

Stephen E Flower

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8454223/publications.pdf>

Version: 2024-02-01

19
papers

626
citations

687363

13
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

1013
citing authors

#	ARTICLE	IF	CITATIONS
1	A water-soluble boronate-based fluorescent probe for the selective detection of peroxynitrite and imaging in living cells. <i>Chemical Science</i> , 2014, 5, 3368.	7.4	205
2	Reaction-based Indicator displacement Assay (RIA) for the selective colorimetric and fluorometric detection of peroxynitrite. <i>Chemical Science</i> , 2015, 6, 2963-2967.	7.4	84
3	“Integrated” and “insulated” boronate-based fluorescent probes for the detection of hydrogen peroxide. <i>Chemical Communications</i> , 2013, 49, 8311.	4.1	53
4	Boronic acid based photoinduced electron transfer (PET) fluorescence sensors for saccharides. <i>New Journal of Chemistry</i> , 2010, 34, 2922.	2.8	41
5	An electrochemical study of enzymatic oligonucleotide digestion. <i>Bioelectrochemistry</i> , 2004, 63, 307-310.	4.6	34
6	Diol Appended Quenchers for Fluorescein Boronic Acid. <i>Chemistry - an Asian Journal</i> , 2010, 5, 581-588.	3.3	26
7	A simple and effective colorimetric technique for the detection of boronic acids and their derivatives. <i>Analytical Methods</i> , 2012, 4, 2215.	2.7	26
8	Hydrothermal Conversion of One-Photon-Fluorescent Poly(4-vinylpyridine) into Two-Photon-Fluorescent Carbon Nanodots. <i>Langmuir</i> , 2014, 30, 11746-11752.	3.5	24
9	Behavior of Supramolecular Assemblies of Radiometal-Filled and Fluorescent Carbon Nanocapsules In Vitro and In Vivo. <i>Chem</i> , 2017, 3, 437-460.	11.7	22
10	Biotinylated boronic acid fluorophore conjugates: Quencher elimination strategy for imaging and saccharide detection. <i>RSC Advances</i> , 2012, 2, 3274.	3.6	20
11	An electrochemical gene detection assay utilising T7 exonuclease activity on complementary probe-target oligonucleotide sequences. <i>Electrochemistry Communications</i> , 2004, 6, 1227-1232.	4.7	19
12	Analysis of protein glycation using fluorescent phenylboronate gel electrophoresis. <i>Scientific Reports</i> , 2013, 3, 1437.	3.3	18
13	Colorimetric enantioselective recognition of chiral secondary alcohols via hydrogen bonding to a chiral metallocene containing chemosensor. <i>Chemical Communications</i> , 2013, 49, 8314.	4.1	15
14	One-pot Synthesis of Perhydrofuro[2,3-b]pyran Derivatives. <i>Synlett</i> , 2003, 2003, 1491-1493.	1.8	10
15	Microwave-electrochemical formation of colloidal zinc oxide at fluorine doped tin oxide electrodes. <i>Electrochimica Acta</i> , 2010, 55, 7909-7915.	5.2	10
16	Suzuki homo-coupling reaction based fluorescent sensors for monosaccharides. <i>RSC Advances</i> , 2014, 4, 35238.	3.6	9
17	Field-effect saccharide sensing using AlGaIn/GaN heterostructures and boronic acid based chemical receptors. <i>Sensors and Actuators B: Chemical</i> , 2011, 160, 1078-1081.	7.8	8
18	Analysis of Protein Glycation Using Phenylboronate Acrylamide Gel Electrophoresis. <i>Methods in Molecular Biology</i> , 2019, 1855, 161-175.	0.9	2

#	ARTICLE	IF	CITATIONS
19	One-Pot Synthesis of Perhydrofuro[2,3-b]pyran Derivatives.. ChemInform, 2003, 34, no.	0.0	0