

# Edon Vitaku

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2421964/publications.pdf>

Version: 2024-02-01

21  
papers

6,725  
citations

516561

16  
h-index

713332

21  
g-index

26  
all docs

26  
docs citations

26  
times ranked

7918  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of the Structural Diversity, Substitution Patterns, and Frequency of Nitrogen Heterocycles among U.S. FDA Approved Pharmaceuticals. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 10257-10274.	2.9	3,996
2	Data-Mining for Sulfur and Fluorine: An Evaluation of Pharmaceuticals To Reveal Opportunities for Drug Design and Discovery. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 2832-2842.	2.9	1,080
3	Seeded growth of single-crystal two-dimensional covalent organic frameworks. <i>Science</i> , 2018, 361, 52-57.	6.0	474
4	Phenazine-Based Covalent Organic Framework Cathode Materials with High Energy and Power Densities. <i>Journal of the American Chemical Society</i> , 2020, 142, 16-20.	6.6	256
5	Synthesis of 2D Imine-Linked Covalent Organic Frameworks through Formal Transimination Reactions. <i>Journal of the American Chemical Society</i> , 2017, 139, 12911-12914.	6.6	204
6	Thermally conductive ultra-low- $\kappa$ dielectric layers based on two-dimensional covalent organic frameworks. <i>Nature Materials</i> , 2021, 20, 1142-1148.	13.3	158
7	Acid Exfoliation of Imine-Linked Covalent Organic Frameworks Enables Solution Processing into Crystalline Thin Films. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5165-5171.	7.2	128
8	Improved synthesis of $\beta$ -ketoenamine-linked covalent organic frameworks <i>via</i> monomer exchange reactions. <i>Chemical Communications</i> , 2019, 55, 2680-2683.	2.2	100
9	Chemical Control over Nucleation and Anisotropic Growth of Two-Dimensional Covalent Organic Frameworks. <i>ACS Central Science</i> , 2019, 5, 1892-1899.	5.3	44
10	Trends in the thermal stability of two-dimensional covalent organic frameworks. <i>Faraday Discussions</i> , 2021, 225, 226-240.	1.6	41
11	An In- <i>Pharm</i> -ative Educational Poster Anthology Highlighting the Therapeutic Agents That Chronicle Our Medicinal History. <i>Journal of Chemical Education</i> , 2013, 90, 1403-1405.	1.1	40
12	Metal-Free Synthesis of Fluorinated Indoles Enabled by Oxidative Dearomatization. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2243-2247.	7.2	35
13	Equilibration of Imine-Linked Polymers to Hexagonal Macrocycles Driven by Self-Assembly. <i>Chemistry - A European Journal</i> , 2018, 24, 3989-3993.	1.7	33
14	Acid Exfoliation of Imine-Linked Covalent Organic Frameworks Enables Solution Processing into Crystalline Thin Films. <i>Angewandte Chemie</i> , 2020, 132, 5203-5209.	1.6	31
15	Dearomatization Approach to 2-Trifluoromethylated Benzofuran and Dihydrobenzofuran Products. <i>Organic Letters</i> , 2017, 19, 3508-3511.	2.4	30
16	Buckling of Two-Dimensional Covalent Organic Frameworks under Thermal Stress. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 9883-9887.	1.8	30
17	Mild stereoselective formation of tri- and tetrasubstituted olefins by regioselective ring opening of 1,1-disubstituted vinyl oxiranes with dialkyl dithiophosphates. <i>Tetrahedron Letters</i> , 2014, 55, 3232-3234.	0.7	12
18	A Mild <i>meta</i> -Selective C-H Alkylation of Catechol Monoethers. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 3679-3683.	1.2	12

#	ARTICLE	IF	CITATIONS
19	Metal-Free Synthesis of Fluorinated Indoles Enabled by Oxidative Dearomatization. <i>Angewandte Chemie</i> , 2016, 128, 2283-2287.	1.6	10
20	Formation of fused aromatic architectures via an oxidative dearomatization-radical cyclization rearomatization approach. <i>Tetrahedron Letters</i> , 2015, 56, 3550-3552.	0.7	7
21	Improved Procedure for Bleach-Based Alcohol Oxidation in Undergraduate Laboratories. <i>Journal of Chemical Education</i> , 2019, 96, 1042-1045.	1.1	4