Fisa de calcul si de sustinere a indeplinirii standardelor minimale specifice domeniului

Proiecte de cercetare

1. Technologies for valorization in the concrete industry of waste ash from non-green historical landfills “HisAshCon” (2025-2027) – **Partner project responsible**
2. Photoabsorbing CZTS thin-films with continuous gradient of Cu-concentration for the next generation of photovoltaic devices (2025-2027) – **Project Manager**
3. Advanced ceramic thermal barrier coatings developed by EB-PVD combinatorial deposition technique, (2017-2019) – **project Responsible**;
4. Technologies for the recovery of sludge from urban waste water treatment plants and waste from waste dumps, (2017 – 2018) – **project Responsible.**
5. Re-generating (raw) materials and end-of-life products for re-use in Cement/Concrete (RECEMENT), UEFISCDI – European and International Cooperation, Subprogram 3.2. Horizon 2020, Contract No. 115/2019 (2019-2022) – **Project Manager;**
6. Innovative Concept of Proton Exchange Membrane Electrochemical Hydrogen Compressor for Hydrogen Refueling Station (2022-2024), 719PED / 2022. – **project Responsible.**

Nr. UNSTPB 13163 05/05/2025 Nr. înregistrare UEFISCDI 173/06.06.2025

CONTRACT DE FINANȚARE PENTRU EXECUȚIE PROIECTE

NR. 116PED / 2025

Finanțare:	bugetul de stat
Denumirea Programului din PN IV:	Programul 5.7 - Parteneriat pentru Inovare
Denumirea Subprogramului:	Subprogramul 5.7.1 - Parteneriate pentru competitivitate
Tip proiect:	Proiect experimental demonstrativ
Titlul proiectului:	Straturi subtiri fotoabsorbante de tipul CZTS cu gradient continuu al concentratiei de Cu pentru generatia urmatoare de dispozitive fotovoltaice
Valoarea totală a Contractului:	771.165,00 lei
Din care, pe surse:	
Sursa 1 - de la bugetul de stat:	746.162,00 lei
Sursa 2 - din alte surse atrase: (cofinanțare)[1]	25.003,00 lei
Durata contractului:	24 luni
Nr. de pagini ale contractului:	______ pagini
Autoritatea Contractantă:	Unitatea Executivă pentru Finanțarea Învățământului Superior, a Cercetării, Dezvoltării și Inovării
Contractor:	UNIVERSITATEA NAȚIONALĂ DE ȘTIINȚĂ ȘI TEHNOLOGIE POLITEHNICA BUCUREȘTI

Semnături:

De acord pentru Contractor	**De acord pentru Autoritatea Contractantă**
La București	**La** București
Data ________	**Data** ________
UNIVERSITATEA NAȚIONALĂ DE ȘTIINȚĂ ȘI TEHNOLOGIE POLITEHNICA BUCUREȘTI	**Unitatea Executivă pentru Finanțarea Învățământului Superior, a Cercetării, Dezvoltării și Inovării**
Rector Mihnea Cosmin Costoiu	**Director general UEFISCDI,** Adrian Curaj
Director de proiect Bogdan Stefan Vasile	
Director Economic Dorina Adamescu	**pentru Director Economic,** **Lucia BOICENCO**
Consilier juridic Jurist Raluca Andreea Hodrea	

MINISTERUL EDUCAȚIEI ȘI CERCETĂRII U.E.F.I.S.C.D.I. VIZAT PENTRU CONTROL FINANCIAR PREVENTIV PROPRIU NR. 5 Data acordării vizei: 2025 luna 06 ziua 06

UNIVERSITATEA NAȚIONALĂ DE ȘTIINȚĂ ȘI TEHNOLOGIE POLITEHNICA BUCUREȘTI CONTROL FINANCIAR PREVENTIV PROPRIU

Nr. înregistrare Contractor

MINISTERUL EDUCAȚIEI NAȚIONALE
UNIVERSITATEA POLITEHNICA DIN BUCUREȘTI
REGISTRATURA 14928
IEȘIRE
20 19 LUNA 09 ZIUA 9

Nr. înregistrare UEFISCDI PN3-P3-529/09.09.2019

CONTRACT DE FINANȚARE PENTRU EXECUȚIE PROIECTE

NR. 115 / 2019

Finanțare:	bugetul de stat
Denumirea Programului din PN III:	Cooperarea Europeană și Internațională - Subprogram 3.2 Orizont 2020
Tip proiect:	ERANET
Titlul proiectului:	Regenerarea materiilor prime (brute) și a produselor aflate la sfârșit de viață pentru a fi reutilizate în cimenturi/betoane (RECEMENT)
Valoarea totală a contractului:	763.898,00 lei reprezentând 161.160,00 euro[1]
Din care pe surse de finanțare:	
Sursa 1 - de la bugetul de stat:	763.898,00 lei reprezentând 161.160,00 euro[2]
Sursa 2 - din alte surse atrase (contribuție financiară proprie):	0,00 lei reprezentând 0,00 euro[3]
Durata contractului:	36 luni
Nr. de pagini ale contractului:	_____ pagini
Autoritatea Contractantă:	Unitatea Executivă pentru Finanțarea Învățământului Superior, a Cercetării, Dezvoltării și Inovării
Contractor:	UNIVERSITATEA POLITEHNICA DIN BUCURESTI

Semnături:

De acord pentru Contractor	**De acord pentru Autoritatea Contractantă**
La Bucuresti	La București
Data _________	**Data** _________
UNIVERSITATEA POLITEHNICA DIN BUCUREȘTI	**Unitatea Executivă pentru Finanțarea Învățământului Superior, a Cercetării, Dezvoltării și Inovării**
Rector/Director General Mihnea Costoiu	**Director general UEFISCDI,** **Adrian CURAJ**
Director de proiect Dr. Bogdan Ștefan Vasile B. V-A	
Director economic/Contabil Șef Ec. Dorina Adamescu	**pentru Director Economic,** **Lucia BOICENCO**
Consilier juridic Jurist Andreea Raluca Hodrea	

[1] Valoare estimativă la data semnării contractului
[2] Valoare în euro menționată în bugetul aprobat de către ANCSI
[3] Valoare estimativă la data semnării contractului
[4] Valoare estimativă la data semnării contractului

UNIV. POLITEHNICA BUCUREȘTI
CONTROL FINANCIAR PREVENTIV PROPRIU
2

MINISTERUL EDUCAȚIEI NAȚIONALE
U.E.F.I.S.C.D.I.
VIZA PENTRU CONTROL FINANCIAR PREVENTIV PROPRIU
NR. 1
Data 2019 09 09

B. V-A

Articole Cotate ISI

Nr.Crt.	Denumire articol/Autori/Revista	FI	Nr. Autori	Autor Principal	FIC (2025)
Autor Principal					
1.	Hydroxyapatite-Doped Coatings with Antimicrobial Properties by Matrix Assisted Pulsed Laser Evaporation, Diana-Elena Radulescu, Bogdan Stefan Vasile, Vasile-Adrian Surdu, Roxana Doina Trusca, Alexandra Catalina Birca, Cornelia-Ioana Ilie, Lia-Mara Ditu, Ludmila Motelica, Ionela Andreea Neacsu, Iulian Boerasu, Simona Brajnicov, Cosmin Iulian Codrea, Ecaterina Andronescu, Journal of Materials Research and Technology, 38, 2025, Pages 2534-2555, https://doi.org/10.1016/j.jmrt.2025.08.093, WOS:001659817600001, **Q1**	6.6	13	DA Autor de corespondență	6.6
2.	Antimicrobial chitosan-silk fibroin scaffolds with green-synthesized metal oxide nanoparticles, Denisa-Maria Radulescu, Bodgan Stefan Vasile, Vasile-Adrian Surdu, Roxana-Doina Trusca, Cornelia-Ioana Ilie, Roxana Cristina Popescu, Ecaterina Andronescu, Veronica Drumea, Lia-Mara Ditu, Journal of Drug Delivery Science and Technology, 114, 2025, 107463, https://doi.org/10.1016/j.jddst.2025.107463, WOS:001564243600002 , **Q1**	4.9	9	DA Autor de corespondență	4.9
3.	Silk fibroin-based scaffolds for wound healing applications with metal oxide nanoparticles, Denisa-Maria Radulescu, Ecaterina Andronescu, Otilia Ruxandra Vasile, Anton Ficai, Bodgan Stefan Vasile, Journal of Drug Delivery Science and Technology, 105689, https://doi.org/10.1016/j.jddst.2024.105689, WOS:001220354700001, **Q1**	4.9	5	DA Autor de corespondență	4.9
4.	Current Status of the Open-Circuit Voltage of Kesterite CZTS Absorber Layers for Photovoltaic Applications - Part I, a Review, Iulian Boerasu, Bogdan Stefan Vasile, Materials 2022, 15(23), 8427; https://doi.org/10.3390/ma15238427, WOS:000897334400001, **Q2**	3.2	2	DA Autor de corespondență	3.2
5.	Fly-Ash Evaluation as Potential EOL Material Replacement of Cement in Pastes: Morpho-Structural and Physico-Chemical Properties Assessment, Bogdan Stefan Vasile, Adrian-Ionut Nicoara, Vasile-Adrian Surdu, Vladimir Lucian Ene, Ionela Andreea Neacsu, Alexandra Elena Stoica, Ovidiu Oprea, Iulian Boierasu, Roxana Trusca, Mirijam Vrabec, Blaz Miklavic, Saso Sturm, Cleva Ow-Yang, Mehmet Ali Gulgun, Zeynep Basaran Bundur, Materials 2022, 15, 3092. https://doi.org/10.3390/ma15093092, WOS:000795373500001, **Q2**	3.2	15	DA	3.2
6.	Thermally Activated Al(OH)3 Part II—Effect of Different Thermal Treatments, Bogdan Stefan Vasile, Gheorghe Dobra, Sorin Iliev, Lucian Cotet, Ionela Andreea Neacsu, Vasile Adrian Surdu, Adrian Ionut Nicoara, Alina Boiangiu, Laurențiu Filipescu, Ceramics 2021, 4(4), 564-575; https://doi.org/10.3390/ceramics4040040, WOS:000736193500001, **Q2**	2	9	Da	2
7.	Thermally Activated Al(OH)3: Part I—Morphology and Porosity Evaluation, Bogdan Stefan Vasile, Gheorghe Dobra, Sorin Iliev, Lucian Cotet, Ionela Andreea Neacsu, Adrian Ionut Nicoara, Vasile Adrian Surdu, Alina Boiangiu, Laurențiu Filipescu, Ceramics 2021, 4(2), 265-277; https://doi.org/10.3390/ceramics4020021, WOS:000706499300001, **Q2**	2	9	Da	2

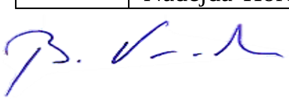
8.	Synthesis and Characterization of Photoluminescent Ce(III) and Ce(IV) Substituted Hydroxyapatite Nanomaterials by Co-Precipitation Method: Cytotoxicity and Biocompatibility Evaluation, Andrei Viorel Paduraru, Adina Magdalena Musuc, Ovidiu Cristian Oprea, Roxana Trusca, Florin Iordache, Bogdan Stefan Vasile, Ecaterina Andronescu, Nanomaterials 2021, 11(8), 1911; https://doi.org/10.3390/nano11081911, WOS:000689776000000, **Q1**	4.3	7	DA Autor de corespondență	4.3
9.	Scar-Free Healing: Current Concepts and Future Perspectives, A. E. Stoica, A. M. Grumezescu, A. O. Hermenean, E. Andronescu, B. S. Vasile, Nanomaterials 2020, Volume 10, Issue 11, https://doi.org/10.3390/nano10112179, WOS:000593808000001, **Q1**	4.3	5	DA Autor de corespondență	4.3
10.	End-of-life materials used as supplementary cementitious materials in concrete industry, Adrian Ionut Nicoara, Alexandra Elena Stoica, Mirijam Vrabec, Nastja Rogan Šmuc, Saso Sturm, Cleva Ow-Yang, Mehmet Ali Gulgun, Zeynep Basaran Bundur, Ion Ciuca, Bogdan Stefan Vasile, Materials, Materials 2020, 13(8), 1954, doi:10.3390/ma13081954, WOS:000531829000158, **Q2**	3.2	10	DA Autor de corespondență	3.2
11.	Wound dressings coated with silver nanoparticles and essential oils for the management of wound infections, B.S. Vasile, , Birca, A.C., Musat, M.C., Holban, A.M., Materials, Volume 13, Issue 7, https://doi.org/10.3390/ma13071682,WOS:000529875600200, **Q2**	3.2	4	DA	3.2
12.	Ceramic Composite Materials Obtained by Electron-Beam Physical Vapor Deposition Used as Thermal Barriers in the Aerospace Industry, B.S. Vasile, A.C. Birca, V.A. Surdu, I.A. Neacsu, A.I. Nicoară, Nanomaterials, 2020, Volume 10, Issue 2, Pages 370, 10.3390/nano10020370, WOS:000522456300189, **Q1**	4.3	5	DA	4.3
13.	Recent advances in magnetite nanoparticle functionalization for nanomedicine, Popescu, R.C., Andronescu, E., Vasile, B.S., Nanomaterials, 2019, Volume 9, Issue 12, 10.3390/nano9121791, WOS:000506675800146, **Q1**	4.3	3	DA Autor de corespondență	4.3
14.	Bi1−xEuxFeO3 Powders: Synthesis, Characterization, Magnetic and Photoluminescence Properties, Vasile-Adrian Surdu, Roxana Doina Trușcă, Bogdan Ștefan Vasile, Ovidiu Cristian Oprea, Eugenia Tanasă, Lucian Diamandescu, Ecaterina Andronescu, Adelina Carmen Ianculescu, Nanomaterials, 2019, Volume 9, Issue 10, 10.3390/nano9101465, WOS:000495666800120, **Q2**	4.3	8	DA Autor de corespondență	4.3
15.	Photoluminescent Hydroxylapatite: Eu3+ Doping Effect on Biological Behaviour, Andronescu, E., Predoi, D., Neacsu, I.A., Paduraru, A.V., Musuc, A.M., Trusca, R., Oprea, O., Tanasa, E., Vasile, O.R., Nicoara, A.I., Surdu, V.A., Iordache, F., Birca, A.C., Iconaru, S.L., Vasile, B.S., Nanomaterials, 2019, Volume 9, Issue 9, https://doi.org/10.3390/nano9091187, WOS:000489101900004, **Q2**	4.3	15	DA Autor de corespondență	4.3
16.	Towards understanding the enhancement of antibacterial activity in manganese doped ZnO nanoparticles, Mesaros A, Vasile BS, Toloman D, Pop OL, Marinca T, Unguresan M, Perhaita I, Filip M, Iordache F, Applied Surface Science, 2019, Volume 471, Pages 960-972, https://doi.org/10.1016/j.apsusc.2018.12.086, WOS:000455471100110, **Q1**	6.9	9	DA Autor de corespondență	6.9

B. V-.h

17.	Luminescent Hydroxyapatite Doped with Rare Earth Elements for Biomedical Applications, I.A. Neacsu, A.E. Stoica, B.S. Vasile, E. Andronescu, Nanomaterials, 2019, Volume 9, Issue 2, https://doi.org/10.3390/nano9020239, WOS:000460806700108, **Q1**	4.2	4	DA Autor de corespondență	4.2
18.	Study of Edge and Screw Dislocation Density in GaN/Al2O3 Heterostructure, Vladimir Lucian Ene, Doru Dinescu, Iulia Zai, Nikolay Djourelov, Bogdan Stefan Vasile, Andreea Bianca Serban, Victor Leca, Ecaterina Andronescu, Materials, 2019, Volume 12, Issue 24, Pages 4205, 10.3390/ma12244205, WOS:000507308200183, **Q2**	3.1	8	DA Autor de corespondență	3.1
19.	Structure–grain size–synthesis route of silver nanoparticles: a correlation with the cytotoxic effect, OTILIA-RUXANDRA Vasile, ECATERINA Andronescu, ROXANA Trușcă, EUGENIU Vasile, ALINA-MARIA Holban, Mariana-Carmen Chifiriuc, Florin Iordache, Horia Maniu, Coralia Bleotu, IONELA ANDREEA Neacşu, BOGDAN-ŞTEFAN Vasile, Romanian journal of morphology and embryology, 2019, Volume 60, Issue 2, Pages 617-628, WOS:000493322700029, **Q3**	1.5	11	DA Autor de corespondență	1.5
20.	Antimicrobial wound dressings as potential materials for skin tissue regeneration, Paduraru, A., Ghitulica, C., Trusca, R., Surdu, V.A., Neacsu, I.A., Holban, A.M., Birca, A.C., Iordache, F., Vasile, B.S., Materials, 2019, Volume 12, Issue 11, Pages 1859, https://doi.org/10.3390/ma12111859, WOS:000472638600133, **Q2**	3.2	9	DA Autor de corespondență	3.2
21.	Porous ceramic support embedded with microorganisms used in water purification, Ghitulica C., Stefan S., Vasile O.R., Trusca R., Neacsu I.A., Vasile B.S., Romanian Journal of Materials, 2019, Volume 49, Issue 1, Pages 33-41, WOS:000461413500004, **Q4**	0.7	6	DA Autor de corespondență	0.7
22.	Probing the dielectric, piezoelectric and magnetic behavior of CoFe2O4/BNT-BT0.08 composite thin film fabricated by sol-gel and spin-coating methods, Cernea M, Vasile BS, Surdu VA, Trusca R, Bartha C, Craciun F, Galassi C, Scientific Reports, 2018, Volume 8, Issue 1, 10.1038/s41598-018-36232-3, WOS:000453224400044, **Q1**	3.9	6	DA Autor de corespondență	3.9
23.	Microstructure of 800 keV Ar ion irradiated thin ZrC films, Vasile, B.S., Craciun, D., Ionescu, P., Pantelica, D., Dorcioman, G., Craciun, V., Applied Surface Science, 2018, Volume 442, Pages 773-777, 10.1016/j.apsusc.2018.02.216, WOS:000428294500090, **Q1**	6.9	5	DA	6.9
24.	Structural and physical properties of InAlAs quantum dots grown on GaAs, Vasile, B.S., Daly, A.B., Craciun, D., Alexandrou, I., Lazar, S., Lemaître, A., Maaref, M.A., Iacomi, F., Craciun, V., Physica B: Condensed Matter, 2018, Volume 535, Pages 262-267, 10.1016/j.physb.2017.07.054, WOS:000427578300051, **Q2**	2.8	8	DA	2.8
25.	Mg–Zn alloys, most suitable for biomedical applications, Birca, A.B., Neacsu, I.A., Vasile, O.R., Ciuca, I., Vasile, I.M., Fayeq, M.A., Vasile, B.S., Romanian journal of morphology and embryology, 2018, Volume 59, Issue 1, Pages 49–54, WOS:000438117200006, **Q3**	1.5	7	DA Autor de corespondență	1.5
26.	Eu3+-doped ZnO nanostructures: advanced characterizations, photoluminescence and cytotoxic effect, Vasile, B.S., Vasile, O.R., Ghiţulică, C.D., Ilie, F.C., Nicoară, I.F., TruSca, R., Oprea, O., Surdu, V.A., NeacSu, I.A., Romanian journal of morphology and embryology, 2017, Volume 58, Issue 3, Pages, 941–952, WOS:000419089600028, **Q3**	1.5	9	DA	1.5

27.	Influence of the size and the morphology of ZnO nanoparticles on cell viability, Vasile, O.R., Serdaru, I., Andronescu, E., Trusca, R., Surdu, V.A., Oprea, O., Ilie, A., Vasile, B.S., Comptes Rendus Chimie, 2015, Volume 18, Issue 12, Pages 1335-1343, 10.1016/j.crci.2015.08.005, WOS:000368050300012, **Q3**	1.2	8	DA Autor de corespondență	1.2
28.	Structural and electrical properties of NBT-BT0.08 ceramic prepared by the pyrosol method, C. Ghitulica, M. Cernea, B. S. Vasile, E. Andronescu, O. R. Vasile, C. Dragoi, R. Trusca, Ceramics International, 2013, Volume 39, Issue 5, Pages 5925–5930, 10.1016/j.ceramint.2013.01.015, WOS:000318577600148, **Q1**	5.6	7	DA Autor de corespondență	5.6
29.	Synthesis and characterization of a novel controlled release zincoxide/gentamicin–chitosan composite with potential applications in wounds care, B. S. Vasile, O. Oprea, G. Voicu, A. Ficai, E. Andronescu, A. Teodorescu, A. Holban, International Journal of Pharmaceutics, 2014, Volume 463 Issue 2, 161-169, 10.1016/j.ijpharm.2013.11.035, WOS:000331188000007, **Q1**	5.2	7	DA	5.2
30.	Synthesis, structural and morphological characteristics, magnetic and optical properties of Co doped ZnO nanoparticles, A. Mesaros, C. D. Ghitulica, M. Popa, R. Mereu, A. Popa, T. Petrisor Jr., M. Gabor, A. I. Cadis, B. S. Vasile, Ceramics International, 2014, Volume 40, Issue 2, Pages 2835–2846, https://doi.org/10.1016/j.ceramint.2013.10.030, WOS:000329882100039, **Q1**	5.6	9	DA Autor de corespondență	5.6
31.	Synthesis and characterization of nanostructured zinc oxide particles synthesized by the pyrosol method, O. R. Vasile, E. Andronescu, C. Ghitulica, B.S. Vasile, O. Oprea, E. Vasile, R. Trusca, J Nanopart Res, 2012, Volume 14, Issue 12, 10.1007/s11051-012-1269-7, WOS:000312894200014, **Q2**	2.6	7	DA Autor de corespondență	2.6
32.	Microstructure and electrical properties of zirconia and composite nanostructured ceramics sintered by different methods, B.S. Vasile, E. Andronescu, C. Ghitulica, O. R. Vasile, L. Curechiu, R. Scurtu, E. Vasile, R. Trusca, L. Pall, V. Aldica, Ceramics International, 2013, Volume 39, Issue 3, Pages 2535–2543, 10.1016/j.ceramint.2012.09.013, WOS:000316032900044, **Q1**	5.6	10	DA	5.6
33.	Yttria totally stabilized zirconia nanoparticles obtained through the pyrosol method, B. S. Vasile, O. R. Vasile, C. Ghitulica, E. Andronescu, R. Dobranis, E. Dinu, R. Trusca, Phys. Status Solidi A, 2010, Volume 207, Issue 11, Pages 2499–2504, 10.1002/pssa.200925623, WOS:000284055700014, **Q3**	1.9	7	DA	1.9
34.	Structural Investigations on Yttria - Doped Zirconia Nanopowders Obtained by Sol-gel Method, B. S. Vasile, C. Ghitulica, N. Popescu-Pogrion, S. Constantinescu, I. Mercioniu, R. Stan, E. Andronescu, Journal of Optoelectronics and Advanced Materials, 2007, Volume 9, Issue 12, Pages 3774 – 3780, WOS:000251768700016, **Q4**	0.5	7	DA	0.5
					123.4

COAUTOR					
1.	Defective C-doped ZnO with enhanced photocatalytic and supercapacitor performances, Maria Stefan, Dana Toloman, Ameen Uddin Ammar, Arpad Mihai Rostas, Sergiu Macavei, Amélia-Elena Bocirnea, Bogdan Stefan Vasile, Ioana Perhaita, Adriana Popa, Ceramics International, Volume 52, Issue 1, January 2026, Pages 960-973, https://doi.org/10.1016/j.ceramint.2025.11.396	5.6	9	NU	0.6
2.	Cellulose–Silver and Cellulose–Gold Bioactive Nanocomposites Obtained Using SCOBY Purified Membranes, Violeta Dediu, Mariana Bușilă, Claudia Ungureanu, Leontina Grigore-Gurgu, Mihaela Cotârleț, Cosmin Romanitan, Vasilica Tucureanu, Oana Brincoveanu, Bogdan Stefan Vasile, Gabriela Elena Bahrim, ACS Applied Bio Materials, 8, 11, 9650-9663, https://doi.org/10.1021/acsabm.5c00395	4.7	10	NU	0.5
3.	Direct High-Power Microwave Interaction with a Zinc Wire: A Novel Route to Crystalline ZnO Nanopowders Synthesis, George Mogildea, Marian Mogildea, Sorin I Zgura, Natalia Mihailescu, Doina Craciun, Valentin Craciun, Oana Brincoveanu, Alexandra Mocanu, Vasilica Tucureanu, Cosmin Romanitan, Alexandru Paraschiv, Bogdan S Vasile, Catalin-Daniel Constantinescu, Int. J. Mol. Sci. 2025, 26(18), 8981; https://doi.org/10.3390/ijms26188981	4.9	13	NU	0.4
4.	Orange Peel-Mediated Green Synthesis of ZnO and CuO Nanoparticles: Evaluation for Antimicrobial Activity and Biocompatibility in Tissue Engineering, Denisa-Maria Radulescu, Ionela Andreea Neacsu, Bogdan Stefan Vasile, Vasile-Adrian Surdu, Ovidiu-Cristian Oprea, Roxana-Doina Trusca, Cristina Chircov, Roxana Cristina Popescu, Cornelia-Ioana Ilie, Lia-Mara Ditu, Veronica Drumea, Ecaterina Andronescu, Int. J. Mol. Sci. 2025, 26(18), 8781; https://doi.org/10.3390/ijms26188781	4.9	11	NU	0.4
5.	Hemocompatible hydroxyapatite-CMC pulsed laser deposited coatings with biomineralization potential for implantable metallic surfaces, Ariana Hudiță, Valentina Grumezescu, Stefan Andrei Irimiciuc, Oana Gherasim, Sergii Chertopalov, Bianca Gălățeanu, Diana-Iuliana Stanciu, Bogdan Stefan Vasile, Alexandru Mihai Grumezescu, Materials Today Chemistry, Volume 48, September 2025, 103005, https://doi.org/10.1016/j.mtchem.2025.103005	6.7	9	NU	0.7
6.	Hibiscus rosa-sinensis− mediated synthesis of cobalt-zinc aluminate nanoparticles, characterization and their applications as pigments, Dana Gingasu, Bogdan Stefan Vasile, Roxana Doina Trusca, Jose Maria Calderon Moreno, Vasile-Adrian Surdu, Gabriela Marinescu, Simona Somacescu, Daniela C Culita, Constantin-Daniel Negut, Silviu Preda, Adelina-Carmen Ianculescu, Materials Science and Engineering: B, 319, 2025, 118367, https://doi.org/10.1016/j.mseb.2025.118367	4.6	11	NU	0.4
7.	Grain size effects in BaTi0. 90Hf0. 10O3 ceramics with phase coexistence: the influence of nanostructuring and of the internal stress on the functional properties, Elena Mirabela Soare, Cătălina-Andreea Stanciu, Roxana Elena Pătru, Vasile-Adrian Surdu, Leontin Pădurariu, Nadejda Horchidan, Adrian-Ionuţ Nicoară, Lucian Trupină, Bogdan Ştefan Vasile, Roxana	6.6	12	NU	0.6



	Doina Truşcă, Liliana Mitoşeriu, Adelina-Carmen Ianculescu, Journal of Materials Research and Technology, Volume 38, September–October 2025, Pages 5389-5408, https://doi.org/10.1016/j.jmrt.2025.08.195				
8.	Microwave-Assisted Hydrothermal Synthesis of Cu/Sr-Doped Hydroxyapatite with Prospective Applications for Bone Tissue Engineering, Diana-Elena Radulescu, Bogdan Stefan Vasile, Otilia Ruxandra Vasile, Ionela Andreea Neacsu, Roxana Doina Trusca, Vasile-Adrian Surdu, Alexandra Catalina Birca, Georgiana Dolete, Cornelia-Ioana Ilie, Ecaterina Andronescu, J. Compos. Sci. 2025, 9(8), 427; https://doi.org/10.3390/jcs9080427	3.7	10	NU	0.4
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B. V-A

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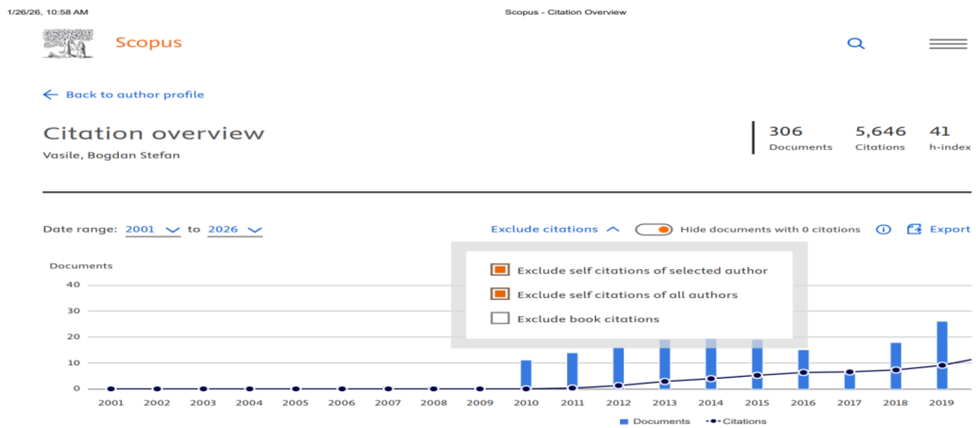

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