

Christine O Paul-Roth

List of Publications by Year in descending order

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51
papers

1,094
citations

331670

21
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434195

31
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51
all docs

51
docs citations

51
times ranked

1042
citing authors

#	ARTICLE	IF	CITATIONS
1	Amide Functional Group Contribution to the Stability of Gadolinium(III) Complexes: DTPA Derivatives. <i>Inorganic Chemistry</i> , 1995, 34, 1408-1412.	4.0	77
2	Platinum and palladium complexes of fluorenyl porphyrins as red phosphors for light-emitting devices. <i>New Journal of Chemistry</i> , 2011, 35, 438-444.	2.8	57
3	Electroactive films of poly(tetraphenylporphyrins) with reduced bandgap. <i>Journal of Electroanalytical Chemistry</i> , 2006, 597, 19-27.	3.8	53
4	Ruthenium π -porphyrin-catalyzed carbenoid addition to allylic compounds: application to [2,3]-sigmatropic rearrangements of ylides. <i>Journal of Organometallic Chemistry</i> , 2001, 617-618, 360-363.	1.8	45
5	Synthesis, Characterization, and Structural Properties of Luminescent Lanthanide Complexes. <i>Helvetica Chimica Acta</i> , 1995, 78, 1895-1903.	1.6	44
6	Anodic oxidation and physicochemical properties of various porphyrin-fluorenes or -spirobifluorenes: Synthesis of new polymers for heterogeneous catalytic reactions. <i>Journal of Electroanalytical Chemistry</i> , 2005, 583, 92-103.	3.8	44
7	Synthesis and photophysical properties of porphyrins with fluorenyl pendant arms. <i>Tetrahedron</i> , 2009, 65, 2975-2981.	1.9	42
8	New polymers for catalytic carbene transfer: electropolymerization of tetrafluorenylporphyrinruthenium carbon monoxide. <i>Tetrahedron</i> , 2004, 60, 12169-12175.	1.9	36
9	New tetra-aryl and bi-aryl porphyrins bearing 5,15-related fluorenyl pendants: the influence of arylation on fluorescence. <i>Tetrahedron Letters</i> , 2007, 48, 4317-4322.	1.4	33
10	Porphyrins with fluorenyl and fluorenone pendant arms. <i>Tetrahedron Letters</i> , 2006, 47, 3275-3278.	1.4	31
11	Cubic nonlinear optical properties of new zinc tetraphenyl porphyrins peripherally functionalized with electron-rich Ru(II) alkynyl substituents. <i>Tetrahedron</i> , 2012, 68, 10351-10359.	1.9	31
12	Cyclopropanation of alkenes with diisopropyl diazomethylphosphonate catalysed by ruthenium porphyrin complexes. <i>Journal of Molecular Catalysis A</i> , 2003, 201, 79-91.	4.8	29
13	Fluorenyl porphyrins for combined two-photon excited fluorescence and photosensitization. <i>Chemical Physics Letters</i> , 2015, 625, 151-156.	2.6	29
14	Synthesis and Characterization of New Conjugated Fluorenyl π -Porphyrin Dendrimers for Optics. <i>Chemistry - A European Journal</i> , 2016, 22, 5583-5597.	3.3	29
15	Comparative behaviour of the anodic oxidation of mono-, di- and tetra-arylporphyrins: Towards new electroactive materials with variable bandgaps. <i>Journal of Electroanalytical Chemistry</i> , 2008, 623, 204-214.	3.8	28
16	Fluorenyl dendrimer porphyrins: synthesis and photophysical properties. <i>Tetrahedron</i> , 2009, 65, 10693-10700.	1.9	28
17	Flow electroanalytical system based on cyclam-modified graphite felt electrodes for lead detection. <i>Journal of Electroanalytical Chemistry</i> , 2010, 638, 9-14.	3.8	28
18	Synthesis of new luminescent supramolecular assemblies from fluorenyl porphyrins and polypyridyl isocyanurate-based spacers. <i>Tetrahedron</i> , 2012, 68, 98-105.	1.9	24

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19	Synthesis, solid-state molecular structure and polymerization of a trans-substituted meso-porphyrin with thienyl pendant arms. <i>Journal of Molecular Structure</i> , 2008, 872, 105-112.	3.6	23
20	New Conjugated <i>meso</i> -Tetrafluorenylporphyrin-Cored Derivatives as Fluorescent Two-Photon Photosensitizers for Singlet Oxygen Generation. <i>Chemistry - A European Journal</i> , 2017, 23, 2635-2647.	3.3	23
21	Enhanced two-photon absorption cross-sections of zinc(II) tetraphenylporphyrins peripherally substituted with d6-metal alkynyl complexes. <i>New Journal of Chemistry</i> , 2012, 36, 2192.	2.8	22
22	Biocompatible conjugated fluorenylporphyrins for two-photon photodynamic therapy and fluorescence imaging. <i>Chemical Communications</i> , 2019, 55, 12231-12234.	4.1	21
23	Dendritic molecular assemblies for singlet oxygen generation: meso-tetraphenylporphyrin-based biphotonic sensitizers with remarkable luminescence. <i>New Journal of Chemistry</i> , 2015, 39, 7730-7733.	2.8	19
24	Iron and Ruthenium Alkynyl Complexes with Fluorenyl Groups: Some Linear and Nonlinear Optical Absorption Properties. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3868-3882.	2.0	19
25	New conjugated meso-tetrathienylporphyrin-cored derivatives as two-photon photosensitizers for singlet oxygen generation. <i>Dyes and Pigments</i> , 2018, 153, 248-255.	3.7	19
26	Selective anodic preparation of 1D or 2D electroactive deposits from 5,15-bis-(9H-fluoren-2-yl)-10,20-diphenyl porphyrins. <i>Journal of Electroanalytical Chemistry</i> , 2007, 606, 103-116.	3.8	18
27	A zinc(II) tetraphenylporphyrin peripherally functionalized with redox-active <i>trans</i> -[(<i>l</i> -5-C ₅ H ₅)Fe(<i>l</i> -5-C ₅ H ₄)C C](<i>l</i> -2-dppe) ₂ Ru(C C)-substituents: Linear electrochromism and third-order 2.2 nonlinear optics. <i>Polyhedron</i> , 2015, 86, 64-70.		18
28	Porphyrins with fluorenyl and fluorenone pendant arms as red-light-emitting devices. <i>Comptes Rendus Chimie</i> , 2006, 9, 1277-1286.	0.5	16
29	A family of fluorenyl dendrons for porphyrin dendrimers synthesis. <i>Tetrahedron</i> , 2012, 68, 7901-7910.	1.9	16
30	New donor-acceptor conjugates based on a trifluorenylporphyrin linked to a redox-switchable ruthenium unit. <i>Dalton Transactions</i> , 2015, 44, 9470-9485.	3.3	16
31	Cyclopropyl phosphonate ester synthesis catalyzed by ruthenium porphyrins: first characterization of a phosphonate carbene complex. <i>Tetrahedron Letters</i> , 2002, 43, 3685-3687.	1.4	15
32	Synthesis of platinum complexes of fluorenyl-substituted porphyrins used as phosphorescent dyes for solution-processed organic light-emitting devices. <i>Tetrahedron</i> , 2013, 69, 9625-9632.	1.9	15
33	New porphyrin dendrimers with fluorenyl-based connectors: a simple way to improving the optical properties over dendrimers featuring 1,3,5-phenylene connectors. <i>New Journal of Chemistry</i> , 2020, 44, 4144-4157.	2.8	15
34	Nonlinear optical properties of meso-Tetra(fluorenyl)porphyrins peripherally functionalized with one to four ruthenium alkynyl substituents. <i>Dyes and Pigments</i> , 2021, 188, 109155.	3.7	15
35	Linear porphyrin dimers with fluorenyl arms linked by an ethynyl bridge. <i>Tetrahedron</i> , 2013, 69, 7112-7124.	1.9	13
36	New luminescent fluorenyl-armed linear porphyrin trimers with diphenylacetylene bridges. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2014, 288, 23-33.	3.9	13

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37	Phthalocyanine-Cored Fluorophores with Fluorene-Containing Peripheral Two-Photon Antennae as Photosensitizers for Singlet Oxygen Generation. <i>Molecules</i> , 2020, 25, 239.	3.8	13
38	Scanning tunneling microscopy investigations of electropolymerized tetra-arylporphyrin complexes. <i>Thin Solid Films</i> , 2009, 517, 5474-5481.	1.8	11
39	New porphyrin-based dendrimers with alkene linked fluorenyl antennae for optics. <i>New Journal of Chemistry</i> , 2018, 42, 395-401.	2.8	11
40	Synthesis, characterization and third-order nonlinear optical properties of a dodecaruthenium organometallic dendrimer with a zinc(II) tetraphenylporphyrin core. <i>Dalton Transactions</i> , 2018, 47, 11123-11135.	3.3	8
41	Impact of Changing the Core in Tetrapyrrolic Dendrimers Designed for Oxygen Sensitization: New Fluorescent Phthalocyanine-Based Dendrimers with High Two-Photon Absorption Cross-sections. <i>Macromolecules</i> , 2021, 54, 6726-6744.	4.8	7
42	Biocompatible fluorenylphthalocyanines for one- and two-photon photodynamic therapy and fluorescence imaging. <i>Dyes and Pigments</i> , 2022, 197, 109840.	3.7	7
43	Synthesis and characterization of a new bis-oxamide copper(II) complex incorporating a pendant carboxylate function. <i>Comptes Rendus Chimie</i> , 2005, 8, 1232-1236.	0.5	6
44	A hybrid ruthenium alkynyl/zinc porphyrin with large cubic NLO properties. <i>Dalton Transactions</i> , 2015, 44, 7748-7751.	3.3	6
45	New luminescent extended linear dimer based on meso-tetrafluorenylporphyrins. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 338, 96-103.	3.9	6
46	Fluorenylporphyrins functionalized by electrochromic ruthenium units as redox-triggered fluorescence switches. <i>Dalton Transactions</i> , 2019, 48, 11897-11911.	3.3	5
47	New meso-tetrafluorenylethynyl porphyrin platform. <i>Journal of Porphyrins and Phthalocyanines</i> , 2019, 23, 185-195.	0.8	4
48	Encapsulation of Hydrophobic Porphyrins into Biocompatible Nanoparticles: An Easy Way to Benefit of Their Two-Photon Phototherapeutic Effect without Hydrophilic Functionalization. <i>Cancers</i> , 2022, 14, 2358.	3.7	3
49	Synthesis, characterization and optical properties of new tetrafluorenyl-porphyrins peripherally functionalized with conjugated 2-fluorenone groups. <i>New Journal of Chemistry</i> , 2021, 45, 15053-15062.	2.8	2
50	New fluorescent tetraphenylporphyrin-based dendrimers with alkene-linked fluorenyl antennae designed for oxygen sensitization. <i>Comptes Rendus Chimie</i> , 2021, 24, 57-70.	0.5	1
51	New highly fluorescent phthalocyanines dendrimers with fluorenyl-based connectors vs phenyl-based connectors. <i>Tetrahedron</i> , 2022, 105, 132603.	1.9	0