UNIVERSITATEA TEHNICĂ "GHEORGHE ASACHI" DIN IAŞI
FACULTATEA DE INGINERIE CHIMICĂ ȘI PROTECȚIA MEDIULUI CRISTOFOR SIMIONESCU_
DEPARTAMENTUL DE POLIMERI NATURALI ȘI SINTETICI
Concurs pentru ocuparea postului de **cercetator stiintific CSII**, poz. 13

FIŞA DE VERIFICARE

a îndeplinirii standardelor minimale naţionale de prezentare la concurs pentru postul de cercetător științific CSII poz.13 din statul de funcţii al Departamentului de Polimeri Naturali și Sintetici, Facultatea de Inginerie Chimică și Protecția Mediului Cristofor Simionescu

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Candidat: **Stan Corneliu Sergiu /** Data naşterii: 29.12.1964

Funcţia actuală: Cercetător științific CSII perioadă determinată, Data numirii în funcţia actuală: 2017

Instituţia: UNIVERSITATEA TEHNICĂ "GHEORGHE ASACHI" DIN IAŞI.

COMISIA DE INGINERIE CHIMICĂ, INGINERIE MEDICALĂ, ȘTIINȚA MATERIALELOR ȘI NANOMATERIALE – Standarde minimale necesare și obligatorii pentru conferirea titlurilor didactice din învățământul superior și a gradelor profesionale de cercetare – dezvoltare, conform ordin 6129/20.12.2016
Concurs de Conferenţiar/CS II
Standarde minimale (cumulative):
a) NTOP ≥ 2
b) NP ≥ 10
c) FIC ≥ 15
În acest caz în calculul FIC se ţine seamă de factorul de impact al revistei la care candidatul a publicat un articol ca autor principal şi respectiv de factorul de impact împărţit la numărul de autori pentru revistele în care candidatul a publicat un articol în care nu este autor principal
d) NC ≥ 50
Brevetele naţionale (FI = 1) şi internaţionale (FI = 3) intră în calculul FIC de la punctul c)
e) NCO ≥ 1 (in calitate de Director proiect/Responsabil proiect)
Se definesc:
NTOP = număr total de articole ISI situate in top 25% (zona roșie) în calitate de autor principal. Situația revistelor in top 25% se judecă pe cazul cel mai favorabil pentru candidat, fie la momentul publicării, fie la data inscrierii la concurs
NP = numar articole in reviste ISI la care autorul este autor principal (prim autor sau autor de corespondenta)
FIC = factor de impact cumulat (suma factorilor de impact ai revistelor la momentul înscrierii la concursul pentru ocuparea unei poziții didactice
NC = număr total de citări (din baza scopus) (se exclud autocitările candidatului)
NCO = număr contracte de cercetare – dezvoltare – inovare obținute prin competiție la nivel național sau internațional ori contracte de cercetare – dezvoltare – inovare cu terții în valoare minimă echivalentă cu 10.000 Euro

Articolele pentru calculul NTOP, FIC, NP, NC se vor lua in considerare numai daca la data publicarii revista era indexata ISI, iar la data inscrierii la concurs a candidatului articolele sunt vizibile in WoS sau daca se prezintă ca reprinturi (inclusiv cu paginația revistei)

a) NTOP > 2 ; <u>NTOP=5</u>

1. C. S. Stan*, A. Coroaba, E. L. Ursu, M. S. Secula, B. C. Simionescu, Fe(III) doped carbon nanodots with intense green photoluminescence and dispersion medium dependent emission, Nature Scientific Reports 9, 18893, 2019 doi:10.1038/s41598-019-55264-x.
2. C. S. Stan*, A. Coroaba, M. Popa, C. Albu, D. Sutiman, One step synthesis of fluorescent Carbon Dots through pyrolysis of N-hydroxysuccinimide, RSC-Journal of Materials Chemistry C 3, pp.789-795, 2014 doi: 10.1039/C4TC02382J.
3. C. S. Stan*, M. Popa, D. Sutiman, P. Horlescu , Photoluminescent red green and blue monoliths of new Eu(III), Tb(III) and Y(III) complexes embedded in silica matrix, Springer-Electronic Materials Letters 10(4), pp. 827-835, 2014 doi: 10.1007/s13391-014-3240-5.
4. C. S. Stan*, M. Popa, M.S. Secula, Luminescent xerogels obtained through embedding Tb(III) and Eu(III) complexes in silica matrix, Elsevier- J. of Optical Materials, Volume 35(9), pp.1741–1747, doi: 10.1016/j.optmat.2013.05.025, 2013.
5. C. S. Stan*, N. Marcotte, M. Popa, M. Secula, Photoluminescent silica aerogel containing a new prepared N-Hydroxysuccinimide –Tb(III) complex, Springer-J. of Sol-Gel Science and Technology, 69, pp. 207–213, 2014 doi: 10.1007/s10971-013-3205-4.

b) NP > 10 ; <u>NP=20</u>

1. C. S. Stan*, A. Coroaba, E. L. Ursu, M. S. Secula, B. C. Simionescu, Fe(III) doped carbon nanodots with intense green photoluminescence and dispersion medium dependent emission, Nature Scientific Reports 9, 18893, 2019 doi:10.1038/s41598-019-55264-x
2. C. S. Stan*, A. Coroaba, M. Popa, L. E. Ursu, Highly photoemissive polymer-transition metal complexes based onPoly(2-hydroxy ethyl) methacrylate, Polymer International, 69(11), pp. 1081-1088, 2020. https://doi.org/10.1002/pi.5926.
3. C. S. Stan, G. Soreanu*, M. Popa, P Horlescu, T. Lupascu, I. Cretescu, A new approach to obtain aerogels for gas safety applications, Environmental engineering and management journal 18(8), pp. 1815-1820, 2019
4. C. S Stan*, P. Horlescu, L. E. Ursu, M. Popa, C. Albu, Facile preparation of highly luminescent composites by polymer embedding of carbon dots derived from N-hydroxyphthalimide, Springer- J. of Material Science 52(1), pp. 185-196, 2017. doi 10.1007/s10853-016-0320-y.
5. C. Y. Rosca, P. Horlescu, C. S. Stan*, D. Sutiman, Photoemissive polymer composite based on new Y(III), Gd(III) and Tb(III) complexes with N-hydroxyphtalimide, Turkish J. of Chemistry 41(5), pp.648-657, 2017. (I. F: 1.07). DOI: 10.3906/kim-1609-69
6. C. S. Stan*, P. Horlescu, M. Popa, A. Coroaba, L. E. Ursu, Photoluminescent polymer composites with R, G, B emission and their potential applications in LCD displays, RSC- New J. of Chemistry 40, pp.6505 – 6512, 2016.
7. C. Albu, C. S. Stan*, P. Horlescu, Fluorescent Carbon Dots Prepared Through Thermal Processing of Succinimide, Digest Journal of Nanomaterials and Biostructures 11(1), pp.133-139, 2016.
8. C. S. Stan*, C. Peptu, M. Popa, D. Sutiman, P. Horlescu , Novel Y3+, Sm3+, Eu3+, Gd3+ and Tb3+ complexes with 2-(1H-1,2,4-Triazol-3-yl)pyridine and their remarkable photoluminescent properties, Elsevier- Inorganica Chimica Acta 429, pp. 160-167, 2015. doi: 10.1016/j.ica.2015.01.041
9. P. Horlescu, C. S. Stan*, D. Sutiman, C. Mita, C. Peptu, M. E. Fortuna, C. Albu, New Complexes of 2-(1H-1, 2, 4-Triazol-3-YL) Pyridine with Co(II), Cd(II), Rh(III) Ions: Synthesis, Structure, Properties and Potential Applications, E.E.M.J. 14(2), pp.383-391, 2015.
10. C. S. Stan*, A. Coroaba, M. Popa, C. Albu, D. Sutiman, One step synthesis of fluorescent Carbon Dots through pyrolysis of N-hydroxysuccinimide, RSC-Journal of Materials Chemistry C 3, pp.789-795, doi: 10.1039/C4TC02382J, 2014.
11. C. S. Stan*, M. Popa, D. Sutiman, P. Horlescu , Photoluminescent red green and blue monoliths of new Eu(III), Tb(III) and Y(III) complexes embedded in silica matrix, Springer-Electronic Materials Letters 10(4), pp. 827-835, doi: 10.1007/s13391-014-3240-5, 2014.
12. C. S. Stan*, M. Popa, N. Marcotte , Photoluminescent polymer composites based on new Tb(III) and Eu(III) – Maleimide complexes, Springer- J. of Inorganic and Organometallic Polymers and Materials 24(4), pp. 676-683, DOI: 10.1007/s10904-014-0044-x, 2014.
13. C. S. Stan*, M. Popa, M. Olariu, M. S. Secula, Synthesis and characterization of a PSSA-Polyaniline composite with enhanced processability in thin films, Springer- Central European Journal of Chemistry, Open Chem. 13, pp. 467-476, DOI: 10.1515/chem-2015-0057, 2015.

14. C. S. Stan*, N. Marcotte, M. Popa, M. Secula, Photoluminescent silica aerogel containing a new prepared N-Hydroxysuccinimide –Tb(III) complex, Springer- J. of Sol-Gel Science and Technology, 69, pp. 207–213, doi: 10.1007/s10971-013-3205-4, 2014.
15. C. S. Stan*, M. Popa, M.S. Secula, Luminescent xerogels obtained through embedding Tb(III) and Eu(III) complexes in silica matrix, Elsevier- J. of Optical Materials 35(9), pp.1741–1747, doi: 10.1016/j.optmat.2013.05.025, 2013.
16. C. S. Stan, I. Rosca, D. Sutiman, M.S. Secula, Highly luminescent europium and terbium complexes based on succinimide and n-hydroxysuccinimide, Elsevier-J. of Rare Earths, 30 (5), pp.401-407, 2012.
17. C. S. Stan, M.S. Secula, D. Sibiescu, Highly luminescent polystyrene embedded CdSe quantum dots obtained through a modified colloidal synthesis route, Springer- Electronic Materials Lett. 8 (3), pp.275-281, 2012.
18. C. S. Stan, D. Sibiescu, I. Cretescu, Solar Energy Powered Phosphorescent Composites for Utilitarian and Emergency Lighting, J. of Environmental Protection and Ecology (13) 2, pp. 666-674, 2012.
19. C. S. Stan, D. Sibiescu, I. Cretescu, C.Y. Rosca, D. Sutiman, M.D. Tutulea, I. Rosca, New Gd(III) complexes based on Succinimide, N- hydroxysuccinimide and N- hydroxyphtalimide with possible applications in optoelectronics and medical imaging , J. of Optoelectronics and Advanced Materials, 5 (9), pp. 994-998, 2011.
20. C. S. Stan, D. Sibiescu, M.S. Secula, I. Rosca, I. Cretescu, Phosphorescent Composites Based on Polyethyleneterephtalate, Materiale Plastice, 47(3), pp. 324-327, 2010.

c) FIC > 15 ***FIC = 54.21***

in acest caz in calculul FIC se tine seama de factorul de impact al revistei la care candidatul a publicat un articol ca autor principal si respectiv de factorul de impact împarțit la numarul de autori pentru revistele in care candidatul a publicat un articol in care nu este autor principal

Nr. Crt.	Autori/Titlu	Revista/ nr./an apariție	Factor Impact	Autor principal	Nr. autori	Nr. citări
1	**C.S. Stan***, A. Coroabă, L. Ursu, M.S. Secula, B.C. Simionescu, Fe(III) doped carbon nanodots with intense green photoluminescence and dispersion medium dependent emission.	NATURE Scientific Reports (Multidisciplinary Sciences, JCR 2019,2020), (1,) 2020, art no. 18893, DOI:10.1038/s41598-019-55264-x	3,998	Da	5	2
2	**C. S. Stan***, A. Coroaba, M. Popa, L. E. Ursu, Highly photoemissive polymer-transition metal complexes based on Poly(2-hydroxy ethyl methacrylate).	Polymer International 69(11), pp. 1081-88, 2020. https://doi.org/10.1002/pi.5926.	2,574	Da	4	0
3	**C. S Stan***, P. Horlescu, L. E. Ursu, M. Popa, C. Albu, Facile preparation of highly luminescent composites by polymer embedding of carbon dots derived from N hydroxyphthalimide.	Springer- Journal of Material Science 52(1), pp. 185-196, 2017. doi 10.1007/s10853-016-0320-y	3,553	Da	5	15
4	C. S. Stan*, P. Horlescu, M. Popa, A. Coroaba, L. E. Ursu, Photoluminescent polymer composites with R, G, B emission and their potential applications in LCD displays.	RSC- New Journal of Chemistry 40, pp.6505 – 6512, 2016	3,228	Da	5	6

5	**C. S. Stan***, C. Peptu, M. Popa, D. Sutiman, P. Horlescu , Photoluminescent properties of novel Y^{3+}, Sm^{3+}, Eu^{3+}, Gd^{3+} and Tb^{3+} complexes with 2-(1H-1,2,4-Triazol-3-yl)pyridine and their remarkable photoluminescent properties.	Elsevier- Inorganica Chimica Acta 429, pp. 160-167, 2015. doi: 10.1016/j.ica.2015.01.041	2,304	Da	5	14
6	**C. S. Stan***, A. Coroaba, M. Popa, C. Albu, D. Sutiman, One step synthesis of fluorescent Carbon Dots through pyrolysis of N-hydroxysuccinimide.	RSC-Journal of Materials Chemistry C (MATERIALS SCIENCE, MULTIDISCIPLINARY, 2020) 3, pp.789-795, doi: 10.1039/C4TC02382J, 2015.	7,059	Da	5	48
7	**C. S. Stan***, M. Popa, D. Sutiman, P. Horlescu , Photoluminescent red green and blue monoliths of new Eu(III), Tb(III) and Y(III) complexes embedded in silica matrix.	Springer-Electronic Materials Letters 10(4), pp. 827-835, 2014. doi: 10.1007/s13391-014-3240-5, 2014.	1,980	Da	4	2
8	**C. S. Stan***, M. Popa, N. Marcotte , Photoluminescent polymer composites based on new Tb(III) and Eu(III) – Maleimide complexes.	Springer- Journal of Inorganic and Organometallic Polymers and Materials 24(4), pp. 676-683, 2014. doi: 10.1007/s10904-014-0044-x, 2014.	1,941	Da	3	3
9	**C. S. Stan***, N. Marcotte, M.S. Secula, M. Popa, Luminescent xerogels obtained through embedding Tb(III) and Eu(III) complexes in silica matrix	Optical Materials, 35(9), 1741–1747, 2013. doi: 10.1016/j.optmat.2013.05.025, 2013	2,779	Da	4	3
10	**C.S. Stan***, M. Popa, M. Olariu, M.S. Secula, Synthesis and characterization of PSSA-Polyaniline composite with enhanced processability in thin films	Open Chemistry, 2015; 13: 467–470, doi: 10.1515/chem-2015-0057	1,216	Da	4	20
11	**C.S. Stan***, N. Marcotte, M.S. Secula, M. Popa, A New Photoluminescent Silica Aerogel Based on N-Hydroxysuccinimide –Tb(III) Complex	Journal of Sol-Gel Science and Technology, 69(1), pp.207-213, 2014. doi: 10.1007/s10971-013-3205-4	2,008	Da	4	6
12	**C.S. Stan**, M.S. Secula, D. Sibiescu, Highly luminescent polystyrene embedded CdSe quantum dots obtained through a modified colloidal synthesis route.	Electronic Material Letters, 8 (2), pp.325-329, 2012. doi: 10.1007/s13391-012-1108-0	1,870	Da	3	14
13	**C.S. Stan**, I. Rosca, D. Sutiman, M.S. Secula, Highly luminescent europium and terbium complexes based on succinimide and n-hydroxysuccinimide	Journal of Rare Earths, 30 (5), pp.401-407, 2012. doi: 10.1016/S1002-0721(12)60061-1	3,104	Da	4	9
14	**C. S. Stan**, D. Sibiescu, I. Cretescu, Solar Energy Powered Phosphorescent Composites for Utilitarian and Emergency Lighting.	Journal of Environmental Protection and Ecology (13) 2, pp. 666-674, 2012	0,692	Da	3	0
15	**C.S. Stan**, D. Sibiescu, M.S. Secula, I. Rosca, I. Cretescu, Phosphorescent Composites Based on Poly-ethyleneterephtalate	Materiale Plastice, 47(3), pp.324-327, 2010	1,517	Da	5	3

16	**C. S. Stan**, D. Sibiescu, I. Cretescu, C.Y. Rosca, D. Sutiman, M.D. Tutulea, I. Rosca, New Gd(III) complexes based on Succinimide, N- hydroxysuccinimide and N-hydroxyphtalimide with possible applications in optoelectronics and medical imaging.	Optoelectronics and Advanced Materials-Rapid Communications, 5(9), pp. 994-998, 2011.	0,445	Da	7	1
17	**C. S. Stan**, G. Soreanu, M. Popa, P Horlescu, T. Lupascu, I. Cretescu, A new approach to obtain aerogels for gas safety applications.	Environmental engineering and management journal 18(8), pp. 1815-1820, 2019.	-	Da	6	0
18	C. Y. Rosca, P. Horlescu, **C. S. Stan***, D. Sutiman, Photoemissive polymer composite based on new Y(III), Gd(III) and Tb(III) complexes with N-hydroxyphtalimide.	Turkish Journal of Chemistry 41(5), pp.648-657, 2017. doi: 10.3906/kim-1609-69	1,377	Da	4	0
19	C. Albu**, C. S. Stan***, P. Horlescu, Fluorescent Carbon Dots Prepared Through Thermal Processing of Succinimide	Digest Journal of Nanomaterials and Biostructures 11(1), pp.133-139, 2016.	0,836	Da	3	5
20	P.Horlescu, **C. S. Stan***, D. Sutiman, C. Mita, C. Peptu, M. E. Fortuna, C. Albu, New Complexes of 2-(1H-1, 2, 4-Triazol-3-YL) Pyridine with Co(II), Cd(II), Rh(III) Ions: Synthesis, Structure, Properties and Potential Applications.	Environmental engineering and management journal, 14(2), pp.383-391, 2015.	1,008	Da	7	1
21	Adrian Tiron, **C. S. Stan**, G. Luta, C. M. Uritu, I. C. Vacarean-Trandafir, G. D. Stanciu , A. Coroaba, Crina E. Tiron, Manganese-Doped N-Hydroxyphthalimide-Derived Carbon Dots—Theranostics Applications in Experimental Breast Cancer Models	Pharmaceutics 13, pp.1982, 2021. doi.org/10.3390/pharmaceutics13111982	0,790 (6,321/8)	Nu	8	0
22	C. E. Tiron, G. Luta, M. Butura, F. Zugun-Eloae, **C. S. Stan**, A. Coroaba, E.L. Ursu, G. D. Stanciu, A. Tiron, NHF-derived carbon dots:prevalidation approach in breast cancer treatment.	NATURE Scientific Reports 10, 12662, 2020. doi.10.1038/s41598-020-69670-z	0,444 (3,998/9)	Nu	9	3
23	A. Borhan, D. Herea, D.Gherca, C. Stavila, A. E. Minuti, M. Grigoras, C. Danceanu, L.Labusca, G. Stoian, G. Ababei, **C. S. Stan**, N. Lupu, H. Chiriac, Flash-cooling assisted sol-gel self-ignited synthesis of magnetic carbon dots-based heterostructure with antitumor properties.	Materials Science and Engineering: C, 117, 111288, 2020. doi.10.1016/j.msec.2020.111288	0,452 (5,880/13)	Nu	13	2
24	C. L. Savin, C. Tiron, E. Carasevici, **C. S. Stan**, S. A. Ibanescu, B. Simionescu, C. Peptu, Entrapment of N-Hydroxyphthalimide Carbon Dots in Different Topical Gel Formulations: New Composites with Anticancer Activity.	Pharmaceutics 11(7), pp.303, 2019. doi: 10.3390/pharmaceutics11070303	0,535 (3,746/7)	Nu	7	7
25	M.S. Secula, L. Zaleschi, **C. S. Stan**, I. Mămăligă, Effects of electric current type and electrode configuration on the removal of Indigo Carmine from aqueous solutions by electrocoagulation in a batch reactor	Desalination and Water Treatment, 52(31-33), pp.6135-6144, 2014. doi: 10.1080/19443994.2013.811116	0,214 (0,854/4)	Nu	4	7

26	M.S. Secula, **C.S. Stan**, C. Cojocaru, B. Cagnon, I. Cretescu, Multi-Objective Optimization of Indigo Carmine Removal by an Electrocoagulation/GAC Coupling Process in a Batch Reactor	Separation Science and Technology, 49 (6), pp.924-938, 2014. doi:10.1080/01496395.2013.871292	0,344 (1,718/5)	Nu	5	5
27	M. S. Secula, I. Cretescu, B. Cagnon, L. R. Manea, **C. S. Stan**, I. G. Breaban, Fractional Factorial Design Study on the Performance of GAC-Enhanced Electrocoagulation Process Involved in Color Removal from Dye Solutions.	Materials, 6(7), pp.2723-2746, published online July 2013.	0,510 (3,057/6)	Nu	6	53
28	E. S. Bacaita, **C. S. Stan**, M. Agop, G. Cioca, Spectral Properties of HEMA/poly(HEMA) as Ligand in Luminescent Europium Based Complexes Through Computational Investigation.	REV.CHIM.69(9), 2018.	0,439 (1,755/4)	Nu	4	0
29	M. S. Secula, E. David, B. Cagnon, A. Vajda, **C. S. Stan**, I. Mamaliga, Kinetics and equilibrium studies of 4-chlorophenol adsorption onto magnetic activated carbon composites.	Environmental engineering and management journal 17(4), pp.783-793, 2018. doi: 10.30638/eemj.2018.079	0,198 (1,186/6)	Nu	6	6
30	L. Zaleschi., M. S. Secula, C. Teodosiu, **C. S. Stan**, I. Cretescu, Removal of Rhodamine 6G from Aqueous Effluents by Electrocoagulation in a Batch Reactor: Assessment of Operational Parameters and Process Mechanism.	Water, Air, & Soil Pollution 225(9), pp. 827-835, 2014. doi: 10.1007/s11270-014-2101-z	0,380 (1,900/5)	Nu	5	14
31	M. D. Tutulea, I. Cretescu, D. Sibiescu, **C. S. Stan**, Electrochemical Sensors for Heavy Metal Ions Detection from Aqueous Solutions.	Environmental Engineering and Management J. (11) 2, pp. 463-470, 2012.	0,279 (1,117/4)	Nu	4	7
32	Popa, M., Ciobanu, B.C., Ochiuz, L., Desbrieres, J., **Stan, C.S.**, Peptu, C.A., Controlling the release kinetics of calcein loaded liposomes from chitosan/tannic acid and chitosan/poly(vinyl alcohol)/tannic acid hydrogels	Cellulose Chemistry and Technology, 52, (5-6), pp. 353-370, 2018.	0,143 (0,857/6)	Nu	6	10
TOTAL			**48,217**	**20**	**-**	**266**

Reviste zona rosie*; *Reviste zona galbena

Brevetele nationale (FI = 1) si internationale (FI = 3) intra in calculul FIC de la punctul c)

Brevete nationale acordate: **(*FIC = 6*)**

1. C. S. Stan, D. Sibiescu, L. Chirila, I. Rosca, R. Butnaru, M. Vizitiu, Compus de coordinație al FeIII și procedeu de obținere, RO126207
2. C. S. Stan, D. Sibiescu, I. Rosca, I. Cretescu, D. M. Tutulea, Compozit fosforescent și procedeu de obținere a acestuia, RO126406
3. C. S. Stan, I. Cretescu, D. Sibiescu, M. S. Secula, Procedeu de obtinere a unui compozit fluorescent pe baza de polietilentereftalat si nanocristale de seleniura de cadmiu, RO128622
4. C. S. Stan, D. Sibiescu, I. Rosca, I. Cretescu, Procedeu de sinteză a nanocristalelor fluorescente de seleniură de cadmiu, RO127186
5. C. S. Stan, M. Popa, P. Horlescu, Compozit fotoluminescent pe bază de polimeri hidrosolubili și complecși ai gadoliniului, RO31560
6. C. S. Stan, M. S. Secula, Procedeu de preparare criogeluri polimerice pe bază de 2-Hidroxietil metacrilat și oxid de grafen, RO132703A2

d) NC > 50

Numărul total de citări ale candidatului este **266**, indicele Hirsch este **9.** *Print screen de pe Scopus la sfarsitul documentului.*
Numărul de citari fara citarile tuturor co-autorilor este **214**. *Print screen de pe Scopus la sfarsitul documentului.*

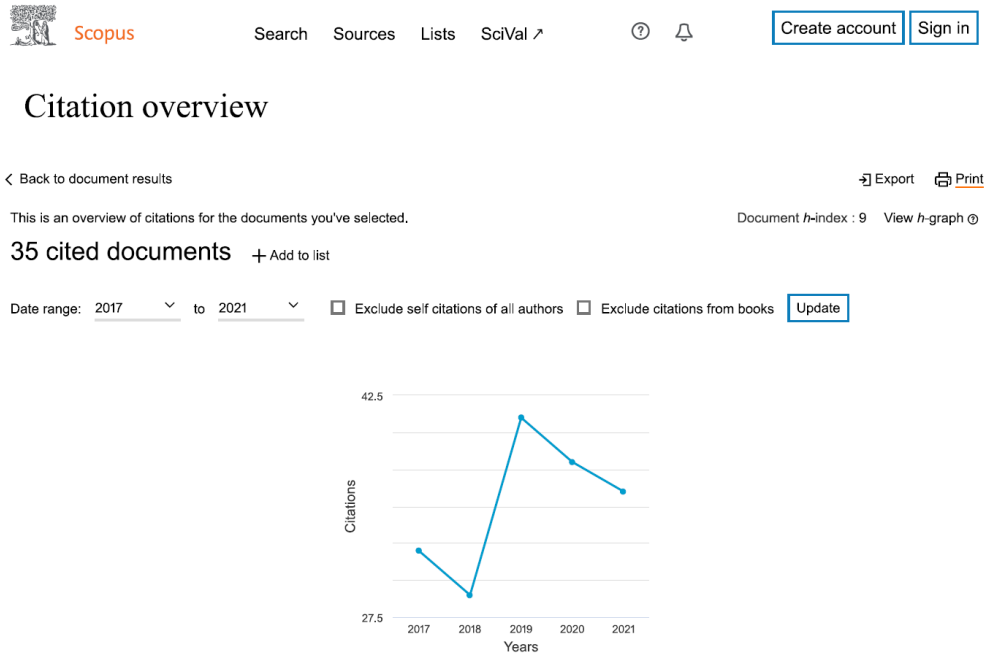
e) NCO ≥ 1 (in calitate de Director proiect/Responsabil proiect)

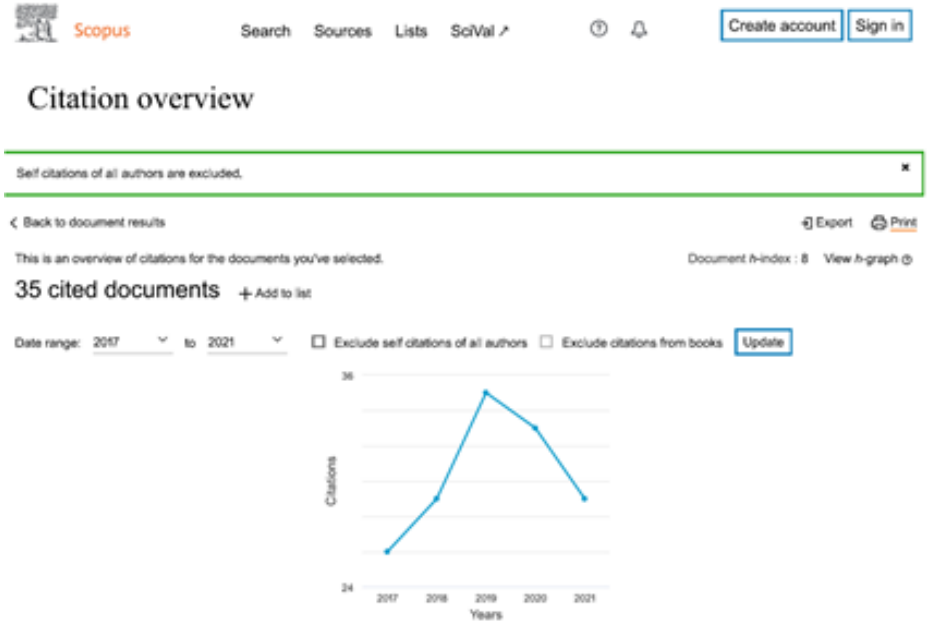
Director/Responsabil proiect:

-Le Studium Institute for Advanced Studies Franta ‘Carbon nanomaterials as solar UV protectors targeting applications ranging from paints/varnishes to pharma/cosmetic products’ https://www.lestudium-ias.com/content/studium-research-fellowship

Data: 17.12.2021

Dr. ing. Corneliu Sergiu Stan





	Documents	Citations	<2017	2017	2018	2019	2020	2021	Subtotal	>2021	Total
		Total	**88**	**32**	**29**	**41**	**38**	**36**	**176**	**2**	**266**
1	Manganese-doped n-hydroxyphthalimide-derived carbon dots—the...	2021							0		0
2	Flash-cooling assisted sol-gel self-ignited synthesis of mag...	2020						1	**1**	1	**2**
3	NHF-derived carbon dots: prevalidation approach in breast ca...	2020						3	**3**		**3**
4	Highly photoemissive polymer–transition metal complexes base...	2020							0		0
5	Fe(III) doped carbon nanodots with intense green photolumine...	2019					1	1	**2**		**2**
6	Entrapment of N-hydroxyphthalimide carbon dots in different ...	2019					3	4	**7**		**7**
7	A new approach to obtain aerogels for gas safety application...	2019							0		0
8	Spectral properties of HEMA/poly(HEMA) as ligand in luminesc...	2018							0		0
9	Controlling the release kinetics of calcein loaded liposomes...	2018				4	5		**9**	1	**10**
10	Kinetics and equilibrium studies of 4-chlorophenol adsorptio...	2018				3	2	1	**6**		**6**
11	Photoemissive polymer composite based on new Y(III), Gd(III)...	2017							0		0
12	Facile preparation of highly luminescent composites by polym...	2017		1		7	4	3	**15**		**15**
13	Photoluminescent polymer composites with R, G, B emission an...	2016		2	1	1	1	1	**6**		**6**
14	Fluorescent carbon dots prepared through thermal processing ...	2016			1	2	1	1	**5**		**5**
15	Synthesis, characterization and toxicity analysis of some Mn...	2015							0		0
16	Synthesis, structure and luminescent properties of new Ce(II...	2015							0		0
17	Erratum:Photoluminescent Polymer Composites Based on New Tb(...	2015							0		0
18	Photoluminescent properties of novel Y(III), Sm(III), Eu(III...	2015	5	4	3	2			**9**		**14**
19	New complexes of 2-(1H-1, 2, 4-triazol-3-yl) pyridine with C...	2015						1	**1**		**1**
	Documents	Citations	<2017	2017	2018	2019	2020	2021	Subtotal	>2021	Total
		Total	**88**	**32**	**29**	**41**	**38**	**36**	**176**	**2**	**266**
20	One step synthesis of fluorescent carbon dots through pyroly...	2015	12	11	7	7	5	6	**36**		**48**
21	Synthesis and characterization of PSSA-Polyaniline composite...	2015	4	2	3	5	1	5	**16**		**20**
22	Effects of electric current type and electrode configuration...	2014	4		1		1	1	**3**		**7**
23	Photoluminescent red, green and blue monoliths of new Eu(III...	2014	2						0		**2**
24	Removal of rhodamine 6G from aqueous effluents by electrocoa...	2014	4	1	3	3	2	1	**10**		**14**
25	Photoluminescent Polymer Composites Based on New Tb(III) and...	2014	1	1			1		**2**		**3**
26	Multi-Objective Optimization of Indigo Carmine Removal by an...	2014	1	2	1		1		**4**		**5**
27	A new photoluminescent silica aerogel based on N-hydroxysucc...	2014	2	1	1	2			**4**		**6**
28	Fractional factorial design study on the performance of GAC-...	2013	32	3	2	2	8	6	**21**		**53**
29	Luminescent xerogels obtained through embedding Tb(III) and ...	2013	1	1	1				**2**		**3**
30	Solar energy-powered phosphorescent composites for utilitari...	2012							0		0
31	Highly luminescent polystyrene embedded CdSe quantum dots ob...	2012	10	1		2		1	**4**		**14**
32	Highly luminescent europium and terbium complexes based on s...	2012	6		3				**3**		**9**
33	Electrochemical sensors for heavy metal ions detection from ...	2012	2	1	2	1	1		**5**		**7**
34	New Gd(III) complexes based on Succinimide, N- hydroxysuccin...	2011		1					**1**		**1**
35	Phosphorescent composites based on polyethyleneterephtalate	2010	2				1		**1**		**3**

	Documents	Citations	<2017	2017	2018	2019	2020	2021	Subtotal	>2021	Total
		Total	**60**	**26**	**29**	**35**	**33**	**29**	**152**	**2**	**214**
1	Manganese-doped n-hydroxyphthalimide-derived carbon dots—the...	2021							0		0
2	Flash-cooling assisted sol-gel self-ignited synthesis of mag...	2020						1	**1**	1	**2**
3	NHF-derived carbon dots: prevalidation approach in breast ca...	2020						1	**1**		**1**
4	Highly photoemissive polymer–transition metal complexes base...	2020							0		0
5	Fe(III) doped carbon nanodots with intense green photolumine...	2019							0		0
6	Entrapment of N-hydroxyphthalimide carbon dots in different ...	2019					2	2	**4**		**4**
7	A new approach to obtain aerogels for gas safety application...	2019							0		0
	Documents	Citations	<2017	2017	2018	2019	2020	2021	Subtotal	>2021	Total
		Total	**60**	**26**	**29**	**35**	**33**	**29**	**152**	**2**	**214**
8	Spectral properties of HEMA/poly(HEMA) as ligand in luminesc...	2018							0		0
9	Controlling the release kinetics of calcein loaded liposomes...	2018				4	5		**9**	1	**10**
10	Kinetics and equilibrium studies of 4-chlorophenol adsorptio...	2018				3	2	1	**6**		**6**
11	Photoemissive polymer composite based on new Y(III), Gd(III)...	2017							0		0
12	Facile preparation of highly luminescent composites by polym...	2017		1		5	2	2	**10**		**10**
13	Photoluminescent polymer composites with R, G, B emission an...	2016		1	1	1	1	1	**5**		**5**
14	Fluorescent carbon dots prepared through thermal processing ...	2016			1	2	1	1	**5**		**5**
15	Synthesis, characterization and toxicity analysis of some Mn...	2015							0		0
16	Synthesis, structure and luminescent properties of new Ce(II...	2015							0		0
17	Erratum:Photoluminescent Polymer Composites Based on New Tb(...	2015							0		0
18	Photoluminescent properties of novel Y(III), Sm(III), Eu(III...	2015	4	3	3	2			**8**		**12**
19	New complexes of 2-(1H-1, 2, 4-triazol-3-yl) pyridine with C...	2015						1	**1**		**1**
20	One step synthesis of fluorescent carbon dots through pyroly...	2015	11	10	7	6	5	5	**33**		**44**
21	Synthesis and characterization of PSSA-Polyaniline composite...	2015	4	2	3	5	1	5	**16**		**20**
22	Effects of electric current type and electrode configuration...	2014	2		1		1	1	**3**		**5**
23	Photoluminescent red, green and blue monoliths of new Eu(III...	2014	2						0		**2**
24	Removal of rhodamine 6G from aqueous effluents by electrocoa...	2014	3	1	3	3	2	1	**10**		**13**
25	Photoluminescent Polymer Composites Based on New Tb(III) and...	2014	1	1			1		**2**		**3**
26	Multi-Objective Optimization of Indigo Carmine Removal by an...	2014		1	1		1		**3**		**3**
27	A new photoluminescent silica aerogel based on N-hydroxysucc...	2014	2	1	1	1			**3**		**5**
28	Fractional factorial design study on the performance of GAC-...	2013	16	2	2		7	6	**17**		**33**
29	Luminescent xerogels obtained through embedding Tb(III) and ...	2013		1	1				**2**		**2**
	Documents	Citations	<2017	2017	2018	2019	2020	2021	Subtotal	>2021	Total
		Total	**60**	**26**	**29**	**35**	**33**	**29**	**152**	**2**	**214**
30	Solar energy-powered phosphorescent composites for utilitari...	2012							0		0
31	Highly luminescent polystyrene embedded CdSe quantum dots ob...	2012	9	1		2		1	**4**		**13**
32	Highly luminescent europium and terbium complexes based on s...	2012	3		3				**3**		**6**
33	Electrochemical sensors for heavy metal ions detection from ...	2012	1	1	2	1	1		**5**		**6**
34	New Gd(III) complexes based on Succinimide, N- hydroxysuccin...	2011							0		0
35	Phosphorescent composites based on polyethyleneterephtalate	2010	2				1		**1**		**3**