Hai-Long Qian

List of Publications by Year
in descending order

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30 papers	1,825 citations	430442 18 h-index	433756 31 g-index
31 all docs	31 docs citations	31 times ranked	1590 citing authors

#	Article	IF	Citations
1	Bottom-up synthesis of chiral covalent organic frameworks and their bound capillaries for chiral separation. Nature Communications, 2016, 7, 12104.	5.8	375
2	High-Crystallinity Covalent Organic Framework with Dual Fluorescence Emissions and Its Ratiometric Sensing Application. ACS Applied Materials & Interfaces, 2017, 9, 24999-25005.	4.0	224
3	Advances in covalent organic frameworks in separation science. Journal of Chromatography A, 2018, 1542, 1-18.	1.8	213
4	Irreversible Amideâ€Linked Covalent Organic Framework for Selective and Ultrafast Gold Recovery. Angewandte Chemie - International Edition, 2020, 59, 17607-17613.	7.2	174
5	Carboxyl-Functionalized Covalent Organic Frameworks for the Adsorption and Removal of Triphenylmethane Dyes. ACS Applied Nano Materials, 2019, 2, 7290-7298.	2.4	97
6	In situ room-temperature fabrication of a covalent organic framework and its bonded fiber for solid-phase microextraction of polychlorinated biphenyls in aquatic products. Journal of Materials Chemistry A, 2019, 7, 13249-13255.	5.2	94
7	Covalent immobilization of covalent organic framework on stainless steel wire for solid-phase microextraction GC-MS/MS determination of sixteen polycyclic aromatic hydrocarbons in grilled meat samples. Talanta, 2019, 201, 413-418.	2.9	68
8	Layer-by-layer preparation of 3D covalent organic framework/silica composites for chromatographic separation of position isomers. Chemical Communications, 2018, 54, 11765-11768.	2.2	67
9	Fabrication of a covalent organic framework and its gold nanoparticle hybrids as stable mimetic peroxidase for sensitive and selective colorimetric detection of mercury in water samples. Talanta, 2019, 204, 224-228.	2.9	66
10	A building block exchange strategy for the rational fabrication of de novo unreachable amino-functionalized imine-linked covalent organic frameworks. Journal of Materials Chemistry A, 2018, 6, 17307-17311.	5.2	50
11	Thiolâ€“Ene Click Synthesis of Phenylboronic Acid-Functionalized Covalent Organic Framework for Selective Catechol Removal from Aqueous Medium. ACS Applied Materials & Interfaces, 2019, 11, 46219-46225.	4.0	46
12	Covalent organic frameworks for environmental analysis. TrAC - Trends in Analytical Chemistry, 2022, 147, 116516.	5.8	45
13	p-Bromophenol-Enhanced Bienzymatic Chemiluminescence Competitive Immunoassay for Ultrasensitive Determination of Aflatoxin B₁. Analytical Chemistry, 2019, 91, 13191-13197.	3.2	41
14	A knot-linker planarity control strategy for constructing highly crystalline cationic covalent organic frameworks: decoding the effect of crystallinity on adsorption performance. Journal of Materials Chemistry A, 2020, 8, 12657-12664.	5.2	34
15	Room-temperature preparation of a chiral covalent organic framework for the selective adsorption of amino acid enantiomers. RSC Advances, 2020, 10, 15383-15386.	1.7	26
16	Engineering linkage as functional moiety into irreversible thiourea-linked covalent organic framework for ultrafast adsorption of Hg(II). Journal of Hazardous Materials, 2022, 427, 128156.	6.5	26
17	Aptamer Self-Assembly-Functionalized Nanochannels for Sensitive and Precise Detection of Chloramphenicol. Analytical Chemistry, 2021, 93, 14287-14292.	3.2	21
18	Three-Dimensional Nanoporous Covalent Organic Framework-Incorporated Monolithic Columns for High-Performance Liquid Chromatography. ACS Applied Nano Materials, 2021, 4, 5437-5443.	2.4	19

#	Article	IF	Citations
19	Irreversible Amideâ€Linked Covalent Organic Framework for Selective and Ultrafast Gold Recovery. Angewandte Chemie, 2020, 132, 17760-17766.	1.6	18
20	Facile room temperature synthesis of ultra-small sized porous organic cages for fluorescent sensing of copper ion in aqueous solution. Journal of Hazardous Materials, 2021, 416, 125860.	6.5	15
21	Conjugation-regulating synthesis of high photosensitizing activity porphyrin-based covalent organic frameworks for photodynamic inactivation of bacteria. Talanta, 2021, 233, 122536.	2.9	14
22	Hydroxyl-functionalized three-dimensional covalent organic framework for selective and rapid extraction of organophosphorus pesticides. Journal of Chromatography A, 2022, 1673, 463071.	1.8	14
23	Integrating Ordered Two-Dimensional Covalent Organic Frameworks to Solid-State Nanofluidic Channels for Ultrafast and Sensitive Detection of Mercury. Analytical Chemistry, 2022, 94, 8533-8538.	3.2	14
24	Chiral covalent organic framework-monolith as stationary phase for high-performance liquid chromatographic enantioseparation of selected amino acids. Analytical and Bioanalytical Chemistry, 2022, 414, 5255-5262.	1.9	12
25	Building-block exchange synthesis of amino-based three-dimensional covalent organic frameworks for gas chromatographic separation of isomers. Chemical Communications, 2022, 58, 8133-8136.	2.2	12
26	Post-modification of covalent organic framework for gas chromatographic separation of isomers. Journal of Chromatography A, 2022, 1673, 463085.	1.8	9
27	Fabrication of G-quadruplex/porphyrin conjugated gold/persistent luminescence theranostic nanoprobe for imaging-guided photodynamic therapy. Talanta, 2021, 233, 122567.	2.9	8
28	Urea-linked covalent organic framework functionalized polytetrafluoroethylene film for selective and rapid thin film microextraction of rhodamine B. Journal of Chromatography A, 2022, 1673, 463133.	1.8	7
29	Cationic Surfactantâ€Modified Covalent Organic Frameworks for Nitrate Removal from Aqueous Solution: Synthesis by Freeâ€Radical Polymerization. ChemPlusChem, 2020, 85, 828-831.	1.3	6
30	6â€Triphenylphosphinehexanoic Acid Conjugated Nearâ€Infrared Persistent Luminescence Nanoprobe for Autofluorescenceâ€Free Targeted Imaging of Mitochondria in Cancer Cells. ChemNanoMat, 2020, 6, 427-434.	1.5	4