

Laura M Salonen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1530367/publications.pdf>

Version: 2024-02-01

29
papers

2,726
citations

393982

19
h-index

454577

30
g-index

32
all docs

32
docs citations

32
times ranked

4305
citing authors

#	ARTICLE	IF	CITATIONS
1	Aromatic Rings in Chemical and Biological Recognition: Energetics and Structures. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4808-4842.	7.2	1,317
2	Extraction of Photogenerated Electrons and Holes from a Covalent Organic Framework Integrated Heterojunction. <i>Journal of the American Chemical Society</i> , 2014, 136, 17802-17807.	6.6	354
3	Adsorption of Pharmaceutical Pollutants from Water Using Covalent Organic Frameworks. <i>Chemistry - A European Journal</i> , 2018, 24, 10601-10605.	1.7	106
4	Cation- π Interactions at the Active Site of Factor Xa: Dramatic Enhancement upon Stepwise N-Alkylation of Ammonium Ions. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 811-814.	7.2	78
5	Tailoring Covalent Organic Frameworks To Capture Water Contaminants. <i>Chemistry - A European Journal</i> , 2019, 25, 6461-6473.	1.7	62
6	Recyclable magnetic covalent organic framework for the extraction of marine biotoxins. <i>Nanoscale</i> , 2019, 11, 6072-6079.	2.8	57
7	Molecular Recognition at the Active Site of Factor Xa: Cation- π Interactions, Stacking on Planar Peptide Surfaces, and Replacement of Structural Water. <i>Chemistry - A European Journal</i> , 2012, 18, 213-222.	1.7	51
8	Efficient adsorption of endocrine-disrupting pesticides from water with a reusable magnetic covalent organic framework. <i>Microporous and Mesoporous Materials</i> , 2020, 307, 110523.	2.2	51
9	A supramolecular strategy based on molecular dipole moments for high-quality covalent organic frameworks. <i>Chemical Communications</i> , 2016, 52, 7986-7989.	2.2	50
10	Adsorption of marine phycotoxin okadaic acid on a covalent organic framework. <i>Journal of Chromatography A</i> , 2017, 1525, 17-22.	1.8	50
11	Magnetite Nanoparticles for Stem Cell Labeling with High Efficiency and Long-Term in Vivo Tracking. <i>Bioconjugate Chemistry</i> , 2017, 28, 362-370.	1.8	41
12	Covalent Organic Framework Composites: Synthesis and Analytical Applications. <i>Molecules</i> , 2020, 25, 5404.	1.7	38
13	Selective formic acid dehydrogenation at low temperature over a RuO ₂ /COF pre-catalyst synthesized on the gram scale. <i>Catalysis Science and Technology</i> , 2020, 10, 1991-1995.	2.1	25
14	Influence of the separation procedure on the properties of magnetic nanoparticles: Gaining in vitro stability and T1- ρ T2 magnetic resonance imaging performance. <i>Journal of Colloid and Interface Science</i> , 2016, 472, 229-236.	5.0	22
15	Selection of Covalent Organic Framework Pore Functionalities for Differential Adsorption of Microcystin Toxin Analogues. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 15053-15063.	4.0	22
16	FeP Nanocatalyst with Preferential [010] Orientation Boosts the Hydrogen Evolution Reaction in Polymer-Electrolyte Membrane Electrolyzer. <i>Energy & Fuels</i> , 2020, 34, 6423-6429.	2.5	21
17	Covalent organic framework as adsorbent for ultrasound-assisted dispersive (micro)solid phase extraction of polycyclic synthetic fragrances from seawater followed by fluorescent determination. <i>Analytica Chimica Acta</i> , 2022, 1191, 339293.	2.6	20
18	Extraction of Ibuprofen from Natural Waters Using a Covalent Organic Framework. <i>Molecules</i> , 2020, 25, 3132.	1.7	19

#	ARTICLE	IF	CITATIONS
19	Sustainable catalysts for water electrolysis: Selected strategies for reduction and replacement of platinum-group metals. <i>Materials Today Sustainability</i> , 2021, 11-12, 100060.	1.9	17
20	Merging solution processing and printing for sustainable fabrication of Cu(In,Ga)Se ₂ photovoltaics. <i>Chemical Engineering Journal</i> , 2022, 442, 136188.	6.6	14
21	Orthogonal Clickable Iron Oxide Nanoparticle Platform for Targeting, Imaging, and On-Demand Release. <i>Chemistry - A European Journal</i> , 2018, 24, 8624-8631.	1.7	13
22	Boronic-acid-derived covalent organic frameworks: from synthesis to applications. <i>New Journal of Chemistry</i> , 2021, 45, 14879-14907.	1.4	9
23	Study on the efficiency of a covalent organic framework as adsorbent for the screening of pharmaceuticals in estuary waters. <i>Chemosphere</i> , 2021, 278, 130364.	4.2	9
24	Self-Assembly and Formation of Chromonic Liquid Crystals from the Dyes Quinaldine Red Acetate and Pyronin Y. <i>Journal of Physical Chemistry B</i> , 2016, 120, 250-258.	1.2	8
25	Deep Eutectic Solvent Synthesis of Perovskite Electrocatalysts for Water Oxidation. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 23277-23284.	4.0	8
26	Chromonic self-assemblies in a series of dialkyl-thiacarbocyanine dyes and generalization of a facile route for the synthesis of fluorescent nanostructured silica fibers. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 92, 134-142.	2.7	6
27	Acute ecotoxicity assessment of a covalent organic framework. <i>Environmental Science: Nano</i> , 2021, 8, 1680-1689.	2.2	2
28	Large-scale aqueous synthesis of Cu(In,Ga)Se ₂ nanoparticles for photocatalytic degradation of ciprofloxacin. <i>Dalton Transactions</i> , 2021, 50, 16819-16828.	1.6	2
29	Frontispiece: Tailoring Covalent Organic Frameworks To Capture Water Contaminants. <i>Chemistry - A European Journal</i> , 2019, 25, .	1.7	1