

Simon Pascal

List of Publications by Year in descending order

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52
papers

1,299
citations

377584

21
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406436

35
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all docs

54
docs citations

54
times ranked

1817
citing authors

#	ARTICLE	IF	CITATIONS
1	NIR-to-NIR two-photon bio-imaging using very bright tailored amino-heptamethines dyes. <i>Dyes and Pigments</i> , 2022, 203, 110369.	2.0	6
2	Stabilization of a 12- π electrons diamino-benzoquinonediimine tautomer. <i>Chemical Communications</i> , 2021, 57, 548-551.	2.2	4
3	1D Coordination π -Conjugated Polymers with Distinct Structures Defined by the Choice of the Transition Metal: Towards a New Class of Antiaromatic Macrocycles. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 439-445.	7.2	23
4	1D Coordination π -Conjugated Polymers with Distinct Structures Defined by the Choice of the Transition Metal: Towards a New Class of Antiaromatic Macrocycles. <i>Angewandte Chemie</i> , 2021, 133, 443-449.	1.6	0
5	Azacalixphyrins as an innovative alternative for the free-radical photopolymerization under visible and NIR irradiation without the need of co-initiators. <i>Chemical Communications</i> , 2021, 57, 8973-8976.	2.2	3
6	The Quinonoid Zwitterion Interlayer for the Improvement of Charge Carrier Mobility in Organic Field-Effect Transistors. <i>Polymers</i> , 2021, 13, 1567.	2.0	4
7	Significance Of Nuclear Quantum Effects In Hydrogen Bonded Molecular Chains. <i>ACS Nano</i> , 2021, 15, 10357-10365.	7.3	11
8	Modified Indulines: From Dyestuffs to <i>In Vivo</i> Theranostic Agents. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 30337-30349.	4.0	2
9	Functionalized porphyrins from meso-poly-halogeno-alkyl-dipyrromethanes: synthesis and characterization. <i>Comptes Rendus Chimie</i> , 2021, 24, 27-45.	0.2	1
10	Reversible pH-Controlled Catenation of a Benzobisimidazole-Based Tetranuclear Rectangle. <i>Chemistry - A European Journal</i> , 2021, 27, 15922-15927.	1.7	9
11	Near-infrared dyes for two-photon absorption in the short-wavelength infrared: strategies towards optical power limiting. <i>Chemical Society Reviews</i> , 2021, 50, 6613-6658.	18.7	94
12	Merging polyacenes and cationic helicenes: from weak to intense chiroptical properties in the far red region. <i>Chemical Science</i> , 2020, 11, 1165-1169.	3.7	28
13	Fused bis-azacalixphyrin that reaches NIR-II absorptions. <i>Chemical Communications</i> , 2020, 56, 896-899.	2.2	10
14	Mixed <i>N</i> -aryl/alkyl substitution favours an unusual tautomer of near-infrared absorbing azacalixphyrins. <i>New Journal of Chemistry</i> , 2020, 44, 18130-18137.	1.4	3
15	Impact of Ion-Pairing Effects on Linear and Nonlinear Photophysical Properties of Polymethine Dyes**. <i>ChemPhysChem</i> , 2020, 21, 2536-2542.	1.0	14
16	Near-infrared electrochemiluminescence in water through regioselective sulfonation of diaza [4] and [6]helicene dyes. <i>Chemical Communications</i> , 2020, 56, 9771-9774.	2.2	11
17	Synthesis, Resolution, Configurational Stability, and Properties of Cationic Functionalized [5]Helicenes. <i>Journal of Organic Chemistry</i> , 2020, 85, 11908-11923.	1.7	11
18	Small Panchromatic and NIR Absorbers from Quinoid Zwitterions. <i>Organic Letters</i> , 2020, 22, 7997-8001.	2.4	6

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19	Versatile transamination in quinonediimine chemistry: Towards a novel class of water soluble UV/violet chromophores. <i>Tetrahedron Letters</i> , 2019, 60, 151024.	0.7	4
20	Unraveling the Two-Photon and Excited-State Absorptions of Aza-BODIPY Dyes for Optical Power Limiting in the SWIR Band. <i>Journal of Physical Chemistry C</i> , 2019, 123, 23661-23673.	1.5	37
21	Synthesis of the New Cyanine-Labeled Bacterial Lipooligosaccharides for Intracellular Imaging and in Vitro Microscopy Studies. <i>Bioconjugate Chemistry</i> , 2019, 30, 1649-1657.	1.8	13
22	First principles investigation of the spectral properties of neutral, zwitterionic, and bis-cationic azaacenes. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 22910-22918.	1.3	6
23	Azacalixquinarenes: From Canonical to (Poly-)Zwitterionic Macrocycles. <i>Journal of Organic Chemistry</i> , 2019, 84, 1387-1397.	1.7	14
24	C ⁺ -Functionalized Cationic Diazoaxatriangulenes: Late-Stage Synthesis and Tuning of Physicochemical Properties. <i>Chemistry - A European Journal</i> , 2018, 24, 10186-10195.	1.7	18
25	Design of Near-Infrared-Absorbing Unsymmetrical Polymethine Dyes with Large Quadratic Hyperpolarizabilities. <i>Chemistry of Materials</i> , 2018, 30, 3410-3418.	3.2	35
26	Excimer-Based On-Off Bis(pyreneamide) Macrocyclic Chemosensors. <i>Helvetica Chimica Acta</i> , 2018, 101, e1700265.	1.0	18
27	Specific labeling of mitochondria of <i>Chlamydomonas</i> with cationic helicene fluorophores. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 919-923.	1.5	28
28	Azacalixphyrins as NIR photoacoustic contrast agents. <i>Chemical Communications</i> , 2018, 54, 12365-12368.	2.2	14
29	Controlling the canonical/zwitterionic balance through intramolecular proton transfer: a strategy for vapochromism. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1618-1625.	3.2	15
30	Combined reversible switching of ECD and quenching of CPL with chiral fluorescent macrocycles. <i>Chemical Science</i> , 2018, 9, 7043-7052.	3.7	111
31	Central substitution of azacalixphyrins: a strategy towards acidochromic NIR dyes. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 20056-20069.	1.3	4
32	Efficient Annihilation Electrochemiluminescence of Cationic Helicene Luminophores. <i>ChemElectroChem</i> , 2017, 4, 1750-1756.	1.7	19
33	[4]Helicene-Squalene Fluorescent Nanoassemblies for Specific Targeting of Mitochondria in Live-Cell Imaging. <i>Advanced Functional Materials</i> , 2017, 27, 1701839.	7.8	32
34	Enantiospecific Elongation of Cationic Helicenes by Electrophilic Functionalization at Terminal Ends. <i>Chemistry - A European Journal</i> , 2017, 23, 13596-13601.	1.7	27
35	Benzoquinonediimine ligands: Synthesis, coordination chemistry and properties. <i>Coordination Chemistry Reviews</i> , 2017, 350, 178-195.	9.5	32
36	Keto-polymethines: a versatile class of dyes with outstanding spectroscopic properties for in cellulose and in vivo two-photon microscopy imaging. <i>Chemical Science</i> , 2017, 8, 381-394.	3.7	43

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37	NIR Electrofluorochromic Properties of Aza-Boron-dipyrromethene Dyes. <i>Scientific Reports</i> , 2016, 6, 18867.	1.6	27
38	Functionalized cationic [4]helicenes with unique tuning of absorption, fluorescence and chiroptical properties up to the far-red range. <i>Chemical Science</i> , 2016, 7, 4685-4693.	3.7	96
39	Zwitterionic [4]helicene: a water-soluble and reversible pH-triggered ECD/CPL chiroptical switch in the UV and red spectral regions. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 4590-4594.	1.5	67
40	Physicochemical and Electronic Properties of Cationic [6]Helicenes: from Chemical and Electrochemical Stabilities to Far-Red (Polarized) Luminescence. <i>Chemistry - A European Journal</i> , 2016, 22, 18394-18403.	1.7	52
41	Physicochemical and Electronic Properties of Cationic [6]Helicenes: from Chemical and Electrochemical Stabilities to Far-Red (Polarized) Luminescence. <i>Chemistry - A European Journal</i> , 2016, 22, 18273-18273.	1.7	1
42	Synthesis, Electrochemistry, and Photophysics of Aza-BODIPY Porphyrin Dyes. <i>Chemistry - A European Journal</i> , 2016, 22, 4971-4979.	1.7	25
43	Synthesis and electronic properties of polycyclic aromatic hydrocarbons doped with phosphorus and sulfur. <i>Dalton Transactions</i> , 2016, 45, 1896-1903.	1.6	24
44	Bis-triazolyl BODIPYs: a simple dye with strong red-light emission. <i>RSC Advances</i> , 2015, 5, 76342-76345.	1.7	10
45	On the versatility of electronic structures in polymethine dyes. , 2014, , .		1
46	NIR electrochemical fluorescence switching from polymethine dyes. <i>Chemical Science</i> , 2014, 5, 1538-1544.	3.7	42
47	Millisecond lifetime imaging with a europium complex using a commercial confocal microscope under one or two-photon excitation. <i>Chemical Science</i> , 2014, 5, 3475-3485.	3.7	82
48	1,2-Dihydrophosphete: A Platform for the Molecular Engineering of Electroluminescent Phosphorus Materials for Light-Emitting Devices. <i>Chemistry - A European Journal</i> , 2014, 20, 9784-9793.	1.7	20
49	Expanding the Polymethine Paradigm: Evidence for the Contribution of a Bis-Dipolar Electronic Structure. <i>Journal of Physical Chemistry A</i> , 2014, 118, 4038-4047.	1.1	91
50	Symmetry loss of heptamethine cyanines: an example of dipole generation by ion-pairing effect. , 2013, , .		1
51	Synthesis of a Square-Planar Rhodium Alkylidene N-Heterocyclic Carbene Complex and Its Reactivity Toward Alkenes. <i>Organometallics</i> , 2011, 30, 5208-5213.	1.1	24
52	Preparation of chiral ruthenium(IV) complexes and applications in regio- and enantioselective allylation of phenols. <i>Dalton Transactions</i> , 2011, 40, 5625.	1.6	25