

# Maryline Beyler

## List of Publications by Citations

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42  
papers

821  
citations

17  
h-index

27  
g-index

46  
ext. papers

937  
ext. citations

5.5  
avg, IF

3.83  
L-index

#	Paper	IF	Citations
42	Light-driven electron transfer between a photosensitizer and a proton-reducing catalyst co-adsorbed to NiO. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 19322-5	16.4	89
41	Supramolecular luminescent lanthanide dimers for fluoride sequestering and sensing. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 7259-63	16.4	77
40	Pentacoordinate iron complexes as functional models of the distal iron in [FeFe] hydrogenases. <i>Chemical Communications</i> , <b>2011</b> , 47, 11662-4	5.8	51
39	Near infrared two photon imaging using a bright cationic Yb(iii) bioprobe spontaneously internalized into live cells. <i>Chemical Communications</i> , <b>2017</b> , 53, 6005-6008	5.8	49
38	Stable Mn(2+), Cu(2+) and Ln(3+) complexes with cyclen-based ligands functionalized with picolinate pendant arms. <i>Dalton Transactions</i> , <b>2015</b> , 44, 5017-31	4.3	49
37	Photoelectrochemical hydrogen generation by an [FeFe] hydrogenase active site mimic at a p-type silicon/molecular electrocatalyst junction. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 1295-8	4.8	40
36	Cationic Two-Photon Lanthanide Bioprobes Able to Accumulate in Live Cells. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 7020-5	5.1	35
35	Investigating the Complexation of the Pb(2+)/Bi(3+) Pair with Dipicolinate Cyclen Ligands. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 7045-57	5.1	34
34	Pyclen-Based Ln(III) Complexes as Highly Luminescent Bioprobes for and One- and Two-Photon Bioimaging Applications. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 10184-10197	16.4	33
33	Coordination chemistry-assembled porphyrinic catenanes. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 4409-17	16.4	33
32	Expanding the Family of Pyclen-Based Ligands Bearing Pendant Picolinate Arms for Lanthanide Complexation. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 6932-6945	5.1	25
31	HfMe-do2pa: an attractive chelator with fast, stable and inert (nat)Bi <sup>III</sup> and <sup>213</sup> PbBi <sup>III</sup> complexation for potential $\beta$ -radioimmunotherapy applications. <i>Chemical Communications</i> , <b>2014</b> , 50, 12371-4	5.8	23
30	Three-component noncovalent assembly consisting of a central tetrakis-4-pyridyl porphyrin and two lateral gable-like bis-Zn porphyrins. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 8263-70	5.1	21
29	Combining a pyclen framework with conjugated antenna for the design of europium and samarium luminescent bioprobes. <i>Chemical Communications</i> , <b>2018</b> , 54, 6173-6176	5.8	21
28	Quantitative formation of a tetraporphyrin [2]catenane via copper and zinc coordination. <i>Chemical Communications</i> , <b>2008</b> , 5396-8	5.8	19
27	Stable and Inert Yttrium(III) Complexes with Pyclen-Based Ligands Bearing Pendant Picolinate Arms: Toward New Pharmaceuticals for $\beta$ -Radiotherapy. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 2051-2063	5.1	18
26	The role of the capping bond effect on pyclen Y/Y chelates: full control of the regiospecific N-functionalization makes the difference. <i>Chemical Communications</i> , <b>2017</b> , 53, 9534-9537	5.8	18

25	Improving the stability and inertness of Cu(II) and Cu(I) complexes with methylthiazolyl ligands by tuning the macrocyclic structure. <i>Dalton Transactions</i> , <b>2016</b> , 45, 7406-20	4.3	17
24	A Coordination Chemistry Approach to Fine-Tune the Physicochemical Parameters of Lanthanide Complexes Relevant to Medical Applications. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 3127-3131	4.8	17
23	Supramolecular Luminescent Lanthanide Dimers for Fluoride Sequestering and Sensing. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 7387-7391	3.6	16
22	Pyclen Tri-n-butylphosphonate Ester as Potential Chelator for Targeted Radiotherapy: From Yttrium(III) Complexation to (90)Y Radiolabeling. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 8003-12	5.1	14
21	Unusual photoinduced electron transfer from a zinc porphyrin to a tetrapyrrolyl free-base porphyrin in a noncovalent multiporphyrin array. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 8748-56	4.8	13
20	Cyclams with Ambidentate Methylthiazolyl Pendants for Stable, Inert, and Selective Cu(II) Coordination. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 619-32	5.1	12
19	Straightforward and mild deprotection methods of N-mono- and N1,N7-functionalised bisaminal cyclens. <i>Tetrahedron</i> , <b>2015</b> , 71, 3857-3862	2.4	10
18	Cyclam te1pa for <sup>64</sup> Cu PET imaging. Bioconjugation to antibody, radiolabeling and preclinical application in xenografted colorectal cancer. <i>RSC Advances</i> , <b>2017</b> , 7, 9272-9283	3.7	9
17	Cationic Biphotonic Lanthanide Luminescent Bioprobes Based on Functionalized Cross-Bridged Cyclam Macrocycles. <i>ChemPhysChem</i> , <b>2020</b> , 21, 1036-1043	3.2	9
16	Kinetics Are Crucial When Targeting Copper Ions to Fight Alzheimer's Disease: An Illustration with Azamacrocyclic Ligands. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 8447-8452	4.8	9
15	Various Synthetic Routes to a Gable-Like Bis(porphyrin) Constructed on a 1,10-Phenanthroline Chelate. <i>European Journal of Organic Chemistry</i> , <b>2009</b> , 2009, 2801-2805	3.2	9
14	A [two-step/one week] synthesis of C-functionalized homocyclens and cyclams. Application to the preparation of conjugable BCAs without chelating properties alteration. <i>RSC Advances</i> , <b>2015</b> , 5, 85898-85910	3.7	8
13	The dual role of Cu(I) as a protective group and a template in the synthesis of a tetra-rhodium(III)porphyrin [2]catenane. <i>New Journal of Chemistry</i> , <b>2010</b> , 34, 1825	3.6	8
12	Highly Stable and Inert Complexation of Indium(III) by Reinforced Cyclam Dipicolinate and a Bifunctional Derivative for Bead Encoding in Mass Cytometry. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 15387-15400	4.8	6
11	Coordination chemistry-assembled multicomponent systems built from a gable-like bis-porphyrin: synthesis and photophysical properties. <i>Photochemistry and Photobiology</i> , <b>2014</b> , 90, 275-86	3.6	6
10	Enabling Indium Channels for Mass Cytometry by Using Reinforced Cyclam-Based Chelating Polylysine. <i>Bioconjugate Chemistry</i> , <b>2020</b> , 31, 2103-2115	6.3	5
9	Expanding the Scope of Pyclen-Picolinate Lanthanide Chelates to Potential Theranostic Applications. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 11736-11748	5.1	4
8	Pyclen-Based Ligands Bearing Pendant Picolinate Arms for Gadolinium Complexation. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 2390-2405	5.1	4

7	A noncovalently assembled porphyrinic catenane consisting of two interlocking [43]-membered rings. <i>New Journal of Chemistry</i> , <b>2011</b> , 35, 1751	3.6	3
6	Picolinate-appended tacn complexes for bimodal imaging: Radiolabeling, relaxivity, photophysical and electrochemical studies. <i>Journal of Inorganic Biochemistry</i> , <b>2020</b> , 205, 110978	4.2	3
5	Design of polyazamacrocyclic Gd <sup>3+</sup> theranostic agents combining magnetic resonance imaging and two-photon photodynamic therapy. <i>Inorganic Chemistry Frontiers</i> , <b>2021</b> , 8, 2213-2224	6.8	2
4	Templated synthesis of catenanes incorporating Zn(II) or Rh(III)-complexed porphyrins: the coordination chemistry-only approach. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2011</b> , 15, 848-857	1.8	1
3	A different approach: highly encapsulating macrocycles being used as organic tectons in the building of CPs. <i>CrystEngComm</i> , <b>2021</b> , 23, 453-464	3.3	1
2	Intracellular Transport Studies of Picolinate Macrocylic Copper and Lanthanide Complexes. <i>ChemistrySelect</i> , <b>2016</b> , 1, 4423-4429	1.8	
1	P1-156: Targeting amyloid peptide using metal complexes <b>2015</b> , 11, P404-P404		