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ОСНОВНИ ПОДАЦИ

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ОБРАЗОВАЊЕ

Основна школа: Крушевац, Србија, 1966. – 1974.
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Страни језици: Енглески (чита, пише, говори)

ПРОФЕСИОНАЛНА КАРИЈЕРА

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Увела је предмете из области Молекулског моделирања у наставу на студијском програму Хемија	Физичка хемија 1 Молекулско моделирање 1 Молекулско моделирање 2 Методологија научно-истраживачког рада у хемији Молекулско моделирање у органској хемији
Ужа научна област:	Физичка хемија
Менторство:	Ментор је великог броја дипломских радова и две докторске дисертације: Др Игор Ђуровић, 2015. година Др Јелена Тошовић, 2019. година
Учешће на пројектима:	На пројектима Министарства науке била је непрекидно од 1986. године Руководилац пројекта Центра за научноистраживачки рад САНУ и Универзитета у Крагујевцу „Истраживање SET-РТ механизма код кверцетина“ 2012. – 2013. Руководилац са српске стране билатералног пројекта Србија – Хрватска 2016. – 2017. „Испитивање хемизма и антиоксидативне активности комплекса полифенолних једињења са есенцијалним металима“
Чланство у стручним и научним асоцијацијама:	Члан Друштва физикохемичара Србије

НАУЧНЕ ОБЛАСТИ ИСТРАЖИВАЊА

Проф. Светлана Марковић бави се научно-истраживачким радом у области теоријске физичке, компјутерске и математичке хемије. Њени рани радови били су посвећени испитивању зависности физичко-хемијских особина супстанци од молекулске структуре помоћу хемијске теорије графова, као и компјутерском моделирању ових зависности. Новији радови обухватају истраживање различитих хемијских феномена помоћу *ab initio* и DFT метода, као што су механизми хемијских реакција (нпр. Колбе-Шмитове реакције са феноксидима и нафтоксидима алкалних метала, фенилселеноетерификације незасићених алкохола, Хекове реакције, итд.), дирадикалски карактер различитих класа угљоводоника, водонична веза, спектроскопске особине и механизми антиоксидативног дејства фенолних једињења, итд. Рецензирала је огроман број научних радова, те је добитник великог броја сертификата и захвалница од угледних издавачких кућа и часописа. Добитник је “Годишње награде наставном и научноистраживачком особљу за изузетне резултате у научноистраживачком односно уметничком раду”. Наградио ју је Универзитет у Крагујевцу 2021. године.

ПУБЛИКАЦИЈЕ

Проф. Светлана Марковић објавила је 106 научних радова, од којих 97 у часописима са SCI листе, и 6 стручних радова. Аутор је једне монографије, једног поглавља у монографији и два уџбеника. Учествовала је на 44 међународне и домаће конференције.

Научни радови

106. Filip Stašević, Žiko Milanović, Jelena Tošović, Jelena Đurđević Nikolić, Svetlana Marković
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78. Svetlana Marković, Ivan Gutman, Nataša Simić

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