Diffraction Data</i>, REV.CHIM.(Bucharest), Vol. 70, No 12/2019, p. 4248-4254 (SCOPUS)</p> <p>16. Brănoiu, G., 2018: <i>Deciphering the reservoir rocks lithology by mineralogical investigations techniques for an oilfield in Eastern Getic Depression (Romania)</i>, Proceedings of the 18th International Scientific Conference SGEM 2018, Vol. 18, Issue 1.1, p. 67-74, Albena, Bulgaria, ISSN 1314-2704, (SCOPUS) DOI:10.5593/sgem2018/1.1/S01.009</p> <p>17. Brănoiu G., Frunzescu D., Ciociridă M., 2018, <i>Petrographic Study of the Detrital Rocks Lithoclasts in the Eocene Paraconglomerates of the Podu-Secu Formation in the Tarcău Unit of the Eastern Carpathians (Siriu Dam Area)</i>, Bul. UPG Ploiești, vol. LXX, Seria Tehnică, nr. 1/2018, p. 1-10, ISSN 1224-8495 (EBSCO)</p> <p>18. Frunzescu D., Brănoiu G., Ciociridă M., 2018, <i>Petrographic Study of Limestone Lithoclasts in the Paraconglomeratic Eocene facies of the Podu Secu Formation in the Tarcău Unit of the Eastern Carpathians (Upper Part of the Buzău Valley)</i>, Bul. UPG Ploiești, vol. LXX, Seria Tehnică, nr. 1/2018, p. 17-28, ISSN 1224-8495 (EBSCO).</p> <p>19. Ciociridă M., Frunzescu D., Brănoiu G., 2018, <i>Petrographic Study of the Magmatic Rocks Lithoclasts Belonging to the Eocene Paraconglomerate Facies of the Podu Secu Formation in the Tarcău Unit of the Eastern Carpathians (Buzău Valley)</i>, Bul. UPG Ploiești, vol. LXX, Seria Tehnică, nr. 2/2018, p. 63-71, ISSN 1224-8495 (EBSCO)</p> <p>20. Barbu, I.E., Brănoiu, G., 2018: <i>Depositional systems for the sedimentary deposits from the Lighidia perimeter, Bozovici, Caraș-Severin county</i>, Romanian Journal of Mineral Deposits, vol. 91, nr. 1-2, p. 55-60, ISSN 1220-5648, (ZENODO), DOI: 10.5281/zenodo.4038986</p>	25/5=5 25/5=5 25/3=8,33 25/5=5 25/4=6,25 25/1=25 25/3=8,33 25/3=8,33 25/3=8,33 25/2=12,5
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33.	Brănoiu G. , Ciocîrdel M., Georgescu O., 2010, <i>Study of metamorphosed granitoidic rocks from eastern part of Corbu phyllites unit from Valea Satului (Almăj Mountains)</i> , Bul. UPG Ploiești, vol. LXII, Seria Tehnica, Nr. 3B/2010, p. 247-258, ISSN 1224-8495. (EBSCO)	25/3=8,33	
34.	Brănoiu G. , Georgescu O., Frunzescu D., 2010, <i>Mineralogical-petrographical study of the clayey matrix in the gravels from Nedelea gravel pit</i> , Bul. UPG Ploiești, vol. LXII, Seria Tehnica, Nr. 3B/2010, p. 206-212, ISSN 1224-8495. (EBSCO)	25/3=8,33	
35.	Iamandei E., Iamandei S., Frunzescu D., Brănoiu G. , 2010: <i>Tertiary lignoflora in Carpathian Curvature</i> , POSTER, Geologica Balcanica (ISSN 0324-0894), XIX Congress of the Carpathian-Balkan Geological Assoc. Thessaloniki, Greece. (SCOPUS)	25/4=6,25	
36.	Frunzescu D., Cehlarov A., Brănoiu G. , 2009, <i>Remarks on the composition of the conglomerates olistolithes within Badenian Salt Breccia from Badila, Buzău Valley</i> , Bul. UPG Ploiești, vol. LXI, Seria Tehnica, Nr. 4/2009, p. 48-58, ISSN 1224-8495. (EBSCO)	25/3=8,33	
37.	Mocanu B.I., Naum N., Lungu C.P., Georgescu O., Brănoiu G. , 2009, <i>The immature crystallized substances influence concerning the features and properties of the volcanic zeolitic tuffs</i> , Proceedings of the Romanian Academy Bulletin, Series B: Chemistry, Geosciences, vol. 11, Nr. 1/2009, p. 53-57, ISSN 1454-8267 (GENAMICS)	25/5=5	
38.	Brănoiu G. , Ciocîrdel M., Georgescu O., Frunzescu D., 2008: <i>Contributions to study of the magnesian minerals in Iuți-Tișovița-Plaviševița ophiolitic complex from Almăj Mountains (Southern Carpathians – Romania)</i> , Annual of University of Mining and Geology “St. Ivan Rilski” Sofia (Bulgaria), part I: Geology and Geophysics, vol. 51, p. 84-90, ISSN 1312-1820, DOI: 10.5281/zenodo.7868549 (ZENODO)	25/4=6,25	
39.	Ciocîrdel M., Brănoiu G. , 2008, <i>Mineralogical-petrographical observations on metamorphic transformations in the gabbroids from transitional zone of the Iuți-Tișovița-Plaviševița ophiolitic complex</i> , Bul. UPG Ploiești, vol. LX, Seria Tehnica, Nr. 4A/2008, p. 273-278. ISSN 1224-8495 (EBSCO)	25/2=12,5	
40.	Georgescu O., Frunzescu D., Brănoiu G. , 2008, <i>Geotechnical investigations on the landslide which affected gases well 2 Prod (Transylvanian Basin)</i> , Bul. UPG Ploiești, vol. 60, Ser.Th, Nr. 4A/2008, p. 227-233. ISSN 1224-8495 (EBSCO)	25/3=8,33	
41.	Frunzescu D., Georgescu O., Brănoiu G. , 2006, <i>Preliminary sedimentological-petrophysical consideration on the geotechnical potential of the „Plaiul Păduchiosu” land</i> , Bul. UPG Ploiești, vol. LVIII, Seria Tehnica, nr. 4/2006, p. 31-36. ISSN 1224-8495 (EBSCO)	25/3=8,33	

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44.	Frunzescu D., Brănoiu G. , Preda I., Radu L., Preda B., 2005, <i>Studiul sedimentologic al menititelor Formațiunii de Starchiojd din Miocenul Unității de Tarcău de la Mlăjet (Valea Buzăului)</i> , Bul. UPG Ploiești, vol. LVII, Seria Tehnică, nr. 3, p. 20-30. ISSN 1221-9371	25/5=5		
45.	Frunzescu D., Brănoiu G. , Preda I., Radu L., Preda B., 2005, <i>Considerații genetice asupra menititelor Formațiunii de Starchiojd din Miocenul Unității de Tarcău de la Mlăjet (Valea Buzăului)</i> , Bul. UPG Ploiești, vol. LVII, Seria Tehnică, nr. 3, p. 31-42. ISSN 1221-9371	25/5=5		
46.	Georgescu O., Frunzescu D., Vasiliu V.E., Brănoiu G. , 2005, <i>Estimarea gradului de risc geomorfologic și geotehnic al alunecărilor de teren din zona Păcureți-Matița-Podeni Noi</i> , Bul. UPG Ploiești, vol. LVII, Ser. Tehnică, nr.3, p.6-13. ISSN 1221-9371	25/4=6,25		
47.	Brănoiu G. , 2005, <i>Asupra transformărilor mineralogice determinate de procesul de combustie subterană în rocile zăcământului Suplacu de Barcău</i> , Bul. UPG Ploiești, vol. LVII, Seria Tehnică, nr. 2, p. 33-43. ISSN 1221-9371	25/1=25		
48.	Frunzescu D., Brănoiu G. , 2004, <i>Nomenclatura geologică inspirată din fondul toponimic al județului Prahova – formațiuni miocene</i> , Bul. UPG Ploiești, vol.LVI, Seria Tehnică, nr. 4, p. 29-39. ISSN 1221-9371	25/2=12,5		
49.	Frunzescu D., Brănoiu G. , Radu Lorena, Maxim P., 2004, <i>Considerații sedimentologice asupra stratelor de Podu Secu din unitatea de Tarcău a Carpaților Orientali în zona barajului Siriu</i> , Bul. UPG Ploiești, vol. 56, Seria Tehn., nr. 4, p. 40-54. ISSN 1221-9371	25/4=6,25		
50.	Frunzescu D., Brănoiu G. , 2004, <i>Nomenclatura geologică inspirată din fondul toponimic al județului Prahova - formațiuni paleogen-miocene</i> , Bul.UPG Ploiești, vol.56, nr.2,Teh, p.54-58. ISSN 1221-9371	25/2=12,5		
51.	Frunzescu D., Georgescu O., Brănoiu G. , 2004, <i>On the silica diagenesis processes of the coal debris from Miocene formation from Prahova County</i> , Bul. UPG Ploiești, vol. LVI, Seria Tehnică, nr. 1, p. 1-14. ISSN 1221-9371	25/3=8,33		
52.	Frunzescu D., Brănoiu G. , 2003, <i>Nomenclatura geologică inspirată din fondul toponimic al județului Prahova – formațiuni cretaceice</i> , Bul. UPG Ploiești, vol. LV, Seria Tehnică, nr. 3, p. 98-108. ISSN 1221-9371	25/2=12,5		
53.	Frunzescu D., Brănoiu G. , 2003, <i>Diagnoza ambianțelor sedimentare evaporitice miocene pe baza structurilor sedimentare specifice</i> , Bul. UPG Ploiești, vol. LV, Seria Tehnică, nr. 3, p. 88-97. ISSN 1221-9371	25/2=12,5		

			<p>54. Frunzescu D., Brănoiu G., 2003, <i>Structuri de bioturbație în cadrul depozitelor turbiditice din fâșul est carpatic de vîrstă Paleocen-Eocen, Siriu – Valea Buzăului</i>, Bul. UPG Ploiești, vol. LV, Seria Tehnică, nr. 1, p. 86-99. ISSN 1221-9371</p> <p>55. Brănoiu G., Frunzescu D., 2003, <i>Ipostaze ale unor procese de curgere gravitațională întâlnite în fâșul est carpatic de vîrstă Paleocen-Eocen, Siriu – Valea Buzăului</i>, Bul. UPG Ploiești, vol. LV, Seria Tehnică, nr. 1, p. 75–85. ISSN 1221-9371</p> <p>56. Frunzescu D., Georgescu O., Vasiliu V.E., Brănoiu G.A., Dinu F., 2001, <i>Fenomene geomorfologice actuale în perimetru aferent zăcământului de hidrocarburi Predeal Sărari din raza de activitate a S.P. Berca</i>, Bul. UPG Ploiești, vol. LIII, Seria Tehnică, nr. 1-2, p. 96-100. ISSN 1221-9371</p> <p>57. Frunzescu D., Georgescu O., Vasiliu V.E., Brănoiu G.A., Dinu F., 2001, <i>Fenomene geomorfologice actuale în perimetru aferent zăcământului de hidrocarburi Plopeasa din raza de activitate a S.P. Berca</i>, Bul. UPG Ploiești, vol. LIII, Seria Tehnică, nr. 1-2, p. 92-95. ISSN 1221-9371</p> <p>58. Brănoiu G.A., 2000, <i>Studiul influenței compozitiei mineralogice asupra capacitatii de udare</i>, Bul. UPG Ploiești, vol. LII, nr. 4, p. 82-94. ISSN 1221-9371</p> <p>59. Batistatu M.V., Brănoiu G.A., 1998, <i>Studiul electrofaciesurilor formațiunilor oligocene de mare adâncime din zona cutelor diapire</i>, Bul. UPG Ploiești, vol. XLVII-L (1995–1998), nr. 5, p. 119-124. ISSN 0376-4156</p> <p>60. Georgescu O., Frunzescu D., Vasiliu V.E., Brănoiu G., 1998, <i>Alunecări de teren naturale din perimetru petrolier Geamăna Nord</i>, Bul. UPG Ploiești, vol. XLVII-L, nr. 5, p. 101-110. ISSN 0376-4156</p>	25/2=12,5 25/2=12,5 25/5=5 25/5=5 25/1=25 25/2=12,5 25/4=6,25	
		Minimum 10 pentru Conferențiar/CSII		20/nr.autori	
2.3. Proprietate intelectuală, brevete de invenție		2.3.1. internaționale		35/nr.autori	
		2.3.2. naționale		25/nr.autori	
2.4. Granturi/proiecte câștigate prin competiție	2.4.1. Director responsabil-minimum 2 pentru Profesor/CSI; minimum 1 pentru Conferențiar/CSII	<p>2.4.1.1. internaționale</p> <p>1. Grant EEA 2024/388116: Geothermal hybrid energy project communication activities, durata 10 luni, valoare 16670 EUR</p> <p>2. Grant EEA 2019/107379: Hybrid system for energetic efficiency using geothermal energy, applied in UPG campus in Ploiești, durata 24 luni (2022-2024), valoare 1.595.000 EUR</p> <p>3. Contract 4492/2017: X-Ray diffraction investigations on cores, durata 24 luni, Beneficiar OMV PETROM S.A., valoare 33000 EUR</p>	<p>30* ani de desfășurare</p> <p>30*1=30</p> <p>30*2=60</p> <p>30*2=60</p>	150	

			1.4.1.2. naționale	15* ani de desfășurare 15*2=30	90
			1. Contract 4996/2019: X-Ray Diffraction investigations on rock samples from cores, durata 24 luni, Beneficiar OMV-PETROM, valoare 40000 EUR	15*2=30	
			2. Contract 1142/2019: Cercetari mineralogice prin difracție de raze X pe probe/carote, durata 24 luni, Beneficiar Amromco Energy, valoare 34000	15*2=30	
			3. Contract 7163/2016: Investigatii XRD pe probe de carote in scopul stabilirii compozitiei mineralogice globale a acestora, Beneficiar OMV PETROM S.A., valoare 25000 EUR	15*1=15	
			4. Contract 4147/2011: X-rays diffraction investigations on cores, Beneficiar OMV-PETROM S.A., valoare 25000 EUR	15*1=15	
	2.4.2. Membru echipă	în	2.4.2.1. internaționale	10* ani de desfășurare	
			2.4.2.1. naționale	5* ani de desfășurare 5*1=5	45
			1. Grant INFOSOC UPG 95/2002: Simulator pentru antrenarea în prevenirea și combaterea manifestărilor eruptive la sondele de petrol și gaze. Beneficiar MEC – ANCS	5*1=5	
			2. Contract 34C/2005: Studiu vizând evaluarea potențialului de hidrocarburi al principalelor bazine de sedimentare din România. Beneficiar: Ministerul Educației și Cercetării	5*1=5	
			3. Contract 745/2006 – etapa 4 (2007) + etapa 5 (2008): Căi și posibilități pentru reducerea consumului de energie la forarea sondelor de petrol și gaze; Beneficiar Ministerul Educației și Cercetării/ANCS – MENER	5*1=5	
			4. Contract 63/38/2008: Sistem de modelare a operațiilor de punere în producție și de reparatii la sondele de petrol și gaze, Beneficiar Ministerul Economiei	5*1=5	
			5. Contract 27/99001738/2014: Analize prin difracție de raze X pe probe de carote, durata 24 luni, Beneficiar: OMV PETROM SA, valoare 87000 EUR	5*2=10	
			6. Contract 6/2012: Cercetari de santier privind posibilitati mecanice de control si reducere a afluxului de impuritati solide la curgerea gazelor prin zacaminte deplete. Beneficiar ROMGAZ SA Medias - sucursala Tg. Mures, valoare 61000 EUR	5*1=5	
			7. Contract 50/2010: Asupra posibilităților de reluare a exploatarii din zăcăminte abandonate. Beneficiar OMV-PETROM S.A., valoare 150000 EUR	5*1=5	
			8. Contract 31/2008: Evaluarea saturatiei în tîtei și a potențialului forajului orizontal în zăcămintele mature: studii de caz; Beneficiar OMV-PETROM S.A., valoare 140000 EUR	5*1=5	

	2.5. Proiecte de cercetare/consultanță (valoare minim 5000 Euro echivalent)	2.5.1. Responsabil	<ol style="list-style-type: none"> 1. Contract 3447/2024, Investigații mineralogice prin difracție de raze X pe probe de materiale de construcție, beneficiar DVI Production SRL 2. Contract 797/2023, Investigații mineralogices prin difracție cu raze X pe probe de roci/carote, beneficiar Newpark Drilling Fluids 3. Contract 10090-2022, Investigații mineralogices prin difracție de raze X pe probe de materiale de construcție, beneficiar SOCERAM 4. Contract 3889-2022, Investigații mineralogices prin difracție de raze X pe probe de materiale de construcție, Beneficiar CELCO SA 5. Contract 1894/2021, Investigații mineralogices prin difracție de raze X pe probe de materiale de construcție, beneficiar SOCERAM 6. Contract 4015/2021, Investigații mineralogices prin difracție cu raze X pe probe de roci/carote, beneficiar Black Oil and Gas SA 7. Contract 9319/2021, Investigații mineralogices prin difracție cu raze X pe probe de roci/carote, beneficiar Newpark Drilling Fluids 8. Contract 10551/2020: Cercetari mineralogices prin difractie de raze X pe materiale solide, Beneficiar CELCO SA 9. Contract 8678/2019: Cercetari mineralogices prin difracție de raze X pe materiale solide, Beneficiar Xella RO SRL 10. Contract 5164/2016: Cercetari mineralogices prin difractie de raze X pe materiale solide, Beneficiar ELECTROCARBON SA Slatina 11. Contract 16 AD/2013: Analize difracție de raze X pe probe de zgura Waelz. Beneficiar: SOMETRA S.A. Copșa Mica 12. Contract 8451620556/2013: Analize difracție raze X pe carote. Beneficiar: OMV PETROM S.A. 13. Contract 8451597056/2012: Analize difracție de raze X pe carote. Beneficiar: OMV PETROM 14. Contract C-12-461/2012: Analize mineralogices prin difracție de raze X pentru stabilirea tipului de rocă și compozitiei mineralogices / granulometrice. Beneficiar: AVA Eastern Europe DF&S SRL 15. Contract PSFS/9119/2011: Analiza mineralogica prin difracție de raze X sonda 540. Beneficiar: PETROFAC 16. Contract PSFS/8035/2011: Analiza mineralogica prin difracție de raze X. Beneficiar: PETROFAC 	8* ani de desfășurare	
	2.5.2. Membru în echipă (sunt luate în considerare numai proiectele în care a fost pontat)		<ol style="list-style-type: none"> 1. Contract 9916/2021: Determinari fizico-mecanice și analize chimice pe probe de carota extrase din sondele 13E și 14E, benef. TACROM DRILLING SRL 2. Contract 6/2016: Analiza mineralogică prin difracție cu raze X a unor probe de materiale de construcție. Benef. Xella RO SRL 3. Contract 5/2015: Cercetari prin difracție de raze X pe probe/carote pentru stabilirea compozitiei mineralogice, Beneficiar: ANVERGO SRL Targu Mures 	6* ani de desfășurare 15*6*1=90	90

			<p>4. Contract 3/2015: Cercetari/analize difractometrice cu raze X pe carote, Beneficiar PETROFAC SRL</p> <p>5. Contract 56/2009: "Studiul curgerii fluidelor prin duzele fixe sau reglabile în scopul cresterii preciziei de calcul a producției sondelor de gaze", Beneficiar ROMGAZ SA - sucursala Ploiești</p> <p>6. Contract 57/2006: Comportarea în exploatare a sondelor de gaze de pe structura Românești în perspectiva utilizării compresorului de câmp; Beneficiar ROMGAZ SA Mediaș</p> <p>7. Contract 19/2004: Studiu privind modernizarea standului de testare a pompelor elicoidale din dotarea S.N.P. PETROM S.A. București, Beneficiar: S.N.P. PETROM S.A.</p> <p>8. Contract 18/2004: Studiul privind influența parametrilor geometrici și cinematici ai pompelor elicoidale asupra regimului de funcționare în condiții reale de lucru. Beneficiar: S.N.P. PETROM S.A.</p> <p>9. Contract 17/2004: Cercetări privind gradul de afectare a caracteristicilor formațiunii productive la traversarea prin foraje și în fazele de completare a sondelor de petrol și gaze. Beneficiar: S.N.P. PETROM S.A.</p> <p>10. Contract 12/2003: Modul de simulare pentru antrenarea interactivă în prevenirea și combaterea manifestărilor eruptive la sondele de extracție. Beneficiar: S.N.P. PETROM S.A.</p> <p>11. Contract 11/2003: Studiul influenței curburii din sondele cu inclinări mari și orizontale asupra coloanelor de tubare și a garniturii de țevi de extracție. Beneficiar: S.N.P. PETROM S.A.</p> <p>12. Contract 21/2002: Studiul privind posibilitățile de înmagazinare a gazelor subterane în zăcăminte deplete – partea a III-a. Beneficiar: S.N.G.N. ROMGAZ S.A. Mediaș – Sucursala Ploiești.</p> <p>13. Contract 19/2002: Condițiile de solicitare ale coloanelor de tubare în sondele dirijate și orizontale. Beneficiar: S.N.P. PETROM S.A.</p> <p>14. Contract 18/2002: Determinarea erorilor metodelor de calcul ale traiectoriei sondelor dirijate. Beneficiar: S.N.P. PETROM S.A.</p> <p>15. Contract 14/1997: Studiul geomorfologic al zonei limitrofe localităților Păcureni-Matița-Podenii Noi, cu privire specială asupra alunecărilor de teren care afectează instalațiile petroliere din zonă. Beneficiar: SNP PETROM SA</p>	
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3	Recunoașterea și impactul activității (A3)	3.1. Citări în reviste ISI și BDI	<p>3.1.1. ISI</p> <p>Articolul ISI citat:</p> <p>Cursaru D.L., Branouiu G., Ramadan I., Miculescu F., 2014, Degradation of automotive materials upon exposure to sunflower biodiesel, Industrial Crops and Products (Elsevier), vol. 54, p. 149-158, ISSN 0926-6690, http://www.sciencedirect.com/science/article/pii/S0926669014000399</p> <p>Articolul în care apare citarea (ISI):</p> <ol style="list-style-type: none"> 1. Meira M. et al, 2014, Oxidative degradation and corrosiveness of biodiesel, Corrosion Reviews. Volume 32, Issue 3-4, p. 143–161, ISSN (Online) 2191-0316, ISSN (Print) 0334-6005, DOI: 10.1515/corrrev-2014-0011. http://www.degruyter.com/view/i/corrrev.2014.32.issue-3-4/corrrev-2014-0011/corrrev-2014-0011.xml 2. Akhabue C.E., Aisien A.F.A., Ojoa C.O., 2014, The effect of Jatropha oil biodiesel on the corrosion rates of aluminium and mild carbon steel, Biofuels, Volume 5, Issue 5, p. 545-550. DOI:10.1080/17597269.2014.1002995, http://www.tandfonline.com/doi/abs/10.1080/17597269.2014.1002995 3. Mat R., Wan Nor Yuhaid, W.N.A., Kamaruddi, M.J. & Hassan O. (2014). Storage Stability and Corrosive Character of Palm Biodiesel. <i>Journal of Advanced Research in Fluid Mechanics and Thermal Sciences</i>, 2(1), 8–12. Retrieved from https://www.akademiabaru.com/submit/index.php/armts/article/view/2015 4. Thangavelu S.K., Piraiarasi C., Ani F.N., 2015, Corrosion Behaviour of Carbon Steel in Biodiesel–Diesel–Ethanol (BDE) Fuel Blend, 4th International Conference on Engineering and Innovative Materials (ICEIM 2015), MATEC Web of Conferences, 27 (2015) 01011, http://www.matec-conferences.org/articles/matecconf/abs/2015/08/matecconf_iceim2015_01011/matecconf_iceim2015_01011.html 5. Thangavelu S.K., Piraiarasi C., Ahmed A.S., Ani F.N., 2015, Corrosion Behavior of Copper in Biodiesel-Diesel-Bioethanol (BDE), Advanced Materials Research, Vol. 1098, pp. 44-50, DOI:10.4028/www.scientific.net/AMR.1098.44; http://www.scientific.net/AMR.1098.44 6. Jin D., Zhou X., Wu P., Jiang L., Ge H., 2015, Corrosion behavior of ASTM 1045 mild steel in palm biodiesel, <i>Renewable Energy</i>, Volume 81, p. 457-463, DOI:10.1016/J.RENENE.2015.03.022. http://www.sciencedirect.com/science/article/pii/S0960148115002049 7. Thangavelu SK, Ahmed AS, Ani FN, 2016, Impact of metals on corrosive behavior of biodiesel–diesel–ethanol (BDE) alternative fuel, <i>Renewable Energy</i>, Volume 94, p. 1–920, Elsevier, http://www.sciencedirect.com/science/article/pii/S0960148116301999 	8/nr.autori articol citat 84*8/4=168
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			<p>Articolul BDI citat: Brănoiu G., Frunzescu D., Nistor I., Jugăsteanu (Georgescu) C., Lungu I.A., Is there a future for oil and gas exploration in Romania ?, Proceedings of GEOLINKS International Conference on Geosciences 2019, Athens, Greece, vol.1, pp. 183-191, https://www.geolinks.info/library/is-there-a-future-for-oil-and-gas-exploration-in-romania%3F</p> <p>Articolul în care apare citarea (BDI):</p> <ol style="list-style-type: none"> Niță V, Nenciu M, Coatu V., Suitability and Sensitivity of Golden Grey Mullet Chelon auratus (Risso, 1810) as a Reference Fish Species for Ecotoxicity Tests in the Black Sea. Toxics. 2022; 10(5):222. https://doi.org/10.3390/toxics10050222. Bisinicu, E.; Harcota, G.; Coatu, V.; Lazar, L., Validating an In-House Method for Assessing Effluent Discharge Toxicity Using Acartia tonsa in the Black Sea. Appl. Sci. 2024, 14, 9861. https://doi.org/10.3390/app14219861 <p>Articolul BDI citat:</p> <p>Ciociridă M., Brănoiu G., 2008, Mineralogical-petrographical observations on metamorphic transformations in the gabbroids from transitional zone of the Iuti-Tișovița-Plavișevița ophiolitic complex, Buletinul UPG Ploiești, vol. 60, Nr. 4A/2008, p. 273-278. ISSN 1224-8495, http://connection.ebscohost.com/articles/42308175/</p> <p>Articolul în care apare citarea (BDI):</p> <ol style="list-style-type: none"> Bolormaa, C., Oyunsetseg, D., & Bolormaa, O. (2022). Hydrogeochemical study of hot springs in western region of Mongolia. Bulletin of the Institute of Chemistry and Chemical Technology, 10(10), 24–33. https://doi.org/10.5564/bicct.v10i10.1812 	2*4/5=1.60
			<p>Articolul BDI citat: Ciociridă M., Brănoiu G., 2008, Mineralogical-petrographical observations on metamorphic transformations in the gabbroids from transitional zone of the Iuti-Tișovița-Plavișevița ophiolitic complex, Buletinul UPG Ploiești, vol. 60, Nr. 4A/2008, p. 273-278. ISSN 1224-8495, http://connection.ebscohost.com/articles/42308175/</p> <p>Articolul în care apare citarea (BDI):</p> <ol style="list-style-type: none"> Bolormaa, C., Oyunsetseg, D., & Bolormaa, O. (2022). Hydrogeochemical study of hot springs in western region of Mongolia. Bulletin of the Institute of Chemistry and Chemical Technology, 10(10), 24–33. https://doi.org/10.5564/bicct.v10i10.1812 	1*4/2=2

			<p>CITARI CARTI PUBLICATE:</p> <p>Cartea citata:</p> <p>Frunzescu D., Brănoiu G., 2004, Monografia geologică a bazinului raului Buzău, Editura Universitatii Petrol-Gaze din Ploiesti.</p> <p>Articole, Carti, Teze doctorat in care apare citarea:</p> <ol style="list-style-type: none"> 1. Florică, Ş.; Lupulescu, A.-I.; Dicu, T.; Tenter, A.C.; Moldovan, M.-C.; Dobrei, G.-C.; Copaci, L.; Cucoş, A. Radon Concentration Assessment in Urban Romanian Buildings: A Multistory Analysis. Atmosphere 2024, 15, 1267. https://doi.org/10.3390/atmos15111267 2. Pastor, I. et al., Morphometric Analysis and Prioritization of Sub-Watersheds Located in Heterogeneous Geographical Units—Case Study: The Buzău River Basin. Sustainability 2024, 16, 7567. https://doi.org/10.3390/su16177567 3. Ilie, G.C., Grecu, F. Analysis of the Scientific Importance and Vulnerability of the Sarea lui Buzău Geosite Within the Buzău Land UNESCO Global Geopark, Romania. Geoheritage 15, 35 (2023). https://doi.org/10.1007/s12371-023-00806-z 4. Gherghe, Adrian, Dobre, Răzvan Robert, Apotrosoaei, Vlad, Briceag, Andrei, & Melinte-Dobrinescu, Mihaela. (2021). The Bâsca Rozilei river drainage model, Romanian Carpathian belt. Geo-eco-marina, 27 (2021), 37–54. https://doi.org/10.5281/zenodo.5801070 5. Tulan, E., Radl, M.S., Reinhard, F.S., Tari, G., Witkowski, J., 2020, Hydrocarbon source rock potential of Miocene diatomaceous sequences in Szurdokpüspöki (Hungary) and Parisdorf/Limberg (Austria). Austrian Journal of Earth Sciences 113(1):24-42, DOI: 10.17738/ajes.2020.0002 https://sciendo.com/article/10.17738/ajes.2020.0002 6. Tulan, E., Reinhard, F.S., Tari, G., Witkowski, J., Tămaş, D.M., Horvat, A. and Tămaş, A., 2020. Hydrocarbon source rock potential and paleoenvironment of lower Miocene diatomites in the Eastern Carpathians Bend Zone (Sibiciu de Sus, Romania). Geologica Carpathica., 71(5), pp.424-443. https://dro.dur.ac.uk/32264/1/32264.pdf 7. Melinte-Dobrinescu M. C. et al., 2018, Geological investigations and mapping in the Buzău land geopark: State of the art, Geo-Eco-Marina 23(23) p. 133-144, DOI: 10.5281/zenodo.1183516, https://www.geocomar.ro/website/publicatii/Nr.23-2017/08_MELINTE_2017_web.pdf 8. Stoica M., Andrașanu A., Palcu D., Popa R.G., 2017, The Miocene from Buzău area: a geological and geoconservation perspective, Editura Universității din București, ISBN 978-606-16-0913-0, http://www.geopaleontologica.org/page4/2017_Stoica%20et%20al_Ghid%20de%20teren%20Buzau_SPR%202017.pdf 	19*4/2=38
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			<p>Cartea citata: Georgescu O., Brănoiu G., 2005, Mineralogie descriptiva, îndrumar de lucrari practice, Editura Universitatii Petrol-Gaze din Ploiesti. Articolul in care apare citarea (BDI): 1. Valea P., Străjescu E., 2017, Aspect regarding the grinding process of granite used in paper industry, Proceedings in Manufacturing Systems, Vol. 12, Iss. 4, 2017, p. 161-167, ISSN 2067-9238, http://icmas.eu/Journal_archive_files/Vol_12-Issue4_2017_PDF/161-167_VALEA.pdf</p> <p>2. Mocanu, B., Georgescu, O. (2006). Presence of the chabazite in the volcanic zeolitic tuffs from the Apostolache area. Bul. UPG Ploiesti, Seria Tehnica, 58(3), 107-111.</p> <p>3. Pitiriciu, S., Elements d'onomastique dans le lexique de la cristalotherapie. Studii si Cercetari de Onomastica si Lexicologie, 2020, Vol. 13 Issue 1/2, p. 88-93</p>	3*4/2=6

	3.2. Prezentări invitate în plenul unor manifestări științifice naționale și internaționale și profesor invitat (exclusiv ERASMUS)	Punctaj unic pentru fiecare activitate	3.2.1. internaționale Membru al Juriului la sectiunile 9 si 10 „Prospecting and Exploration of Mineral Deposits, Mineralogy, Petrology, Geochemistry, Hydrogeology, Geological Engineering, and Geophysical Exploration Techniques” la conferinta: XVII International Forum-Contest of Students and Young Researchers, "Topical Issues of Rational Use of Natural Resources", Sankt-Petersburg Mining University, June 2021	10*1=10	10
			3.2.2. naționale Branoiu G., 31 mai 2007, Mineralogical transformations resulted from secondary exploitation processes of hydrocarbon reservoirs, 31st General Assembly of Bucharest Geoscience Forum, Universitatea București.	5*1=5	5
	3.3. Membru în colectivele de redacție sau comitete științifice al revistelor și manifestărilor științifice, organizator de manifestări științifice, Recenzor pentru reviste și manifestări științifice naționale și internaționale	Punctaj unic pentru fiecare activitate	3.3.1. ISI 1. recenzor publicatii grupul MDPI (Energies, Minerals, Applied Sciences, Processes, Sustainability) 2. recenzor publicatia SPE Journal 3. recenzor publicatia Petroleum Science and Technology	10*3=30	30
			3.3.2. BDI 1. Membru (secretar) în Comitetul de organizare (sectiunea Geologie-Geofizica) a Sesiunii de Comunicări Științifice a U.P.G. Ploiești din 11-13 Mai 2005 2. Membru (secretar) în Comitetul de organizare (sectiunea Geologie-Geofizica) a Conferinței Internaționale “Ştiință și Tehnologie în Contextul Dezvoltării Durabile” – 6-7 November 2008, U.P.G. Ploiești 3. Membru (secretar) în Comitetul de organizare (sectiunea Geologie-Geofizica) a Conferinței Internaționale “Ştiință și Tehnologie în Contextul Dezvoltării Durabile” editia a 2-a – 4-5 November 2010, U.P.G. Ploiești 4. recenzor publicatia “International Journal Geology and Mining” 5. recenzor publicatia “International Journal of Research in Environmental Studies” (IJRES) 6. recenzor publicatia SGEM (Earth and Planetary Sciences) 7. redactor-suf publicatia Romanian Journal of Petroleum & Gas Technology	6*7=42	42
			3.3.3. naționale și internaționale neindexate 1. membru comitetul de organizare Conferinta Anuala a Societati Geologice a Romaniei (2018, 2019, 2020, 2021, 2022)	3*5=15	15
	3.4. Experiență de management		3.4.1. Conducere (rector, prorector, cancelar, decan, prodecan, director departament, director școală doctorală, director, director adj., şef secție	5* nr.ani	

				<p>3.4.2. Membru organisme conducere (senat, consiliul facultății, cons.departament, cons.admin., cons.științific)</p> <p>1. Secretar al Comisiei de Admitere pe facultate – Facultatea Ingineria Petrolului și Gazelor – 2004</p> <p>2. Secretar al Comisiei de Admitere pe facultate – Facultatea Ingineria Petrolului și Gazelor – 2007</p> <p>3. Secretar al Comisiei de Admitere pe facultate – Facultatea Ingineria Petrolului și Gazelor – 2009</p> <p>4. Secretar al Comisiei Centrale de Admitere – Universitatea Petrol-Gaze din Ploiești – 2011, 2022</p> <p>5. Membru Consiliul Facultatii Ingineria Petrolului si Gazelor 2024-2029</p> <p>6. Membru Senatul Universitatii Petrol-Gaze din Ploiești 2024-2029</p>	2* nr.ani 2*7=14	14
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Condiții opționale

				Punctajul realizat de candidat
3.5. Premii		<p>3.5.1. Academia Română</p> <p>3.5.2. ASAS, AOSR, academii de ramură și CNCSIS</p> <p>3.5.3. premii internaționale</p> <p>3.5.4. premii naționale în domeniu - În anul 2018 am primit DIPLOMA DE EXCELENȚA, din partea Universității Petrol-Gaze din Ploiești, pentru contribuția deosebită adusă dezvoltării procesului de învățământ și cercetare</p>	30 15 10 5*1=5	
3.6. Membru în academii, organizații, asociații profesionale de prestigiu, naționale și internaționale, apartenență la organizații de domeniul educației și cercetării		<p>3.6.1. Academia Română</p> <p>3.6.2. ASAS, AOSR, academii de ramură și academii de științe din străinătate</p> <p>3.6.3. Conducere asociații profesionale</p> <p>3.6.3.1 internaționale</p> <p>3.6.3.2 naționale - Președinte filiala Ploiești a Societății Geologice a României (din anul 2018)</p> <p>3.6.4. Asociații profesionale</p> <p>3.6.4.1 internaționale</p> <p>1. Membru SPE, card membru 3248553, din 2006</p> <p>2. Membru EAGE, card membru M2014-3175, din 2014</p> <p>3. Membru ISRM (International Society for Rock Mechanics)</p> <p>3.6.4.2 naționale</p> <p>1. Membru SGR (Societatea Geologică a României) din 2000</p> <p>2. Membru AGIR din 2024</p> <p>3. Expert atestat ANRM (Agentia Națională pentru Rezurse Minerale), certificat atestare 1290/2013</p> <p>3.6.5. Consilii și organizații în domeniul educației și cercetării</p> <p>3.6.5.1 conducere</p> <p>3.6.5.2 membru</p> <p>- expert interpretare difracție raze X</p> <p>- certificat training Bruker-AXS Karlsruhe (2009)</p> <p>- specialist interpretare seismică 2D/3D – certificat training Prospectiuni SA București (2015)</p>	100 40 30 10*1=10 10 10*3=30 15 5*3=15 15 20	

3. Formula de calcul a indicatorului de merit ($A = A1 + A2 + A3$)

$$A = A1 + A2 + A3 = 590,90 + 1420,98 + 515,82 = 2527,70 \text{ puncte}$$

Condiții minimale (Ai)					
Nr. crt.	Categoria				
	Domeniul de activitate	Condiții Conferențiar	Nr. realizat de candidat	Condiții Profesor	Nr. realizat de candidat
	Activitate didactică și profesională (A1)	Minimum 60 puncte		Minimum 120 puncte	590,90
	Activitate de cercetare (A2)	Minimum 160 puncte		Minimum 260 puncte	1420,98
	Recunoașterea și impactul activității (A3)	Minimum 30 puncte		Minimum 70 puncte	515,82
TOTAL		Minimum 250 puncte		Minimum 450 puncte	2527,70

4. Definirea atestatului de abilitare

Instituția care a acordat atestatul de abilitare	Domeniul	Nr. Atestat / Data
Universitatea Petrol-Gaze din Ploiești	Mine, Petrol și Gaze	4554/03.06.2024

5. Adeverință eliberată de compartimentul de specialitate din UPG Ploiești care dovedește obținerea de către candidat a calificativului „foarte bine” în ultimii trei ani la UPG Ploiești, precum și faptul că acesta nu a fost sancționat disciplinar în ultimii 3 ani.

Nr.adev. 31105/17.12.2024

Nr. adev. 31236/18.12.2024

Dată
17.12.2024

Candidat,
Conf.dr.ing. BRANOIU GHEORGHE-ADRIAN