

Robert Hein

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,081
citations

566801

15
h-index

839053

18
g-index

24
all docs

24
docs citations

24
times ranked

1280
citing authors

#	ARTICLE	IF	CITATIONS
1	Antifouling Strategies for Selective <i>In Vitro</i> and <i>In Vivo</i> Sensing. <i>Chemical Reviews</i> , 2020, 120, 3852-3889.	23.0	325
2	Serum neuronal exosomes predict and differentiate Parkinson's disease from atypical parkinsonism. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 720-729.	0.9	148
3	Electrochemical Anion Sensing: Supramolecular Approaches. <i>Chemical Reviews</i> , 2020, 120, 1888-1935.	23.0	129
4	An adherent tissue-inspired hydrogel delivery vehicle utilised in primary human glioma models. <i>Biomaterials</i> , 2018, 179, 199-208.	5.7	69
5	Redox Capacitive Assaying of C-Reactive Protein at a Peptide Supported Aptamer Interface. <i>Analytical Chemistry</i> , 2018, 90, 3005-3008.	3.2	66
6	A halogen-bonding foldamer molecular film for selective reagentless anion sensing in water. <i>Chemical Communications</i> , 2019, 55, 4849-4852.	2.2	45
7	Halogen bonding and chalcogen bonding mediated sensing. <i>Chemical Science</i> , 2022, 13, 7098-7125.	3.7	43
8	Reagentless Redox Capacitive Assaying of C-Reactive Protein at a Polyaniline Interface. <i>Analytical Chemistry</i> , 2020, 92, 3508-3511.	3.2	42
9	Redox-Switchable Chalcogen Bonding for Anion Recognition and Sensing. <i>Journal of the American Chemical Society</i> , 2022, 144, 8827-8836.	6.6	39
10	Simple and rapid quantification of phospholipids for supramolecular membrane transport assays. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 2182-2185.	1.5	27
11	Enhanced voltammetric anion sensing at halogen and hydrogen bonding ferrocenyl SAMs. <i>Chemical Science</i> , 2021, 12, 2433-2440.	3.7	27
12	Halogen-Bonding Strapped Porphyrin BODIPY Rotaxanes for Dual Optical and Electrochemical Anion Sensing. <i>Chemistry - A European Journal</i> , 2021, 27, 14550-14559.	1.7	25
13	Solvent Effects in Halogen and Hydrogen Bonding Mediated Electrochemical Anion Sensing in Aqueous Solution and at Interfaces. <i>Chemistry - A European Journal</i> , 2021, 27, 10201-10209.	1.7	24
14	Supramolecular Catalysis of a Catalysis-Resistant Diels-Alder Reaction: Almost Theoretical Acceleration of Cyclopentadiene Dimerization inside Cucurbit[7]uril. <i>ACS Catalysis</i> , 2022, 12, 2261-2269.	5.5	21
15	The nanoscopic principles of capacitive ion sensing interfaces. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 3770-3774.	1.3	15
16	Rational design of boron-dipyrromethene (BODIPY) reporter dyes for cucurbit[7]uril. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 1961-1971.	1.3	14
17	Continuous and Polarization-Tuned Redox Capacitive Anion Sensing at Electroactive Interfaces. <i>Journal of the American Chemical Society</i> , 2021, 143, 19199-19206.	6.6	11
18	Real-time Voltammetric Anion Sensing Under Flow**. <i>Chemistry - A European Journal</i> , 2021, 27, 17700-17706.	1.7	10

#	ARTICLE	IF	CITATIONS
19	COMC IV: Organometallic Receptors for Charged and Neutral Guest Species. , 2021, , .		1