

Sbastien Richeter

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

76 papers	2,395 citations	26 h-index	47 g-index
86 ext. papers	2,629 ext. citations	4.7 avg, IF	4.58 L-index

#	Paper	IF	Citations
76	Periodic Mesoporous Ionosilica Nanoparticles for Green Light Photodynamic Therapy and Photochemical Internalization of siRNA. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 29325-29339	9.5	8
75	Phosphonium-based polythiophene conjugated polyelectrolytes with different surfactant counterions: thermal properties, self-assembly and photovoltaic performances. <i>Polymer International</i> , 2021 , 70, 457-466	3.3	3
74	Synthesis, characterization and use of a POSS-arylamine based pushpull octamer. <i>New Journal of Chemistry</i> , 2021 , 45, 6186-6191	3.6	0
73	Molecular Systems Combining Porphyrinoids and N-Heterocyclic Carbenes. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 776-791	2.3	0
72	Synthesis, Self-Assembly, and Nucleic Acid Recognition of an Acylhydrazone-Conjugated Cationic Tetraphenylethene Ligand. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 1123-1135	3.2	2
71	In vitro toxicity and photodynamic properties of porphyrinoids bearing imidazolium salts and N-heterocyclic carbene gold(I) complexes. <i>Comptes Rendus Chimie</i> , 2021 , 24, 1-17	2.7	0
70	Molecular complexes and main-chain organometallic polymers based on Janus bis(carbenes) fused to metalloporphyrins. <i>Dalton Transactions</i> , 2020 , 49, 7005-7014	4.3	5
69	In Depth Analysis of Photovoltaic Performance of Chlorophyll Derivative-Based "All Solid-State" Dye-Sensitized Solar Cells. <i>Molecules</i> , 2020 , 25,	4.8	6
68	Design of metalloporphyrins fused to imidazolium rings for binding DNA G-quadruplexes. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020 , 24, 340-349	1.8	2
67	Synthesis, photophysical and electropolymerization properties of thiophene-substituted 2,3-diphenylbuta-1,3-dienes. <i>New Journal of Chemistry</i> , 2020 , 44, 12556-12567	3.6	
66	Polythiophenes with Cationic Phosphonium Groups as Vectors for Imaging, siRNA Delivery, and Photodynamic Therapy. <i>Nanomaterials</i> , 2020 , 10,	5.4	4
65	Binding Mode Multiplicity and Multiscale Chirality in the Supramolecular Assembly of DNA and a EConjugated Polymer. <i>ChemPhysChem</i> , 2020 , 21, 2543-2552	3.2	0
64	Synthesis and properties of a P3HT-based ABA triblock copolymer containing a perfluoropolyether central segment. <i>Synthetic Metals</i> , 2019 , 252, 127-134	3.6	6
63	Detection of the Enzymatic Cleavage of DNA through Supramolecular Chiral Induction to a Cationic Polythiophene.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 2125-2136	4.1	8
62	Silole Amino Acids with Aggregation-Induced Emission Features Synthesized by Hydrosilylation. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 2275-2281	3.2	3
61	A Cationic Tetraphenylethene as a Light-Up Supramolecular Probe for DNA G-Quadruplexes. <i>Frontiers in Chemistry</i> , 2019 , 7, 493	5	9
60	Supramolecular Self-Assembly of DNA with a Cationic Polythiophene: From Polyplexes to Fibers. <i>ChemNanoMat</i> , 2019 , 5, 703-709	3.5	6

59	Peripherally Metalated Porphyrins with Applications in Catalysis, Molecular Electronics and Biomedicine. <i>Chemistry - A European Journal</i> , 2018 , 24, 15442-15460	4.8	37
58	Functionalization of P3HT-Based Hybrid Materials for Photovoltaic Applications 2018 , 107-177		0
57	Supramolecular Assemblies of DNA/Conjugated Polymers. <i>Materials and Energy</i> , 2018 , 139-157		3
56	Gemcitabine Delivery and Photodynamic Therapy in Cancer Cells via Porphyrin-Ethylene-Based Periodic Mesoporous Organosilica Nanoparticles. <i>ChemNanoMat</i> , 2018 , 4, 46-51	3.5	23
55	Cofacial porphyrin dimers assembled from N-heterocyclic carbene-metal bonds. <i>Chemical Communications</i> , 2018 , 54, 9603-9606	5.8	12
54	Mesoporous silica nanoparticles in recent photodynamic therapy applications. <i>Photochemical and Photobiological Sciences</i> , 2018 , 17, 1651-1674	4.2	30
53	Diazachlorin and diazabacteriochlorin for one- and two-photon photodynamic therapy. <i>Chemical Communications</i> , 2018 , 54, 13829-13832	5.8	10
52	Molecular design of interfacial layers based on conjugated polythiophenes for polymer and hybrid solar cells. <i>Polymer International</i> , 2017 , 66, 1333-1348	3.3	16
51	Well-designed poly(3-hexylthiophene) as hole transporting material: A new opportunity for solid-state dye-sensitized solar cells. <i>Synthetic Metals</i> , 2017 , 226, 157-163	3.6	20
50	Generation of Multicomponent Molecular Cages using Simultaneous Dynamic Covalent Reactions. <i>Chemistry - A European Journal</i> , 2017 , 23, 18010-18018	4.8	24
49	Porphyrins Conjugated with Peripheral Thiolato Gold(I) Complexes for Enhanced Photodynamic Therapy. <i>Chemistry - A European Journal</i> , 2017 , 23, 14017-14026	4.8	22
48	Experimental and Theoretical Study of the Reactivity of Gold Nanoparticles Towards Benzimidazole-2-ylidene Ligands. <i>Chemistry - A European Journal</i> , 2016 , 22, 10446-58	4.8	27
47	Synthesis, Characterization, and Electronic Properties of Porphyrins Conjugated with N-Heterocyclic Carbene (NHC) Gold(I) Complexes. <i>Organometallics</i> , 2016 , 35, 663-672	3.8	23
46	Porphyrins fused to N-heterocyclic carbene palladium complexes as tunable precatalysts in Mizoroki-Hick reactions: How the porphyrin can modulate the apparent catalytic activity?. <i>Comptes Rendus Chimie</i> , 2016 , 19, 94-102	2.7	19
45	Expanding the light absorption of poly(3-hexylthiophene) by end-functionalization with extended porphyrins. <i>Chemical Communications</i> , 2016 , 52, 171-4	5.8	11
44	Regioregular Polythiophene-Porphyrin Supramolecular Copolymers for Optoelectronic Applications. <i>Macromolecular Chemistry and Physics</i> , 2016 , 217, 445-458	2.6	11
43	Mesoporous silicon nanoparticles for targeted two-photon theranostics of prostate cancer. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 3639-3642	7.3	32
42	Self-assembly and hybridization mechanisms of DNA with cationic polythiophene. <i>Soft Matter</i> , 2015 , 11, 6460-71	3.6	17

41	Self-assembled conjugated polyelectrolyte-surfactant complexes as efficient cathode interlayer materials for bulk heterojunction organic solar cells. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 23905-23916	13	15
40	Binding modes of a core-extended metalloporphyrin to human telomeric DNA G-quadruplexes. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 2453-63	3.9	27
39	Ultrafast energy transfer in a Pd(II)-bridged bisporphyrin dyad. <i>Chemical Communications</i> , 2014 , 50, 14609-12	3.8	13
38	Reactivity of gold nanoparticles towards N-heterocyclic carbenes. <i>Dalton Transactions</i> , 2014 , 43, 5978-82	4.3	68
37	A combined experimental-computational study of benzoxaborole crystal structures. <i>CrystEngComm</i> , 2014 , 16, 4999	3.3	24
36	Ultrasmall NHC-coated gold nanoparticles obtained through solvent free thermolysis of organometallic Au(I) complexes. <i>Dalton Transactions</i> , 2014 , 43, 15713-8	4.3	50
35	Aromatic nucleophilic substitution (S _N Ar) of meso-nitroporphyrin with azide and amines as an alternative metal catalyst free synthetic approach to obtain meso-N-substituted porphyrins. <i>Journal of Organic Chemistry</i> , 2014 , 79, 6424-34	4.2	41
34	All-conjugated cationic copolythiophene block copolyelectrolytes: synthesis, optical properties and solvent-dependent assembly. <i>Polymer Chemistry</i> , 2014 , 5, 3352-3362	4.9	18
33	Synthesis of TiO ₂ -poly(3-hexylthiophene) hybrid particles through surface-initiated Kumada catalyst-transfer polycondensation. <i>Langmuir</i> , 2014 , 30, 11340-7	4	19
32	Unexpected drastic decrease in the excited-state electronic communication between porphyrin chromophores covalently linked by a palladium(II) bridge. <i>Chemistry - A European Journal</i> , 2014 , 20, 12988-3001	4.8	18
31	Chirality in DNA-conjugated polymer supramolecular structures: insights into the self-assembly. <i>Chemical Communications</i> , 2013 , 49, 5483-5	5.8	40
30	Reinvestigation of the Pd-catalyzed bis(silylation) of alkynes with 1,1,2,2-tetramethyl-1,2-bis(phenylthiomethyl)disilane: Unexpected formation of the eight-membered siloxane-helate complex cis-[PdCl ₂ {(PhSCH ₂ SiMe ₂) ₂ O}]. <i>Journal of Organometallic Chemistry</i> , 2013 , 784, 242-250	2.3	9
29	Syntheses, Crystal Structures, and Magnetic Properties of Mn(III)(L)phosphinate Complexes (L = meso-tetraphenylporphyrin or Schiff base). <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 3206-3216	2.3	13
28	Porphyrins fused to N-heterocyclic carbenes (NHCs): modulation of the electronic and catalytic properties of NHCs by the central metal of the porphyrin. <i>Chemistry - A European Journal</i> , 2013 , 19, 15652-60	4.8	27
27	Cancer therapy improvement with mesoporous silica nanoparticles combining targeting, drug delivery and PDT. <i>International Journal of Pharmaceutics</i> , 2012 , 423, 509-15	6.5	137
26	Multifunctionalized mesoporous silica nanoparticles for the in vitro treatment of retinoblastoma: Drug delivery, one and two-photon photodynamic therapy. <i>International Journal of Pharmaceutics</i> , 2012 , 432, 99-104	6.5	59
25	Synthesis of stable free base secochlorins and their corresponding metal complexes from meso-tetraarylporphyrin derivatives. <i>Chemical Communications</i> , 2012 , 48, 3460-2	5.8	12
24	Synthesis, crystallographic and electrochemical study of ethynyl[2.2]paracyclophane-derived cobalt metallatetrahedranes. <i>Journal of Organometallic Chemistry</i> , 2012 , 699, 56-66	2.3	4

23	Synthesis of extended porphyrins by connection of meso-aryl groups with β -pyrrolic positions. <i>Journal of Porphyrins and Phthalocyanines</i> , 2012 , 16, 464-478	1.8	49
22	Synthesis and characterization of carboxystyryl end-functionalized poly(3-hexylthiophene)/TiO ₂ hybrids in view of photovoltaic applications. <i>Synthetic Metals</i> , 2012 , 162, 1615-1622	3.6	20
21	Stepwise fusion of porphyrin β -pyrrolic positions to imidazole rings. <i>Organic Letters</i> , 2011 , 13, 3110-3	6.2	25
20	N-heterocyclic carbene (NHC) ligands annulated to free-base porphyrins: modulation of the electronic properties of the NHC upon protonation or metallation of the porphyrin. <i>Chemical Communications</i> , 2011 , 47, 2976-8	5.8	31
19	Nanoparticles for Photodynamic Therapy Applications. <i>Fundamental Biomedical Technologies</i> , 2011 , 511-565		6
18	14 Peripherally Metalated Porphyrin Derivatives: Synthetic Approaches and Properties. <i>Handbook of Porphyrin Science</i> , 2010 , 429-483	0.3	1
17	Silica-based nanoparticles for photodynamic therapy applications. <i>Nanoscale</i> , 2010 , 2, 1083-95	7.7	221
16	Silicalites and Mesoporous Silica Nanoparticles for photodynamic therapy. <i>International Journal of Pharmaceutics</i> , 2010 , 402, 221-30	6.5	76
15	Synthesis, Characterization, and Electronic Properties of Metalloporphyrins Annulated to Exocyclic Imidazole and Imidazolium Rings. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 1912-1920	3.2	57
14	Mannose-targeted mesoporous silica nanoparticles for photodynamic therapy. <i>Chemical Communications</i> , 2009 , 1475-7	5.8	200
13	The canted antiferromagnetic approach to single-chain magnets. <i>Journal of the American Chemical Society</i> , 2008 , 130, 1619-27	16.4	175
12	Synthesis, structural characterization, and electrochemical studies of nickel porphyrins bearing two peripheral conjugated chelating groups. <i>Inorganic Chemistry</i> , 2007 , 46, 10241-51	5.1	25
11	Synthesis and structural characterisation of the first N-heterocyclic carbene ligand fused to a porphyrin. <i>Chemical Communications</i> , 2007 , 2148-50	5.8	61
10	Synthesis, structural characterization, and properties of aluminum (III) meso-tetraphenylporphyrin complexes axially bonded to phosphinate anions. <i>Inorganic Chemistry</i> , 2006 , 45, 10049-51	5.1	19
9	Meso-aryl- β -pyrrolic positions interactions in meso-tetraarylporphyrins: Flat arylporphyrins and building blocks for oligoporphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2004 , 08, 111-119	1.8	16
8	Catalysis by a synthetic receptor sealed at one end and functionalized at the other. <i>Journal of the American Chemical Society</i> , 2004 , 126, 16280-1	16.4	88
7	Synthesis of new porphyrins with peripheral conjugated chelates and their use for the preparation of porphyrin dimers linked by metal ions. <i>Inorganic Chemistry</i> , 2004 , 43, 251-63	5.1	67
6	Preparation of six isomeric bis-acylporphyrins with chromophores reaching the near-infrared via intramolecular Friedel-Crafts reaction. <i>Journal of Organic Chemistry</i> , 2003 , 68, 9200-8	4.2	44

5	Colorful Friedel-Crafts chemistry of meso-tetraarylporphyrins. An unexpected route to porphyrinic spiro dimers. <i>Organic Letters</i> , 2003 , 5, 1487-9	6.2	17
4	Syntheses and optical and electrochemical properties of porphyrin dimers linked by metal ions. <i>Journal of the American Chemical Society</i> , 2002 , 124, 6168-79	16.4	116
3	Preparation, mass spectrometry and electrochemical studies of metal connected porphyrin oligomers. <i>Journal of Porphyrins and Phthalocyanines</i> , 2002 , 06, 423-430	1.8	16
2	Reactivity of oxonaphthoporphyrins. Efficient functionalization of the porphyrin ring on reaction with nitrogen or carbon nucleophiles. <i>Tetrahedron Letters</i> , 2001 , 42, 2103-2106	2	30
1	Porphyrins acting as external and internal ligands: preparation of conjugated trimetallic dimeric porphyrins. <i>Chemical Communications</i> , 2001 , 91-92	5.8	39