

**ИМЕ И ПРЕЗИМЕ:** др Владана Вујкојевић, ванр. професора на медицинском универзитету Каролинска институт, Одсек за клиничке неуронауке, Штокхолм, Шведска

**РАДОВИ У МЕЃУНАРОДНИМ ЧАСОПИСИМА** 92 научна рада у часописима са СЦИ листе (листа референци), од чега: 9 радова у међународним часописима изузетних вредности (M21a), 51 рад у врхунским међународним часописима (M21), 18 радова у истакнутим међународним часописима (M22) и 15 радова у међународним часописима (M23).

**РАДОВИ  
САОПШТЕНИ НА  
МЕЃУН.  
СКУПОВИМА**

Преко 70 радова представљених на међународним и националним научним скуповима, од чега више од 15 пута као предавач по позиву или пленарни предавач (листа референци).

**Invited speaker at workshops and winter/summer research schools**

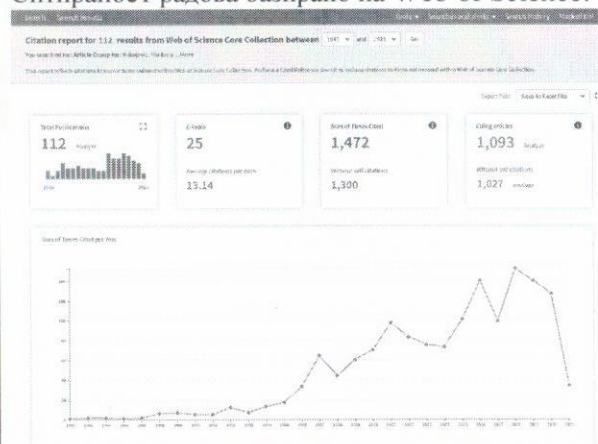
11. **Vukojević V.** (Invited lecturer)  
The 5<sup>th</sup> Cell Biology Science Workshop and the  
Pre-training course 2 on fluorescence microscopy  
Hokkaido Summer Institute  
September 9<sup>th</sup> – 16<sup>th</sup>, 2019
10. **Vukojević V.** (Invited lecturer)  
The 4<sup>th</sup> Cell Biology Science Workshop and the  
Pre-training course 2 on fluorescence microscopy  
Hokkaido Summer Institute  
July 23<sup>th</sup> – 29<sup>th</sup>, 2018
9. **Vukojević V.** (Invited lecturer)  
The 3<sup>rd</sup> Cell Biology Science Workshop and the  
Pre-training course 2 on fluorescence microscopy  
Hokkaido Summer Institute  
July 24<sup>th</sup> – 30<sup>th</sup>, 2017
8. **Vukojević V.** (Invited lecturer)  
EuroLife network, Medical University of Innsbruck  
October 12<sup>th</sup>, 2016, Innsbruck, Austria
7. **Vukojević V.** (Invited lecturer)  
The 2<sup>nd</sup> Cell Biology Science Workshop  
Hokkaido Summer Institute, Hokkaido University  
July 25<sup>th</sup> – 29<sup>th</sup>, 2016, Sapporo, Japan
6. **Vukojević V.** (Invited lecturer)  
Regional Biophysical School “Academician Radoslav K. Andjus” (NERKA)  
June 17<sup>th</sup> – 20<sup>th</sup>, 2016, Kotor, Montenegro
5. **Vukojević V.** (Invited lecturer)  
Hokkaido Summer Institute. Top Collaboration  
August 03<sup>rd</sup> – 14<sup>th</sup> 2015, Hokkaido University, Sapporo, Japan
4. **Vukojević V.** (Invited lecturer)

|  |  |
|--|--|
|  | <p>25th "Fluorescence Microscopy Training Course 2"<br/>August 03<sup>rd</sup> – 07<sup>th</sup> 2015, Hokkaido University, Sapporo, Japan</p> <p><b>3. Vukojević V.</b> (Invited lecturer)<br/>24th "Fluorescence Microscopy Training Course 2"<br/>January 14<sup>th</sup> – 16<sup>th</sup> 2015, Hokkaido University, Sapporo, Japan</p> <p><b>2. Vukojević V.</b> (Invited speaker)<br/>Quantitative characterization of molecular interactions in live cells by methods with single-molecule sensitivity<br/>IBRO NERKA School on Neurophotonics, Nov 28<sup>th</sup> – Dec 5<sup>th</sup>, 2014, Belgrade, Serbia</p> <p><b>1. Vukojević V.</b> (Invited speaker)<br/>Quantitative Live Cell Biochemistry. Dynamic regulation of biological processes through dimerization<br/>OIST international workshop "Single Protein Dynamics in cellulo: Spatio-temporal, Structural and Quantitative Analyses", April 21-25, 2014<br/>Okinawa Institute of Science and Technology Graduate University Okinawa</p>   |
| РЕЗУЛТАТИ У<br>РАЗВОЈУ<br>ОБРАЗОВНО-<br>НАУЧНЕ ОБЛАСТИ | <p><b>Чланство у професионалним организацијама</b><br/>American Chemical Society (ACS)<br/>Biophysical Society<br/>Institute of Electrical and Electronics Engineers (IEEE)<br/>Society for Industrial and Applied Mathematics (SIAM)<br/>Society of Physical Chemists of Serbia (DFHS)</p> <p><b>Рецензент</b><br/><i>Научни часописи:</i> Scientific Reports; Frontiers in Molecular Neuroscience; Journal of Physical Chemistry; Biophysical Journal, PLoS Computational Biology; Translational Psychiatry; Langmuir; FEBS Letters; Current Medicinal Chemistry; Computers in Biology and Medicine; Cell Biochemistry and Biophysics; Optics Express; Journal of Structural Biology; Acta Biochimica et Biophysica Sinica; Journal of Developmental Biology и други.</p> <p><i>Члан уредничког одбора часописа:</i> Scientific Reports (Editorial Board Member) и Frontiers in Molecular Neuroscience (Associate Editor).</p> <p><i>Рецензент пројеката за међународне агенције:</i> Human Frontier Science Program (HFSP); European Research Council (ERC); National Scientific Associations (Netherlands Organization for Scientific Research (NOW), Medical Research Council (United Kingdom); The Royal Society of Edinburgh (United Kingdom); Einstein Foundation Berlin (Germany).</p> <p><i>Организациони одбор међународних конференција:</i> International Conference on Fundamental and Applied Aspects of Physical Chemistry</p> <p><b>Руководилац међународних и националних научно-истраживачких пројеката:</b><br/>• NIH/NIAAA (FAIN: R01AA028549) (Lars Terenius (PI), Vladana Vukojević (Co-PI))<br/>Date: 2021-2025<br/>Title: Drug targeting the dynamics of opioid systems in alcohol dependence</p> |



- **Olle Engkvist Foundation 199-0480 (Vladana Vukojević (PI))**  
Date: 2020-2022  
Title: Bloodbiomarker of Alzheimer's disease using time-resolved nano-spectroscopy with single-molecule sensitivity
- **ALF funding 2019-2021 (Nenad Bogdanović (PI), Vladana Vukojević (Co-Applicant))**  
Date: 2019-2021  
Title: Early Blood Biomarkers in Alzheimer's Disease
- **Swedish Research Council VR 2018-05337 (Vladana Vukojević (PI))**  
Date: 2019/01/01 – 2022/12/31  
Title: Quantitative spatio-temporally resolved fluorescence microscopy imaging of fast dynamic processes via massively parallel Fluorescence Correlation Spectroscopy (mpFCS)
- **The Olav Thon Foundation (Nenad Bogdanović (CD); Vladana Vukojević (PI, Co-Applicant))**  
Date: 2017/06/01 – 2021/05/31  
Title: Early biomarkers of Alzheimer's disease using single-molecule detection

Према бази Web of Science, h-индекса 24, укупан број цитата без аутоцитата 1351.  
Према бази GoogleScholar, h-индекса 26 и укупан број цитата без аутоцитата 1958.  
Ситираност радова базирано на Web of Science:



10 најцитиранијих радова базирано на Google Scholar:

| Рад  | Наведен | Година |
|--|---------|--------|
| <u>Study of molecular events in cells by fluorescence correlation spectroscopy</u><br><u>V Vukojević, A Pramanik, T Yakovleva, R Rigler, L Terenius, G Bakalkin</u><br><u>Cellular and molecular life sciences 62 (5), 535-550</u> | 113     | 2005   |
| <u>Isocratic RP-HPLC method for rutin determination in solid oral dosage forms</u><br><u>V Vukojević, N Božić, D Vukojević, Z Vukić, V Vukić, S Milić, V Vukojević</u>   | 98      | 2007   |

ЦИТИРАНОСТ  
НАУЧНИХ  
РЕЗУЛТАТА

|  |   |    |      |
|--|---|----|------|
|  | <u>Journal of pharmaceutical and biomedical analysis 43 (2), 718-721</u>  |    |      |
|  | <u>Quantitative single-molecule imaging by confocal laser scanning microscopy</u><br><u>V Vukojević, M Heidkamp, Y Ming, B Johansson, L Terenius, R Rigler</u><br><u>Proceedings of the National Academy of Sciences 105 (47), 18176-18181</u>                                | 79 | 2008 |
|  | <u>Translocation of dynorphin neuropeptides across the plasma membrane: a putative mechanism of signal transmission</u><br><u>Z Marinova, V Vukojević, S Surcheva, T Yakovleva, G Cebers, N Pasikova, ...</u><br><u>Journal of Biological Chemistry 280 (28), 26360-26370</u> | 76 | 2005 |
|  | <u>Protein oligomerization induced by oleic acid at the solid-liquid interface-equine lysozyme cytotoxic complexes</u><br><u>K Wilhelm, A Darinskas, W Noppe, E Duchardt, KH Mok, V Vukojević, ...</u><br><u>The FEBS journal 276 (15), 3975-3989</u>                         | 66 | 2009 |
|  | <u>Quantitative study of synthetic Hox transcription factor-DNA interactions in live cells</u><br><u>V Vukojević, DK Papadopoulos, L Terenius, WJ Gehring, R Rigler</u><br><u>Proceedings of the National Academy of Sciences 107 (9), 4093-4098</u>                          | 64 | 2010 |
|  | <u>Genomic DNA hypomethylation by histone deacetylase inhibition implicates DNMT1 nuclear dynamics</u><br><u>MK Arzenani, AE Zade, Y Ming, SJH Vijverberg, Z Zhang, Z Khan, ...</u><br><u>Molecular and cellular biology 31 (19), 4119-4128</u>                               | 63 | 2011 |
|  | <u>Investigation of Dynamic Behavior of the Bray- Liebhafsky Reaction in the CSTR. Determination of Bifurcation Points</u><br><u>V Vukojević, S Anić, L Kolar-Anić</u><br><u>The Journal of Physical Chemistry A 104 (46), 10731-10739</u>                                    | 63 | 2000 |
|  | <u>YY1 binding to a subset of p53 DNA-target sites regulates p53-dependent transcription</u><br><u>T Yakovleva, L Kolesnikova, V Vukojević, I Gileva, K Tan-No, M Austen, ...</u><br><u>Biochemical and biophysical research communications 318 (2), 615-624</u>              | 62 | 2004 |
|  |   | 50 | 1006 |

|                        |   |  |  |
|------------------------|---|--|--|
|                        |   | <p>Predictive value of a model of the Briggs– Rauscher reaction fitted to quenching experiments<br/> V Vukojević, PG Sørensen, F Hynne<br/> The Journal of Physical Chemistry 100 (43), 17175-17185</p>  |  |
| МЕЂУНАРОДНА РЕПУТАЦИЈА | ГОСТ<br>УРЕДНИК<br>МЕЂУНАРО<br>ДНОГ<br>ЧАСОПИСА   | *  |  |
|                        | ПРЕДСЕДАВ<br>АО<br>МЕЂУНАРО<br>ДНИМ<br>НАУЧНИМ<br>КОНФЕРЕН<br>ЦИЈАМА                    | <p><b>Vukojević V.</b> (Chairperson and Section Speaker), 14th Multinational Congress on Microscopy (MCM 2019),<br/> September 15th – 20th 2019, Belgrade, Serbia</p> <p><b>Vukojević V.</b> (Chairperson and Section Speaker), 8th Regional Biophysics Conference RBC 2018, Zreče, Slovenia, May 16th - 20th 2018</p> <p><b>Vukojević V.</b> (Chairperson and Section Speaker)<br/> 11th International Conference on Fundamental and Applied Aspects of Physical Chemistry, September 24-28 2012, Belgrade, Serbia</p> <p><b>Vukojević V.</b> (Chairperson and Section Speaker)<br/> Regional Biophysics Conference 2012, 3-7 September, Kladovo-Belgrade, Serbia</p> |  |
|                        | ЧЛАНСТВО<br>У<br>УРЕЂИВАЧК<br>ИМ<br>ОДБОРИМА<br>МЕЂУНАРО<br>ДНИХ<br>НАУЧНИХ<br>ЧАСОПИСА | Scientific Reports (Editorial Board Member) и Frontiers in Molecular Neuroscience (Associate Editor).  |  |
|                        | АУТОР<br>МЕЂУНАРО<br>ДНЕ<br>МОНОГРАФ<br>ИЈЕ   | <p><b>Монографске студије/поглавља у књигама M11 или радови у тематским зборницима водећег међународног значаја (M13) (7 бодова)</b></p> <p>1. Kolar-Anić Lj, Anić S, Čupić Ž, Ivanović-Šašić A, Pejić N, Blagojević S,<br/> <b>Vukojević V.</b><br/> Chapter 23: Oscillating Reactions<br/> Volume 2, Part 2: Organic Reactions and Mechanisms, 2017, p.p. 1127-1222.<br/> Encyclopedia of Physical Organic Chemistry, 6 Volume Set<br/> Zerong Wang (Ed.), Uta Wille (Assoc. Ed.), Eusebio Juaristi (Assoc. Ed.)<br/> ISBN: 978-1-118-47045-9</p>  |  |



[https://www.wiley.com/en-gb/Encyclopedia+of+Physical+Organic+Chemistry  
%2C+6+Volume+Set-p-9781118470459#](https://www.wiley.com/en-gb/Encyclopedia+of+Physical+Organic+Chemistry+%2C+6+Volume+Set-p-9781118470459#)

**Монографска студија/поглавље у књизи M12 или рад у тематском зборнику међународног значаја (M14, поена: 4)**

1. **Vukojević V**, Ming Y, Terenius L  
Opioid receptors  
Encyclopedia of Signaling Molecules, Editor Sangdun Choi, Springer, 2012, pp1304-1312  
ISBN 978-1-4419-0460-7; ISBN 978-1-4419-0461-4 (eBook)
2. **Vukojević V**, Morozova-Roche LA  
Structural Origin of ELOA Toxicity – Implication for HAMLET-Type Protein Complexes with Oleic Acid  
*Lipoproteins - Role in Health and Diseases*, S. Frank and G. Kostner (Eds), InTech, 2012, pp 663-674.  
ISBN 978-953-51-0773-6, DOI: 10.5772/2931 663-674  
<http://www.intechopen.com/books/lipoproteins-role-in-health-and-diseases/structural-origin-of-eloa-toxicity-implication-for-hamlet-type-protein-complexes-with-oleic-acid>
3. **Vukojević V**, Ming Y, Terenius L  
Molecular mechanisms underlying opioid receptor function  
Methods for the Discovery and Characterization of G protein-coupled receptors, Editor Craig W. Stevens, Springer Protocols, Humana Press, 2011, pp359-377  
ISBN 978-1-61779-178-9
4. **Vukojević V**, Yakovleva T, Bakalkin G.  
Modes of p53 interactions with DNA in the chromatin context  
The p53 pathway, A. Ayed and T. Hupp (Eds), Publisher: Landes Biosciences, 2010, pp127-141  
ISBN 978-1-4419-8230-8  
<http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?CMD=search&DB=Books>
1. Љиљана Колар-Анић, Слободан Анић, Владана Вукојевић (Национална монографија)  
Динамика нелинеарних процеса – Од монотоне до осцилаторне еволуције.  
Факултет за физичку хемију, Универзитет у Београду, Београд 2004.  
Монографија од 240 страна.  
ИСБН: 86-82139-12-3  
УДК 544.431.8

|                 |  |   |
|-----------------|--|---|
|                 |  |   |
| <b>НАПОМЕНА</b> |  | Патентна апликација: Patent Cooperation Treaty (PCT) WO 2019/192969 A1 "Method for the Diagnosis of Amyloid-Associated Diseases."<br>Оснивач предузећа: AmyloiDia Sweden AB |