# Igor M Opsenica

## List of Publications by Year in descending order



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|---|---|---|---|
| 43 papers | 733 citations | 567144 15 h-index | 552653 26 g-index |
| 43 all docs | 43 docs citations | 43 times ranked | 972 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Application of Transition Metalâ€Catalyzed Decarbonylation of Aldehydes in the Total Synthesis of Natural Products. European Journal of Organic Chemistry, 2022, 2022, . | 1.2 | 5 |
| 2 | Unraveling the anti-virulence potential and antifungal efficacy of 5-aminotetrazoles using the zebrafish model of disseminated candidiasis. European Journal of Medicinal Chemistry, 2022, 230, 114137. | 2.6 | 4 |
| 3 | New 4-aminoquinolines as moderate inhibitors of P. falciparum malaria. Journal of the Serbian Chemical Society, 2021, 86, 115-123. | 0.4 | 1 |
| 4 | Controlling Pd-Catalyzed N-Arylation and Dimroth Rearrangement in the Synthesis of N,1-Diaryl-1H-tetrazol-5-amines. Journal of Organic Chemistry, 2021, 86, 4794-4803. | 1.7 | 6 |
| 5 | Development of an efficient biocatalytic system based on bacterial laccase for the oxidation of selected 1,4-dihydropyridines. Enzyme and Microbial Technology, 2020, 132, 109411. | 1.6 | 18 |
| 6 | Aminoquinolines afford resistance to cerebral malaria in susceptible mice. Journal of Global Antimicrobial Resistance, 2020, 23, 20-25. | 0.9 | 2 |
| 7 | Oneâ€Pot Twoâ€Step Synthesis of Isochromeneâ€Fused CF 3 â€Substituted Pyrazoles. European Journal of Organic Chemistry, 2020, 2020, 5616-5619. | 1.2 | 5 |
| 8 | Bisaurones â€“ enzymatic production and biological evaluation. New Journal of Chemistry, 2020, 44, 9647-9655. | 1.4 | 1 |
| 9 | Chemo- and biocatalytic esterification of marchantin A and cytotoxic activity of ester derivatives. FÃ¬toterapÃ¬Ã¢, 2020, 142, 104520. | 1.1 | 3 |
| 10 | Production of bacterial nanocellulose (BNC) and its application as a solid support in transition metal catalysed cross-coupling reactions. International Journal of Biological Macromolecules, 2019, 129, 351-360. | 3.6 | 33 |
| 11 | Expression and Characterization of a Dye-Decolorizing Peroxidase from Pseudomonas Fluorescens Pf0-1. Catalysts, 2019, 9, 463. | 1.6 | 14 |
| 12 | Aromatic Guanylhydrazones for the Control of Heme-Induced Antibody Polyreactivity. ACS Omega, 2019, 4, 20450-20458. | 1.6 | 1 |
| 13 | Palladium-catalyzed N-Arylation of 1-substituted-1H-tetrazol-5-amines. Journal of Organometallic Chemistry, 2019, 880, 134-142. | 0.8 | 5 |
| 14 | Bis-guanylhydrazones as efficient anti-Candida compounds through DNA interaction. Applied Microbiology and Biotechnology, 2018, 102, 1889-1901. | 1.7 | 13 |
| 15 | Decarbonylation of Aromatic Aldehydes and Dehalogenation of Aryl Halides Using Maghemite-Supported Palladium Catalyst. Synthesis, 2018, 50, 119-126. | 1.2 | 10 |
| 16 | Human serum albumin binding of certain antimalarials. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 192, 128-139. | 2.0 | 24 |
| 17 | Synthesis, cytotoxic activity and DNA-binding properties of copper(II) complexes with terpyridine. Polyhedron, 2018, 139, 313-322. | 1.0 | 26 |
| 18 | Benzothiazole carbamates and amides as antiproliferative species. European Journal of Medicinal Chemistry, 2018, 157, 1096-1114. | 2.6 | 12 |

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|---|---|---|---|
| 19 | Reevaluation of the Palladium/Carbon-Catalyzed Decarbonylation of Aliphatic Aldehydes. Synlett, 2018, 29, 1781-1785. | 1.0 | 8 |
| 20 | Mononuclear silver(I) complexes with 1,7-phenanthroline as potent inhibitors of Candida growth. European Journal of Medicinal Chemistry, 2018, 156, 760-773. | 2.6 | 36 |
| 21 | Synthesis, structural characterization and antimicrobial activity of silver(I) complexes with 1-benzyl-1H-tetrazoles. Polyhedron, 2018, 154, 325-333. | 1.0 | 16 |
| 22 | Consensus-based comparison of chromatographic and computationally estimated lipophilicity of benzothiepino[3,2-c ]pyridine derivatives as potential antifungal drugs. Journal of Separation Science, 2017, 40, 2089-2096. | 1.3 | 15 |
| 23 | Antibacterial and antifungal properties of guanylhydrazones. Journal of the Serbian Chemical Society, 2017, 82, 641-649. | 0.4 | 3 |
| 24 | Synthesis and antiâ€‹Candida activity of novel benzothiepino[3,2â€]pyridine derivatives. Chemical Biology and Drug Design, 2016, 88, 795-806. | 1.5 | 8 |
| 25 | Decarbonylative Dibromination of 5-Phenylthiophene-2-carbaldehyde with Bromine. Synthesis, 2016, 48, 4423-4430. | 1.2 | 3 |
| 26 | Quantitative structure retention/activity relationships of biologically relevant 4-amino-7-chloroquinoline based compounds. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1012-1013, 144-152. | 1.2 | 12 |
| 27 | Synthesis and evaluation of thiophene-based guanylhydrazones (iminoguanidines) efficient against panel of voriconazole-resistant fungal isolates. Bioorganic and Medicinal Chemistry, 2016, 24, 1277-1291. | 1.4 | 34 |
| 28 | Microwave-assisted synthesis of azepines via nucleophilic aromatic substitution. Journal of the Serbian Chemical Society, 2016, 81, 1225-1230. | 0.4 | 2 |
| 29 | Investigation into novel thiophene- and furan-based 4-amino-7-chloroquinolines afforded antimalarials that cure mice. Bioorganic and Medicinal Chemistry, 2015, 23, 2176-2186. | 1.4 | 21 |
| 30 | Synthesis and antimicrobial activity of azepine and thiepine derivatives. Journal of the Serbian Chemical Society, 2015, 80, 839-852. | 0.4 | 9 |
| 31 | 4-Amino-7-chloroquinolines: Probing Ligand Efficiency Provides Botulinum Neurotoxin Serotype A Light Chain Inhibitors with Significant Antiprotozoal Activity. Journal of Medicinal Chemistry, 2013, 56, 5860-5871. | 2.9 | 27 |
| 32 | Double Palladium-Catalyzed Synthesis of Azepines. Synlett, 2012, 24, 49-52. | 1.0 | 7 |
| 33 | The synthesis of 2,5-bis(4-amidinophenyl)thiophene derivatives providing submicromolar-range inhibition of the botulinum neurotoxin serotype A metalloprotease. European Journal of Medicinal Chemistry, 2012, 53, 374-379. | 2.6 | 22 |
| 34 | A Chemotype That Inhibits Three Unrelated Pathogenic Targets: The Botulinum Neurotoxin Serotype A Light Chain,P. falciparumMalaria, and the Ebola Filovirus. Journal of Medicinal Chemistry, 2011, 54, 1157-1169. | 2.9 | 46 |
| 35 | An alignment independent 3D QSAR study of the antiproliferative activity of 1,2,4,5-tetraoxanes. European Journal of Medicinal Chemistry, 2010, 45, 4570-4577. | 2.6 | 18 |
| 36 | Chemical Stability of the Peroxide Bond Enables Diversified Synthesis of Potent Tetraoxane Antimalarials. Journal of Medicinal Chemistry, 2008, 51, 2261-2266. | 2.9 | 66 |

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|---|---|---|---|
| 37 | New Chimeric Antimalarials with 4-Aminoquinoline Moiety Linked to a Tetraoxane Skeleton. Journal of Medicinal Chemistry, 2008, 51, 6216-6219. | 2.9 | 65 |
| 38 | Novel 4-Aminoquinolines Active against Chloroquine-Resistant and Sensitive P. falciparum Strains that also Inhibit Botulinum Serotype A. Journal of Medicinal Chemistry, 2008, 51, 4388-4391. | 2.9 | 52 |
| 39 | Ribofuranose as a carrier of tetraoxane and 4-aminoquinoline antimalarial pharmacophores. Journal of the Serbian Chemical Society, 2008, 73, 1021-1025. | 0.4 | 2 |
| 40 | On peroxide antimalarials. Journal of the Serbian Chemical Society, 2007, 72, 1181-1190. | 0.4 | 7 |
| 41 | Synthesis of novel polar derivatives of the antimalarial endoperoxides ascaridole and dihydroascaridole. Arkivoc, 2007, 2007, 124-135. | 0.3 | 6 |
| 42 | Tetraoxane Antimalarials and Their Reaction with Fe(II). Journal of Medicinal Chemistry, 2006, 49, 3790-3799. | 2.9 | 52 |
| 43 | 7, 8, 15, 16-Tetraoxa-dispiro [5. 2. 5. 2]hexadecane-3-carboxylic acid derivatives and their antimalarial activity. Journal of the Serbian Chemical Society, 2004, 69, 919-922. | 0.4 | 13 |