Sebastien Rochat

List of Publications by Year
in descending order

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23	1,367	516710 16	610901 24
papers	citations	h-index	g-index

26	26	26	2254
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Conjugated Amplifying Polymers for Optical Sensing Applications. ACS Applied Materials & Interfaces, 2013, 5, 4488-4502.	8.0	345
2	Nanowire Chemical/Biological Sensors: Status and a Roadmap for the Future. Angewandte Chemie - International Edition, 2016, 55, 1266-1281.	13.8	237
3	Influence of Hydrogen-Bonding Substituents on the Cytotoxicity of RAPTA Compounds. Organometallics, 2006, 25, 756-765.	2.3	154
4	Fluorescence Sensing of Amine Vapors Using a Cationic Conjugated Polymer Combined with Various Anions. Angewandte Chemie - International Edition, 2014, 53, 9792-9796.	13.8	96
5	A simple fluorescence assay for the detection of fluoride in water at neutral pH. Chemical Communications, 2011, 47, 4391.	4.1	69
6	Crossâ€Reactive Sensor Arrays for the Detection of Peptides in Aqueous Solution by Fluorescence Spectroscopy. Chemistry - A European Journal, 2010, 16, 104-113.	3.3	68
7	Water-Soluble Cationic Conjugated Polymers: Response to Electron-Rich Bioanalytes. Journal of the American Chemical Society, 2013, 135, 17703-17706.	13.7	54
8	Ruthenium-based metallacrown complexes for the selective detection of lithium ions in water and in serum by fluorescence spectroscopy. Organic and Biomolecular Chemistry, 2009, 7, 1147.	2.8	44
9	Fluorescence sensing of caffeine in water with polysulfonated pyrenes. Chemical Communications, 2011, 47, 10584.	4.1	43
10	Hydrogen storage in polymer-based processable microporous composites. Journal of Materials Chemistry A, 2017, 5, 18752-18761.	10.3	43
11	Pattern-Based Sensing with Metalâ^'Dye Complexes: Sensor Arrays versus Dynamic Combinatorial Libraries. ACS Combinatorial Science, 2010, 12, 595-599.	3.3	37
12	A Simple Assay for the Fluorometric Detection of Lithium Ions in Aqueous Solution. Chemistry - A European Journal, 2010, 16, 5013-5017.	3.3	27
13	Effect of pore geometry on ultra-densified hydrogen in microporous carbons. Carbon, 2021, 173, 968-979.	10.3	25
14	Nanoporous polymer-based composites for enhanced hydrogen storage. Adsorption, 2019, 25, 889-901.	3.0	24
15	Assessment of the long-term stability of the polymer of intrinsic microporosity PIM-1 for hydrogen storage applications. International Journal of Hydrogen Energy, 2019, 44, 332-337.	7.1	17
16	Chemical modification of the polymer of intrinsic microporosity PIM-1 for enhanced hydrogen storage. Adsorption, 2020, 26, 1083-1091.	3.0	16
17	AFM imaging and nanoindentation of polymer of intrinsic microporosity PIM-1. International Journal of Hydrogen Energy, 2017, 42, 23915-23919.	7.1	12
18	NanodrÃhte in Chemoâ€•und Biosensoren: aktueller Stand und Fahrplan fÃ¼r die Zukunft. Angewandte Chemie, 2016, 128, 1286-1302.	2.0	10

#	Article	IF	Citations
19	Polymer of Intrinsic Microporosity (PIMâ€7) Coating Affects Triphasic Palladium Electrocatalysis. ChemElectroChem, 2019, 6, 4307-4317.	3.4	9
20	Solvent Sorption-Induced Actuation of Composites Based on a Polymer of Intrinsic Microporosity. ACS Applied Polymer Materials, 2021, 3, 920-928.	4.4	8
21	Lock-and-Key Exciplexes for Thermally Activated Delayed Fluorescence. Organic Materials, 2020, 02, 001-010.	2.0	7
22	Enhancement of gas storage and separation properties of microporous polymers by simple chemical modifications. Multifunctional Materials, 2021, 4, 025002.	3.7	5
23	Fluorescence Sensors for Lithium Ions and Small Peptides. Chimia, 2010, 64, 150-152.	0.6	1