

# Zorica Vujic

## List of Publications by Year in descending order

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42  
papers

445  
citations

759233

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752698

20  
g-index

42  
all docs

42  
docs citations

42  
times ranked

563  
citing authors

#	ARTICLE	IF	CITATIONS
1	Medicinal chemistry of histone deacetylase inhibitors. Arhiv Za Farmaciju, 2021, 71, 73-100.	0.5	2
2	3D-QSAR, molecular docking and in silico ADMET studies of propiophenone derivatives with anti-HIV-1 protease activity. Structural Chemistry, 2021, 32, 2341-2353.	2.0	2
3	What Do We Find Attractive about the Face?: Survey Study with Application to Aesthetic Surgery. Clinical Anatomy, 2020, 33, 214-222.	2.7	12
4	Evaluation of the lipophilicity of chalcones by RP-TLC and computational methods. Journal of Planar Chromatography - Modern TLC, 2020, 33, 245-253.	1.2	3
5	Differences in antioxidant potential of chalcones in human serum: In vitro study. Chemico-Biological Interactions, 2020, 324, 109084.	4.0	8
6	Molecular Docking, Synthesis and anti-HIV-1 Protease Activity of Novel Chalcones. Current Pharmaceutical Design, 2020, 26, 802-814.	1.9	15
7	The correlation of plasma protein binding and molecular properties of selected antifungal drugs. Journal of the Serbian Chemical Society, 2020, 85, 897-907.	0.8	1
8	Inhibitory effect of propafenone derivatives on pseudomonas aeruginosa biofilm and pyocyanin production. Srpski Arhiv Za Celokupno Lekarstvo, 2020, 148, 196-202.	0.2	1
9	Synthesis and antioxidant activity of newly synthesized chalcones. Makedonsko Farmaceutski Bilten, 2020, 66, 49-50.	0.0	0
10	The role of artichoke leaf tincture ( <i>Cynara scolymus</i> ) in the suppression of DNA damage and atherosclerosis in rats fed an atherogenic diet. Pharmaceutical Biology, 2018, 56, 138-144.	2.9	13
11	Application of central composite design and structural analysis to the optimization of HPLC method for simultaneous analysis of hydrochlorothiazide, amlodipine besylate and valsartan. Main Group Chemistry, 2018, 17, 165-180.	0.8	4
12	Application of biopartitioning micellar chromatography and QSRR modeling for prediction of gastrointestinal absorption and design of novel 1 <sup>2</sup> -hydroxy-1 <sup>2</sup> -arylalkanoic acids. European Journal of Pharmaceutical Sciences, 2017, 100, 280-284.	4.0	10
13	Radioisotopes Used as Radiotracers for in vitro and in vivo Diagnostics. Asian Journal of Chemistry, 2016, 28, 235-241.	0.3	13
14	Direct UV Spectrophotometry and HPLC Determination of Triton X-100 in Split Virus Influenza Vaccine. Journal of AOAC INTERNATIONAL, 2016, 99, 396-400.	1.5	9
15	LC-MS/MS method for quantification of atorvastatin, o-hydroxyatorvastatin, p-hydroxyatorvastatin, and atorvastatin lactone in rat plasma. Acta Chromatographica, 2016, 28, 281-298.	1.3	6
16	Sustained release of L-lipoic acid from chitosan microbeads synthesized by inverse emulsion method. Journal of the Taiwan Institute of Chemical Engineers, 2016, 60, 106-112.	5.3	17
17	3D-QSAR studies and pharmacophore identification of AT1 receptor antagonists. Medicinal Chemistry Research, 2016, 25, 51-61.	2.4	3
18	Effects of atorvastatin and artichoke leaf tincture on oxidative stress in hypercholesterolemic rats. Vojnosanitetski Pregled, 2016, 73, 178-187.	0.2	13

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19	Determination of the lipophilicity of 2'-hydroxychalcones by RP HPLC method. Hemijska Industrija, 2016, 70, 511-518.	0.7	1
20	Optimization of extraction of antioxidant components from Yarrow herb. Hemijska Industrija, 2014, 68, 511-517.	0.7	2
21	Chemical stability of drugs: Influence of light and temperature on montelukast stability in solution. Arhiv Za Farmaciju, 2014, 64, 144-163.	0.5	0
22	An Improved HPLC Method for Simultaneous Analysis of Losartan Potassium and Hydrochlorothiazide with the Aid of a Chemometric Protocol. Chromatographia, 2013, 76, 419-425.	1.3	13
23	An Improved HPLC Method with the Aid of a Chemometric Protocol: Simultaneous Determination of Atorvastatin and Its Metabolites in Plasma. Molecules, 2013, 18, 2469-2482.	3.8	8
24	Simultaneous Analysis of Irbesartan and Hydrochlorothiazide: An Improved HPLC Method with the Aid of a Chemometric Protocol. Molecules, 2012, 17, 3461-3474.	3.8	33
25	In silico methods in stability testing of hydrocortisone, powder for injections: Multiple regression analysis versus dynamic neural network. Hemijska Industrija, 2012, 66, 647-657.	0.7	3
26	Effects of Rutin and Hesperidin and Their Al(III) and Cu(II) Complexes on in Vitro Plasma Coagulation Assays. Molecules, 2011, 16, 1378-1388.	3.8	54
27	GC-ECD Determination of Lindane and Its Impurity $\hat{1}\pm$ -HCH in Pharmaceutical Products. Chromatographia, 2010, 72, 581-584.	1.3	1
28	Methylprednisolone and its related substances in freeze dried powders for injections. Journal of the Serbian Chemical Society, 2010, 75, 1441-1452.	0.8	6
29	Simultaneous Determination of Maprotiline, Desipramine, and Moclobemide by Reversed-Phase High-Performance Liquid Chromatography and Statistical Optimization. Analytical Letters, 2009, 42, 2060-2070.	1.8	2
30	Simultaneous Determination of Hydrochlorothiazide, Cilazapril and Its Active Metabolite Cilazaprilat in Urine by Gradient RP-LC. Chromatographia, 2009, 70, 1221-1225.	1.3	4
31	Statistical Optimization Applied to Simultaneous Determination of Maprotiline, Desipramine, and Moclobemide by Capillary Zone Electrophoresis. Monatshefte FÃ¼r Chemie, 2008, 139, 81-87.	1.8	3
32	Isocratic RP-HPLC method for rutin determination in solid oral dosage forms. Journal of Pharmaceutical and Biomedical Analysis, 2007, 43, 718-721.	2.8	81
33	Determination of quercetin in pharmaceutical formulations via its reaction with potassium-titanyloxalate: Determination of the stability constants of the quercetin-titanyloxalate complex. Journal of the Serbian Chemical Society, 2005, 70, 753-763.	0.8	12
34	Direct separation of the enantiomers of ( $\hat{A}\pm$ )-metoprolol tartrate on impregnated TLC plates with D-( $\hat{A}^{\prime\prime}$ )-tartaric acid as a chiral selector. Journal of Planar Chromatography - Modern TLC, 2005, 18, 294-299.	1.2	12
35	Direct spectrophotometric determination of quercetin in the presence of ascorbic acid. Il Farmaco, 2004, 59, 21-24.	0.9	46
36	Determination of S-Carboxymethyl-L-Cysteine, Methylparaben and their Degradation Products in Syrup Preparations. Chromatographia, 2004, 60, 329.	1.3	5

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37	UV-densitometric determination of maprotiline, desipramine and moclobemide in pharmaceutical dosage forms. <i>Chromatographia</i> , 2003, 57, 687-689.	1.3	5
38	Determination of fluocortolone pivalate and fluocortolone hexanoate in suppositories using reverse-phase HPLC. <i>Il Farmaco</i> , 2000, 55, 125-127.	0.9	5
39	HPLC determination of lorazepam and lorazepam-related compounds in pharmaceutical formulations. <i>Chromatographia</i> , 2000, 52, 732-734.	1.3	3
40	Determination of Maprotiline Hydrochloride by Capillary Zone Electrophoresis. <i>Pharmacy and Pharmacology Communications</i> , 1999, 5, 623-624.	0.3	2
41	Densitometric determination of metoprolol tartrate in pharmaceutical dosage forms. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1997, 15, 581-585.	2.8	8
42	Spectrophotometric investigation of metoprolol-benzyl orange reaction and its application to the assay in pharmaceutical dosage forms. <i>Il Farmaco</i> , 1995, 50, 281-4.	0.9	4