Alexander Schiller

List of Publications by Year
in descending order

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34 papers	1,850 citations	279798 23 h-index	395702 33 g-index
45 all docs	45 docs citations	45 times ranked	2241 citing authors

#	Article	IF	Citations
1	Frontispiece: Twoâ€Photonâ€Induced COâ€Releasing Molecules as Molecular Logic Systems in Solution, Polymers, and Cells. Chemistry - A European Journal, 2019, 25, .	3.3	0
2	Visible light-activated biocompatible photo-CORM for CO-release with colorimetric and fluorometric dual turn-on response. Polyhedron, 2019, 172, 175-181.	2.2	10
3	Twoâ€Photonâ€Induced COâ€Releasing Molecules as Molecular Logic Systems in Solution, Polymers, and Cells. Chemistry - A European Journal, 2019, 25, 8453-8458.	3.3	15
4	Co-Registered Molecular Logic Gate with a CO-Releasing Molecule Triggered by Light and Peroxide. Journal of the American Chemical Society, 2017, 139, 4991-4994.	13.7	89
5	Red Light-Triggered CO Release from Mn₂(CO)₁₀ Using Triplet Sensitization in Polymer Nonwoven Fabrics. Journal of the American Chemical Society, 2017, 139, 15292-15295.	13.7	67
6	Fluorinated Boronic Acid-Appended Pyridinium Salts and ¹⁹F NMR Spectroscopy for Diol Sensing. Journal of the American Chemical Society, 2017, 139, 11413-11420.	13.7	61
7	Light-responsive paper strips as CO-releasing material with a colourimetric response. Chemical Science, 2017, 8, 6555-6560.	7.4	23
8	Development of an advanced diagnostic concept for intestinal inflammation: molecular visualisation of nitric oxide in macrophages by functional poly(lactic-co-glycolic acid) microspheres. Beilstein Journal of Nanotechnology, 2017, 8, 1637-1641.	2.8	0
9	Manganese(I)-Based CORMs with 5-Substituted 3-(2-Pyridyl)Pyrazole Ligands. Inorganics, 2017, 5, 8.	2.7	13
10	Bactericidal Effect of a Photoresponsive Carbon Monoxide-Releasing Nonwoven against Staphylococcus aureus Biofilms. Antimicrobial Agents and Chemotherapy, 2016, 60, 4037-4046.	3.2	37
11	Remote-controlled delivery of CO via photoactive CO-releasing materials on a fiber optical device. Dalton Transactions, 2016, 45, 13222-13233.	3.3	34
12	Frontispiece: Sensitization of NO-Releasing Ruthenium Complexes to Visible Light. Chemistry - A European Journal, 2015, 21, n/a-n/a.	3.3	0
13	Sensitization of NOâ€Releasing Ruthenium Complexes to Visible Light. Chemistry - A European Journal, 2015, 21, 15554-15563.	3.3	14
14	Fluorinated Boronic Acid-Appended Bipyridinium Salts for Diol Recognition and Discrimination via ¹⁹F NMR Barcodes. Journal of the American Chemical Society, 2015, 137, 15402-15405.	13.7	38
15	Light-triggered CO release from nanoporous non-wovens. Journal of Materials Chemistry B, 2014, 2, 1454-1463.	5.8	78
16	Carbon monoxide â€“ physiology, detection and controlled release. Chemical Communications, 2014, 50, 3644-3660.	4.1	335
17	Sugarâ€based Molecular Computing by Material Implication. Angewandte Chemie - International Edition, 2014, 53, 7339-7343.	13.8	40
18	Allosteric Indicator Displacement Enzyme Assay for a Cyanogenic Glycoside. Chemistry - A European Journal, 2013, 19, 14451-14457.	3.3	27

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19	Unconventional Nonâ€Aqueous Emulsions for the Encapsulation of a Phototriggerable NOâ€Donor Complex in Polymer Nanoparticles. Particle and Particle Systems Characterization, 2013, 30, 138-142.	2.3	27
20	Light-triggered NO release from a nanofibrous non-woven. Journal of Materials Chemistry, 2012, 22, 8785.	6.7	22
21	Enzymatic Glycosylation of Small Molecules: Challenging Substrates Require Tailored Catalysts. Chemistry - A European Journal, 2012, 18, 10786-10801.	3.3	183
22	Molecular Logic with a Saccharide Probe on the Few-Molecules Level. Journal of the American Chemical Society, 2012, 134, 8098-8100.	13.7	60
23	Multiwell plates loaded with fluorescent hydrogel sensors for measuring pH and glucose concentration. Journal of Materials Chemistry, 2011, 21, 7589.	6.7	40
24	Going Beyond Continuous Glucose Monitoring with Boronic Acid-Appended Bipyridinium Salts. Reviews in Fluorescence, 2011, , 155-191.	0.5	6
25	Bis[(1-vinyl-1H-imidazol-2-yl-ÎºN3)methanamine-ÎºN]copper(II) bis(hexafluoridophosphate). Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m1845-m1845.	0.2	0
26	Potential photoactivated metallopharmaceuticals: from active molecules to supported drugs. Chemical Communications, 2010, 46, 6651.	4.1	149
27	Enzyme assays with boronic acid appended bipyridinium salts. Analytica Chimica Acta, 2009, 649, 246-251.	5.4	28
28	Recognition of phospho sugars and nucleotides with an array of boronic acid appended bipyridinium salts. Analytica Chimica Acta, 2008, 627, 203-211.	5.4	37
29	Boronic acid-appended bis-viologens as a new family of viologen quenchers for glucose sensing. Tetrahedron Letters, 2008, 49, 300-304.	1.4	34
30	A Fluorescent Sensor Array for Saccharides Based on Boronic Acid Appended Bipyridinium Salts. Angewandte Chemie - International Edition, 2007, 46, 6457-6459.	13.8	141
31	Enhanced hydrolytic activity of Cu(ii) and Zn(ii) complexes in highly cross-linked polymers. Dalton Transactions, 2006, , 3858.	3.3	20
32	Highly Cross-linked Polymers ContainingN,Nâ€˜,Nâ€˜Ââ€˜-Chelate Ligands for the Cu(II)-Mediated Hydrolysis of Phosphoesters. Inorganic Chemistry, 2005, 44, 6482-6492.	4.0	24
33	Novel Organotellurium(IV) Diazides and Triazides#. Inorganic Chemistry, 2002, 41, 1184-1193.	4.0	44
34	Coherent Anti-Stokes Raman Scattering (CARS) Correlation Spectroscopy. ChemPhysChem, 2002, 3, 630-633.	2.1	25