

## LISTA DE LUCRĂRI

DAVID GABRIELA-IULIA

Universitatea din București: Conferențiar Dr.

### A) CĂRȚI & CAPITOLE DE CARTE

- 1 Ion Gh. Tanase, Ion Ioneci, Iulia David, Cristina Matachescu, *Metode instrumentale de analiza. P. a III-a Culegere de probleme*. Editura Universitatii Bucuresti, **1995**.
2. Ion Gh. Tanase, Gabriel Lucian Radu, Iulia Gabriela David, *Tehnici electrochimice în bioanaliza*, Ed. didactica si pedagogica, Bucuresti, **1998**.
3. Ion Gh. Tanase, Gabriel Lucian Radu, Iulia Gabriela David, *Standardizarea, asigurarea calitatii si acreditarea laboratoarelor*, Ed. Universitatii Bucuresti, Bucuresti, **1998**.
4. Ion Gh. Tanase, Iulia Gabriela David, Mihaela Buleandra, *Ghidul calitatii in chimia analitica -Un indrumar pentru acreditare*, tradus si adaptat in lb. Romana, Ed. Ars Docendi, Bucuresti, **2002**.
5. Iulia David, G. L. Radu, *Utilizarea metodelor electrochimice in analiza farmaceutica, Progrese in Biotehnologie*, G. L. Radu (ed.), Ed. Ars. Docendi Bucuresti, **2002**, p.199-251.
6. E. E. Iorgulescu, Iulia Gabriela David, I. Tanase, V. David, G.L. Radu, *Determinarea electroanalitica a unor porfirine si pigmenti biliari*, in "Tendinte actuale in bioanaliza", (Ed. G.L. Radu) Ed. Printech, Bucuresti, **2003**, p.IV.190-IV.215.
7. Iulia Gabriela David, G. L. Rdau, S. Litescu, *Standardizarea masurarilor analitice in biostiinte*, in "Tehnici experimentale in bioanaliza", (Ed. G.L. Radu) Ed. Printech, Bucuresti, **2004**, p. 214-237.
8. Iulia Gabriela David, G. L. Radu, V. David, *Electroanaliza unor substante biologice (amino acizi, peptide, proteine si aciz nucleici)*, in "Elemente de bioelectroanaliza" (Ed. G. L. Radu), Ed. Printech, Bucuresti, **2005**, p.47-107,
9. Iulia Gabriela David, V. David, *Spectrochemical Methods of Analysis, A Laboratory Guide*, Ed. Universitatii din Bucuresti, **2006**.
10. Iulia Gabriela David, G. L. Radu, *Validarea metodelor (bio)analitice*, Ed. Printech, Bucuresti, **2006**.
11. Iulia Gabriela David, V. David, *Tehnici instrumentale avansate*, Ed. Universității din București, **2010**.

**B) ARTICOLE**

**B.1. Articole ISI publicate în reviste indexate WoS**

1. I.Tanase, I. Ioneci, S. Baduna, Julia Stancioiu, L. Vaszi, C. Luca, Selectivitate și rezoluție în metodele polarografice moderne I. Evaluarea rezoluției calitative (Selectivity and Resolution in Modern Polarographic Methods .1. Estimation of Quantitative Resolution), *Revista de Chimie*, 40(7), 593-600, **1989**.
2. I.Tanase, Julia Stancioiu, Study of Electrochemical Reduction on Dropping Mercury - Electrode by Classical Polarography, Alternating-Current Polarography of Some Organic-Compounds of Pharmaceutical Interest, Containing Nitro-Group. *Revue Roumain de Chimie*, 38(5), 495-504, **1993**.
3. I.Tanase, C. Matachescu, Julia David, I. Ioneci, Study of the Polarographic-Behavior and the Possibilities of Quantitative-Determination of Some Organic Sulfur-Containing-Compounds of Pharmaceutical Interest. *Revue Roumain de Chimie*, 38(10), 1133-1141, **1993**.
4. P. Härter, Julia David, Fulvenylsubstituierte Cp-Liganden, IV.Ein stabiles heterodinukleares Donor/Akzeptor-System mit 6-Pentafulvenylcyclopentadienyl-Brücke, *Journal of Organometallic Chemistry*, 459(1-2), C12-C14, **1993**. [https://doi.org/10.1016/0022-328X\(93\)86093-W](https://doi.org/10.1016/0022-328X(93)86093-W)
5. I.Tanase, Julia David, G. L. Radu, E. -E. Iorgulescu, V. Magearu, Optimised Electroanalysis of Tetracycline by Alternating Current Polarography. *Analisis*, 24, 281-284, **1996**.
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7. A.F. Danet, V. David, Julia Gabriela David, Acetaminophen Determination by Flow Injection Analysis with Biamperometric Detection. *Revue Roumain de Chimie*, 43(9), 811-816, 1998. **FI = 0,193**
8. S. C. Litescu, Julia Gabriela David, G. L. Radu, H. Y. Aboul-Enein, Voltammetric Determination of Coenzyme Q10 at a Solid Glassy Carbon Electrode, *Instrumentation Science & Technology*, 29(2), 109-116, **2001**. <https://doi.org/10.1081/CI-100103459> **FI = 0,484**
9. Julia Gabriela David, E. E.Iorgulescu, V. David, L. G. Radu, Voltammetric Determination of Some Antibiotics, *U.P.B. Sci. Bull., Series B: Chemistry and Materials Science*, 63(1), 361-368, **2001**.
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12. V. David, Julia Gabriela David, G. L. Radu, Determinarea cinetică simultană a două amine secundare prin regresie după componente principale. ([Simultaneous Kinetic Determination of Two Secondary Amines by Principal Component Regression](#)). *Revista de Chimie (Bucharest)*, 54(2), 97-101, **2003**. **FI = 0,291**
13. M.L. Matache, Julia Gabriela David, M. Matache, M. Ropota, Seasonal Variation in Trace Metals Concentrations in the Ialomita River, Romania. *Environmental Monitoring and Assessment*, 153 (1), 273-279, **2009**. <https://doi.org/10.1007/s10661-008-0354-y> **FI = 1,356** (2009); 3,000 (2022)
14. D.G. Pătrascu, V. David, I. Bălan, A. Ciobanu, Julia Gabriela David, P. Lazăr, I. Ciurea, I. Stamatina, A.A. Ciucu, Selective DPV Method of Dopamine Determination in Biological Samples Containing Ascorbic Acid. *Analytical Letters*, 43(7), 1100–1110, **2010**. <https://doi.org/10.1080/00032710903521900> **FI = 0,920** (2010); 2,000 (2022)
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16. I.A. Badea, L. Vladescu, Julia Gabriela David, V. David, S.C. Litescu, Development of a new HPLC Method for Determination of Papaverine in Presence of its Photooxidation Products. *Analytical Letters*, 43(7), 1217–1229, **2010**. <https://doi.org/10.1080/00032710903518641> **FI = 0,920** (2010); 2,000 (2022)
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19. D. Patrascu, Julia David, V. David, C. Mihailciuc, I. Stamatina, J. Ciurea, L. Nagy, G. Nagy, A. A. Ciucu, Selective Voltammetric Determination of Electroactive Neuromodulating Species in Biological Samples Using Iron(II) Phthalocyanine Modified Multi-wall Carbon Nanotubes Paste Electrode. *Sensors and Actuators B*, 156, 731-736, **2011**. <https://doi.org/10.1016/j.snb.2011.02.027> **FI = 3,898** (2011); 8,400 (2022)

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23. Julia Gabriela David, A.M. C. Bizgan, D. E. Popa, M. Buleandra, Z. Moldovan, I. A. Badea, T. A. Tekiner, H. Basaga, A. A. Ciucu, Rapid Determination of Total Polyphenolic Content in Tea Samples Based on Caffeic Acid Voltammetric Behavior on a Disposable Graphite Electrode. *Food Chemistry*, 173, 1059-1065, **2015**. <https://doi.org/10.1016/j.foodchem.2014.10.139> **FI = 4,052** (2015); 8,800 (2022)
24. Julia Gabriela David, M.-A. Florea, O. G. Cracea, D. E. Popa, M. Buleandra, E. E. Iorgulescu, V. David, I. A. Badea, A. A. Ciucu, Voltammetric Determination of B1 and B6 Vitamins on a Disposable Electrode, *Chemical Papers*. 69(7), 901-910, **2015**. <https://doi.org/10.1515/chempap-2015-0096> **FI = 1,326** (2015); 2,200 (2022)
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44. Iulia Gabriela David\*, D. E. Popa, M. Buleandra, M. C. Cheregi, Electrochemical Methods and (Bio)Sensors for Rosmarinic Acid Investigation, *Chemosensors*, 8, 74, **2020**. <https://doi.org/10.3390/chemosensors8030074> **FI = 3,398** (2020); 4,200 (2022)
45. M. Buleandă\*, D. E. Popa, Iulia Gabriela David\*, A. A. Ciucu, A Simple and Efficient Cyclic Square Wave Voltammetric Method for Simultaneous Determination of Epinephrine and Norepinephrine Using an Activated Pencil Graphite Electrode. *Microchemical Journal*, 160, 105621, **2021**. <https://doi.org/10.1016/j.microc.2020.105621> **FI = 5,304** (2021); 4,800 (2022)



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47. A.M. Ciobanu, L. Geza, Iulia Gabriela David, D. E. Popa, M. Buleandra, A. A. Ciucu, L. Dehelean, Actualities in Immunological Markers and eElectrochemical Sensors for Determination of Dopamine and its Metabolites in Psychotic Disorders (Review). *Experimental and Therapeutic Medicine* 22, 888, 2021. <https://doi.org/10.3892/etm.2021.10320> **FI = 2,751** (2021); 2,700 (2022)
48. A.M. Ciobanu, I. Ionita, M. Buleandra, Iulia Gabriela David, D. E. Popa, A. A. Ciucu, M. Budisteanu, Current Advances in Metabolomic Studies on Non-Motor Psychiatric Manifestations of Parkinson's Disease (Review). *Experimental and Therapeutic Medicine*, 22, 1010, 2021. <https://doi.org/10.3892/etm.2021.10443> **FI = 2,751** (2021); 2,700 (2022)
49. M. Buleandră, A. A. Ciucu, Iulia Gabriela David\*, D. Elena Popa, A. M. Ciobanu, C. D. Ștefănescu, Simultaneous Determination of Epinephrine and Norepinephrine by Electrochemical Reduction at the Pre-treated Pencil Graphite Electrode. *Revue Roumaine de Chimie*, 66(6), 567-572, 2021. <https://doi.org/10.33224/rch.2021.66.6.09> **FI = 0,41** (2021); 0,500 (2022)
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51. Iulia Gabriela David\*, N. Numan, M. Buleandră, D.-E. Popa, S. C. Lițescu, S. Riga, A.M. Ciobanu, Rapid Voltammetric Screening Method for the Assessment of Bioflavonoid Content Using the Disposable Bare Pencil Graphite Electrode. *Chemosensors*, 9, 323, 2021. <https://doi.org/10.3390/chemosensors9110323> **FI = 4,229** (2021); 4,200 (2022)
52. Iulia Gabriela David, M. Buleandră, D.-E. Popa, A.-M. Bercea, A.-A. Ciucu, Simple Electrochemical Chloramphenicol Assay at a Disposable Pencil Graphite Electrode by Square Wave Voltammetry and Linear Sweep Voltammetry. *Analytical Letters*, 55(10), 1531-1548, 2022. <https://doi.org/10.1080/00032719.2021.2012480> **FI = 2,000**
53. M. Buleandră, D. E. Popa, A. Popa, N.A.M. Codreanu, Iulia Gabriela David\*, Multi-Analyte Sensor Based on Pencil Graphite Electrode for Riboflavin and Pyridoxine Determination. *Journal of The Electrochemical Society*, 169, 017517, 2022. <https://doi.org/10.1149/1945-7111/ac4c77> **FI = 3,900**
54. Iulia Gabriela David\*, M. Buleandra, D.E. Popa, M.C. Cheregi, V. David, E.E. Iorgulescu, G.O. Tartareanu, Recent Developments in Voltammetric Analysis of Pharmaceuticals Using Disposable Pencil Graphite Electrodes. *Processes*, 10, 472, 2022. <https://doi.org/10.3390/pr10030472> **FI = 3,500**

55. Iulia Gabriela David\*, M. Buleandră, D. E. Popa, M.C.Cheregi; E.E. Iorgulescu, Past and Present of Electrochemical Sensors and Methods for Amphenicol Antibiotic Analysis. *Micromachines*, 13, 677, 2022. <https://doi.org/10.3390/mi13050677> **FI = 3,400**
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58. M. Buleandră, A.A Pătrașcu, D. E. Popa, Iulia Gabriela David\*, I.A. Badea, A.A. Ciucu, Facile Electrochemical Sensor for Sensitive and Selective Determination of Guaifenesin, Phenylephrine and Paracetamol on Electrochemically Pretreated Pencil Graphite Electrode. *Micromachines*, 13, 1213, 2022. <https://doi.org/10.3390/mi13081213> **FI = 3,400**
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