Laura M Salonen

List of Publications by Year in descending order

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	Covalent organic framework as adsorbent for ultrasound-assisted dispersive (micro)solid phase extraction of polycyclic synthetic fragrances from seawater followed by fluorescent determination. Analytica Chimica Acta, 2022, 1191, 339293.	2.6	20
2	Merging solution processing and printing for sustainable fabrication of Cu(In,Ga)Se2 photovoltaics. Chemical Engineering Journal, 2022, 442, 136188.	6.6	14
3	Deep Eutectic Solvent Synthesis of Perovskite Electrocatalysts for Water Oxidation. ACS Applied Materials & Interfaces, 2022, 14, 23277-23284.	4.0	8
4	Boronic-acid-derived covalent organic frameworks: from synthesis to applications. New Journal of Chemistry, 2021, 45, 14879-14907.	1.4	9
5	Sustainable catalysts for water electrolysis: Selected strategies for reduction and replacement of platinum-group metals. Materials Today Sustainability, 2021, 11-12, 100060.	1.9	17
6	Selection of Covalent Organic Framework Pore Functionalities for Differential Adsorption of Microcystin Toxin Analogues. ACS Applied Materials & Interfaces, 2021, 13, 15053-15063.	4.0	22
7	Study on the efficiency of a covalent organic framework as adsorbent for the screening of pharmaceuticals in estuary waters. Chemosphere, 2021, 278, 130364.	4.2	9
8	Acute ecotoxicity assessment of a covalent organic framework. Environmental Science: Nano, 2021, 8, 1680-1689.	2.2	2
9	Large-scale aqueous synthesis of Cu(In,Ga)Se₂ nanoparticles for photocatalytic degradation of ciprofloxacin. Dalton Transactions, 2021, 50, 16819-16828.	1.6	2
10	Extraction of Ibuprofen from Natural Waters Using a Covalent Organic Framework. Molecules, 2020, 25, 3132.	1.7	19
11	Covalent Organic Framework Composites: Synthesis and Analytical Applications. Molecules, 2020, 25, 5404.	1.7	38
12	Efficient adsorption of endocrine-disrupting pesticides from water with a reusable magnetic covalent organic framework. Microporous and Mesoporous Materials, 2020, 307, 110523.	2.2	51
13	FeP Nanocatalyst with Preferential [010] Orientation Boosts the Hydrogen Evolution Reaction in Polymer-Electrolyte Membrane Electrolyzer. Energy & Fuels, 2020, 34, 6423-6429.	2.5	21
14	Selective formic acid dehydrogenation at low temperature over a RuO₂/COF pre-catalyst synthesized on the gram scale. Catalysis Science and Technology, 2020, 10, 1991-1995.	2.1	25
15	Frontispiece: Tailoring Covalent Organic Frameworks To Capture Water Contaminants. Chemistry - A European Journal, 2019, 25, .	1.7	1
16	Recyclable magnetic covalent organic framework for the extraction of marine biotoxins. Nanoscale, 2019, 11, 6072-6079.	2.8	57
17	Tailoring Covalent Organic Frameworks To Capture Water Contaminants. Chemistry - A European Journal, 2019, 25, 6461-6473.	1.7	62
18	Orthogonal Clickable Iron Oxide Nanoparticle Platform for Targeting, Imaging, and Onâ€Demand Release. Chemistry - A European Journal, 2018, 24, 8624-8631.	1.7	13

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19	Chromonic self-assemblies in a series of dialkyl-thiacarbocyanine dyes and generalization of a facile route for the synthesis of fluorescent nanostructured silica fibers. Journal of the Taiwan Institute of Chemical Engineers, 2018, 92, 134-142.	2.7	6
20	Adsorption of Pharmaceutical Pollutants from Water Using Covalent Organic Frameworks. Chemistry - A European Journal, 2018, 24, 10601-10605.	1.7	106
21	Magnetite Nanoparticles for Stem Cell Labeling with High Efficiency and Long-Term in Vivo Tracking. Bioconjugate Chemistry, 2017, 28, 362-370.	1.8	41
22	Adsorption of marine phycotoxin okadaic acid on a covalent organic framework. Journal of Chromatography A, 2017, 1525, 17-22.	1.8	50
23	Influence of the separation procedure on the properties of magnetic nanoparticles: Gaining in vitro stability and T1â€“T2 magnetic resonance imaging performance. Journal of Colloid and Interface Science, 2016, 472, 229-236.	5.0	22
24	A supramolecular strategy based on molecular dipole moments for high-quality covalent organic frameworks. Chemical Communications, 2016, 52, 7986-7989.	2.2	50
25	Self-Assembly and Formation of Chromonic Liquid Crystals from the Dyes Quinaldine Red Acetate and Pyronin Y. Journal of Physical Chemistry B, 2016, 120, 250-258.	1.2	8
26	Extraction of Photogenerated Electrons and Holes from a Covalent Organic Framework Integrated Heterojunction. Journal of the American Chemical Society, 2014, 136, 17802-17807.	6.6	354
27	Molecular Recognition at the Active Site of Factor Xa: Cationâ€“Ï€ Interactions, Stacking on Planar Peptide Surfaces, and Replacement of Structural Water. Chemistry - A European Journal, 2012, 18, 213-222.	1.7	51
28	Aromatic Rings in Chemical and Biological Recognition: Energetics and Structures. Angewandte Chemie - International Edition, 2011, 50, 4808-4842.	7.2	1,317
29	Cationâ€“Ï€ Interactions at the Active Site of Factorâ€…Xa: Dramatic Enhancement upon Stepwise Nâ€Alkylation of Ammonium Ions. Angewandte Chemie - International Edition, 2009, 48, 811-814.	7.2	78