

Disciplinele postului:

- Sustainable consumption (6 EMSE, ),
- Evaluarea ciclului de viață (5 MM),

## FIȘA DE VERIFICARE a îndeplinirii standardelor minime naționale de prezentare la concurs pentru postul de conferențiar universitar

publicat în Monitorul Oficial al României nr. 368 din data de 06/05/2021

Candidat: **Dr.ing. George Barjoveanu** / Data nașterii: 24.01.1981 Funcția actuală: Sef lucrari, Data numirii în funcția actuală: 2012 Instituția: Universitatea Tehnica Gheorghe Asachi din Iasi

Nr	Criteriu cf.	Realizari candidat
1	NT ≥ 15	NT = 22, cf scopus
2	NP ≥ 6, cu minim 4 lucrari publicate in reviste cu FI ≥1	NP = 11, cu 10 lucrari publicate in reviste cu FI ≥1
3	FIC ≥ 12	FIC = 34.96 , considerand FI conform JCR din anul publicării articolelor
4	NC ≥ 60	NC = 326, excluzand autocitarile, cf scopus, NC = 343 conform WoS, excluzand citarile

**Data: 15.06.2021**  
**Dr.ing. George Barjoveanu**

Se definesc:

- NT = număr total de articole în reviste ISI
- FIC = factor de impact cumulat (suma factorilor de impact ai revistelor la momentul susținerii publice a tezei de doctorat sau la momentul înscrierii la concursul pentru ocuparea unei poziții didactice)
- NP = număr articole în reviste ISI la care candidatul este autor principal (prim autor sau autor de corespondență)
- NC = număr total de citări din baza SCOPUS sau ISI Web of Science, excluzându-se autocitările

### 1. Concurs de Conferențiar/CS II

Standarde minime (cumulative):

- a) NT ≥ 15
- b) NP ≥ 6, cu minim patru lucrări publicate în reviste cu factor de impact > 1
- c) FIC ≥ 12

În acest caz în calculul FIC se ține cont de factorul de impact al revistei la care candidatul a publicat un articol ca autor principal și respectiv de factorul de impact împărțit la numărul de autori pentru revistele în care candidatul a publicat un articol la care nu este autor principal.

- d) NC ≥ 60

Brevetele naționale (FI = 1) și internaționale (FI = 3) intră în calculul FIC de la punctul c)

**Lista articole ISI, conform Scopus**

	Autori	Titlul	Anul	Jurnal	Vol	Nr	Pag	Page end	FI in anul publicarii	Na	Na pt calcul FIC	FIC AN	Autor principal FI>1
	<b>Articol publicat în revistă cotate ISI, cu factor de impact</b>												<b>Count 10</b>
R1	Todaro, F., Barjoveanu, G., De Gisi, S., Teodosiu, C., Notarnicola, M.	Sustainability assessment of reactive capping alternatives for the remediation of contaminated marine sediments(Article)	2021	Journal of Cleaner Production	286				7.246	5	5	1.449	NU
R2	Barjoveanu, G., Pătrăuțanu, O.-A., Teodosiu, C., Volf, I.	Life cycle assessment of polyphenols extraction processes from waste biomass	2020	Scientific Reports	10	1			3.998	4	1	3.998	DA
R3	Barjoveanu, G., Teodosiu, C., Bucatariu, F., Mihai, M.	Prospective life cycle assessment for sustainable synthesis design of organic/inorganic composites for water treatment	2020	Journal of Cleaner Production	272				7.246	4	1	7.246	DA
R4	Teodosiu, C., Gilca, A.-F., Barjoveanu, G., Fiore, S.	Emerging pollutants removal through advanced drinking water treatment: A review on processes and environmental performances assessment	2018	Journal of Cleaner Production	197		1210	1221	6.398	4	4	1.600	DA
R5	Barjoveanu, G., De Gisi, S., Casale, R., Todaro, F., Notarnicola, M., Teodosiu, C.	A life cycle assessment study on the stabilization/solidification treatment processes for contaminated marine sediments	2018	Journal of Cleaner Production	201		391	402	6.398	6	1	6.398	DA
R6	Teodosiu, C., Barjoveanu, G., Sluser, B.R., Popa, S.A.E., Trofin, O.	Environmental assessment of municipal wastewater discharges: a comparative study of evaluation methods	2016	International Journal of Life Cycle Assessment	21	3	395	411	3.173	5	5	0.635	NU
R7	Teodosiu, C., Robu, B., Cojocariu, C., Barjoveanu, G.	Environmental impact and risk quantification based on selected water quality indicators	2015	Natural Hazards	75	1	89	105	1.746	4	4	0.437	NU
R8	Căilean, D., Barjoveanu, G., Teodosiu, C., Pintilie, L., Dăscălescu, I.G., Păduraru, C.	Technical performances of ultrafiltration applied to municipal wastewater treatment plant effluents	2015	Desalination and Water Treatment	56	6	1476	1488	1.272	6	6	0.212	NU
R9	Barjoveanu, G., Comandaru, I.M., Rodriguez-Garcia, G., Hospido, A., Teodosiu, C.	Evaluation of water services system through LCA. A case study for Iasi City, Romania	2014	International Journal of Life Cycle Assessment	19	2	449	462	3.988	5	1	3.988	DA
R10	Popa, S.-A.E., Teodosiu, C., Barjoveanu, G.	Water footprint assessment of the ethyl alcohol production	2014	Environmental Engineering and Management Journal	13	8	2087	2096	1.065	3	3	0.355	NU

	Autori	Titlul	Anul	Jurnal	Vol	Nr	Pag	Page end	FI in anul publicarii	Na	Na pt calcul FIC	FIC AN	Autor principal FI>1
R11	Arsene, D., Teodosiu, C., Barjoveanu, G., Apreutesei, R.E., Apopei, P., Musteret, C.P., Cailean, D.	Combined catalytic oxidation and adsorption of priority organic pollutants for wastewater recycling	2013	Environmental Engineering and Management Journal	12	5	907	916	1.258	7	7	0.180	NU
R12	Teodosiu, C., Barjoveanu, G.*, Vinke-de Kruijf, J.	Public participation in water resources management in romania: Issues, expectations and actual involvement	2013	Environmental Engineering and Management Journal	12	5	1051	1063	1.258	3	1	1.258	NU
R13	Barjoveanu, G., Teodosiu, C., Cojocariu, C., Augustijn, D., Craciun, I.	Instruments for integrated water resources management: Water quality modeling for sustainable wastewater management	2013	Environmental Engineering and Management Journal	12	8	1679	1690	1.258	5	1	1.258	DA
R14	Teodosiu, C., Barjoveanu*, G., Robu, B., Ene, S.-A.	Sustainability in the water use cycle: Challenges in the romanian context	2012	Environmental Engineering and Management Journal	11	11	1987	2000	1.117	4	1	1.117	DA
R15	Comandaru, I.M., Bârjoveanu*, G., Peiu, N., Ene, S.-A., Teodosiu, C.	Life cycle assessment of wine: Focus on water use impact assessment	2012	Environmental Engineering and Management Journal	11	3	533	543	1.117	5	1	1.117	DA
R16	Cojocariu, C., Barjoveanu, G., Robu, B., Teodosiu, C.	Integrated environmental impact and risk assessment of the agricultural and related industries in the Prut River Basin	2012	Studia Universitatis Babes-Bolyai Chemia		1	151	166	0.089	4	4	0.022	NU
R17	Arsene, D., Musteret, C.P., Catrinescu, C., Apopei, P., Barjoveanu, G., Teodosiu, C.	Combined oxidation and ultrafiltration processes for the removal of priority organic pollutants from wastewaters	2011	Environmental Engineering and Management Journal	10	12	1967	1976	1.004	6	6	0.167	NU
R18	Barjoveanu, G., Cojocariu, C., Robu, B., Teodosiu, C.	Integrated assessment of wastewater treatment plants for sustainable river basin management	2010	Environmental Engineering and Management Journal	9	9	1251	1258	1.435	4	1	1.435	DA
R19	Musteret, C.-P., Cailean, D., Barjoveanu, G., Teodosiu, C.	An assessment of operational parameters for the removal of chlorophenols from wastewater	2010	Environmental Engineering and Management Journal	9	10	1451	1457	1.435	4	4	0.359	NU
R20	Barjoveanu, G., Teodosiu, C.	Modeling and simulation of an ultrafiltration process for the removal of suspended solids and colloids from wastewater	2010	Environmental Engineering and Management Journal	9	3	361	371	1.435	2	1	1.435	DA
R21	Căilean, D., Barjoveanu, G., Musteret, C.-P., Sulitanu, N., Manea, L.R., Teodosiu, C.	Reactive dyes removal from wastewater by combined advanced treatment	2009	Environmental Engineering and Management Journal	8	3	503	511	0.885	6	6	0.148	NU

	Autori	Titlul	Anul	Jurnal	Vol	Nr	Pag	Page end	FI in anul publicarii	Na	Na pt calcul FIC	FIC AN	Autor principal FI>1
R22	Barjoveanu, G., Teodosiu, C.	Priority organic pollutants removal by ultrafiltration for wastewater recycling	2009	Environmental Engineering and Management Journal	8	2	277	287	0.885	6	6	0.148	DA
											TOTAL	34.960	10

\* **Na- numărul de autori**

\*\***Na - pentru articolele la care candidatul este autor principal, Na = 1;**

### **Listă de citări, excluzând autocitățile, conform Scopus 15.06.2021**

This is a citation overview for a set of 27 documents.

Self Citations of all authors are excluded.

h-index = 10 (Of the 27 documents considered for the h-index, 10 have been cited at least 10 times.)

	Article	<2017	2017	2018	2019	2020	2021	subtotal	>2021	total citations
	<b>TOTALS</b>	<b>93</b>	<b>22</b>	<b>17</b>	<b>47</b>	<b>80</b>	<b>67</b>	<b>233</b>	<b>0</b>	<b>326</b>
R1	Todaro F., Barjoveanu G., De Gisi S., Teodosiu C., Notarnicola M., Sustainability assessment of reactive capping alternatives for the remediation of contaminated marine sediments, Journal of Cleaner Production, 9596526, 2021	0	0	0	0	0	0	0	0	0
R2	Barjoveanu G., Patrautanu O.-A., Teodosiu C., Volf I., Life cycle assessment of polyphenols extraction processes from waste biomass, Scientific Reports, 20452322, 2020	0	0	0	0	0	5	5	0	5
R3	Barjoveanu G., Teodosiu C., Bucatariu F., Mihai M., Prospective life cycle assessment for sustainable synthesis design of organic/inorganic composites for water treatment, Journal of Cleaner Production, 9596526, 2020	0	0	0	0	0	0	0	0	0
R4	Barjoveanu G., Teodosiu C., Gilca A.-F., Roman I., Fiore S., Environmental performance evaluation of a drinking water treatment plant: A life cycle assessment perspective, Environmental Engineering and Management Journal, 15829596, 2019	0	0	0	0	0	0	0	0	0
R5	Barjoveanu G., De Gisi S., Casale R., Todaro F., Notarnicola M., Teodosiu C., A life cycle assessment study on the stabilization/solidification treatment processes for contaminated marine sediments, Journal of Cleaner Production, 9596526, 2018	0	0	0	2	4	7	13	0	13
R6	Teodosiu C., Gilca A.-F., Barjoveanu G., Fiore S., Emerging pollutants removal through advanced drinking water treatment: A review on processes and environmental performances assessment, Journal of Cleaner Production, 9596526, 2018	0	0	0	19	47	36	102	0	102
R7	Teodosiu C., Barjoveanu G., Sluser B.R., Popa S.A.E., Trofin O., Environmental assessment of municipal wastewater discharges: a comparative study of evaluation methods, International Journal of Life Cycle Assessment, 9483349, 2016	2	1	2	4	11	4	22	0	24
R8	Cailean D., Barjoveanu G., Teodosiu C., Pintilie L., Dascalescu I.G., Paduraru C., Technical performances of ultrafiltration applied to municipal wastewater treatment plant effluents, Desalination and Water Treatment, 19443994, 2015	1	0	0	0	1	2	3	0	4

R9	Teodosiu C., Robu B., Cojocariu C., Barjoveanu G., Environmental impact and risk quantification based on selected water quality indicators, Natural Hazards, 0921030X, 2015	2	3	2	2	3	2	12	0	14
R10	Popa S.-A.E., Teodosiu C., Barjoveanu G., Water footprint assessment of the ethyl alcohol production, Environmental Engineering and Management Journal, 15829596, 2014	0	1	0	1	0	0	2	0	2
R11	Barjoveanu G., Comandaru I.M., Rodriguez-Garcia G., Hospido A., Teodosiu C., Evaluation of water services system through LCA. A case study for Iasi City, Romania, International Journal of Life Cycle Assessment, 9483349, 2014	16	3	7	7	3	2	22	0	38
R12	Barjoveanu G., Teodosiu C., Cojocariu C., Augustijn D., Craciun I., Instruments for integrated water resources management: Water quality modeling for sustainable wastewater management, Environmental Engineering and Management Journal, 15829596, 2013	0	1	0	1	0	0	2	0	2
R13	Arsene D., Teodosiu C., Barjoveanu G., Apreutesei R.E., Apopei P., Musteret C.P., Cailean D., Combined catalytic oxidation and adsorption of priority organic pollutants for wastewater recycling, Environmental Engineering and Management Journal, 15829596, 2013	3	0	0	0	0	0	0	0	3
R14	Teodosiu C., Barjoveanu G., Vinke-de Kruijf J., Public participation in water resources management in Romania: Issues, expectations and actual involvement, Environmental Engineering and Management Journal, 15829596, 2013	2	2	0	1	0	0	3	0	5
R15	Cojocariu C., Barjoveanu G., Robu B., Teodosiu C., Integrated environmental impact and risk assessment of the agricultural and related industries in the Prut River Basin, Studia Universitatis Babes-Bolyai Chemia, 12247154, 2012	0	0	0	0	0	1	1	0	1
R16	Teodosiu C., Barjoveanu G., Robu B., Ene S.-A., Sustainability in the water use cycle: Challenges in the Romanian context, Environmental Engineering and Management Journal, 15829596, 2012	6	1	0	0	0	0	1	0	7
R17	Comandaru I.M., Barjoveanu G., Peiu N., Ene S.-A., Teodosiu C., Life cycle assessment of wine: Focus on water use impact assessment, Environmental Engineering and Management Journal, 15829596, 2012	8	4	0	3	1	2	10	0	18
R18	Arsene D., Musteret C.P., Catrinescu C., Apopei P., Barjoveanu G., Teodosiu C., Combined oxidation and ultrafiltration processes for the removal of priority organic pollutants from wastewaters, Environmental Engineering and Management Journal, 15829596, 2011	10	2	2	1	0	0	5	0	15
R19	Barjoveanu G., Cojocariu C., Robu B., Teodosiu C., Integrated assessment of wastewater treatment plants for sustainable river basin management, Environmental Engineering and Management Journal, 15829596, 2010	8	2	1	0	2	1	6	0	14
R20	Musteret C.-P., Cailean D., Barjoveanu G., Teodosiu C., An assessment of operational parameters for the removal of chlorophenols from wastewater, Environmental Engineering and Management Journal, 15829596, 2010	3	0	0	0	0	0	0	0	3
R21	Barjoveanu G., Teodosiu C., Modeling and simulation of an ultrafiltration process for the removal of suspended solids and colloids from wastewater, Environmental Engineering and Management Journal, 15829596, 2010	2	0	1	0	0	0	1	0	3
R22	Cailean D., Barjoveanu G., Musteret C.-P., Sulitanu N., Manea L.R., Teodosiu C., Reactive dyes removal from wastewater by combined advanced treatment, Environmental Engineering and Management Journal, 15829596, 2009	14	1	0	2	0	0	3	0	17
R23	Barjoveanu G., Teodosiu C., Priority organic pollutants removal by ultrafiltration for wastewater recycling, Environmental Engineering and Management Journal, 15829596, 2009	4	0	0	0	0	0	0	0	4
R24	Barjoveanu G., Teodosiu C., Ungureanu F., Modelling and simulation for the prediction of ultrafiltration process performances in wastewater treatment, Environmental Engineering and Management Journal, 15829596, 2006	0	0	0	0	0	0	0	0	0
R25	Barjoveanu G., Teodosiu C., Advanced treatment for pulp and paper wastewater recycling by membrane processes, Environmental Engineering and Management Journal, 15829596, 2006	2	0	0	0	1	2	3	0	5
R26	Barjoveanu G., Teodosiu C., Jorgensen M.S., Sustainable development assessment. Application to the Prut River Basin, Environmental Engineering and Management Journal, 15829596, 2004	1	0	0	0	0	0	0	0	1

R27	Teodosiu C., Barjoveanu G., Teleman D., Sustainable water resources management 1. River basin management and the EC water framework directive, Environmental Engineering and Management Journal, 15829596, 2003	9	1	2	4	7	3	17	0	26
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**Data: 15.06.2021**

**Dr.ing. George Barjoveanu**