

Olivier Jeannin

List of Publications by Year in descending order

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70
papers

2,194
citations

172457

29
h-index

233421

45
g-index

72
all docs

72
docs citations

72
times ranked

1819
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>ortho</i>, <i>meta</i>, and <i>para</i>-Dihydroindenofluorene Derivatives as Host Materials for Phosphorescent OLEDs. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1176-1180.	13.8	129
2	A Single-Component Molecular Metal Based on a Thiazole Dithiolate Gold Complex. <i>Journal of the American Chemical Society</i> , 2009, 131, 16961-16967.	13.7	102
3	C1-Linked Spirobifluorene Dimers: Pure Hydrocarbon Hosts for High-Performance Blue Phosphorescent OLEDs. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3848-3853.	13.8	95
4	Dependence of the Properties of Dihydroindenofluorene Derivatives on Positional Isomerism: Influence of the Ring Bridging. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 14147-14151.	13.8	90
5	Spirobifluorene Regioisomerism: A Structure-Property Relationship Study. <i>Chemistry - A European Journal</i> , 2017, 23, 7719-7727.	3.3	85
6	Molecular Upconversion in Water in Heteropolynuclear Supramolecular Tb/Yb Assemblies. <i>Journal of the American Chemical Society</i> , 2019, 141, 1568-1576.	13.7	80
7	Anisotropic Chemical Pressure Effects in Single-Component Molecular Metals Based on Radical Dithiolene and Diselenolene Gold Complexes. <i>Journal of the American Chemical Society</i> , 2012, 134, 17138-17148.	13.7	73
8	Charge-Assisted Halogen Bonding: Donor-Acceptor Complexes with Variable Ionicity. <i>Chemistry - A European Journal</i> , 2013, 19, 14804-14813.	3.3	67
9	Incorporation of Spiroxanthene Units in Blue-Emitting Oligophenylene Frameworks: A New Molecular Design for OLED Applications. <i>Chemistry - A European Journal</i> , 2011, 17, 12631-12645.	3.3	65
10	Violet-to-Blue Tunable Emission of Aryl-Substituted Dispirofluorene-Indenofluorene Isomers by Conformationally Controllable Intramolecular Excimer Formation. <i>Chemistry - A European Journal</i> , 2011, 17, 10272-10287.	3.3	65
11	4-Pyridyl-9,9'-spirobifluorenes as Host Materials for Green and Sky-Blue Phosphorescent OLEDs. <i>Journal of Physical Chemistry C</i> , 2015, 119, 5790-5805.	3.1	59
12	Organic selenocyanates as strong and directional chalcogen bond donors for crystal engineering. <i>Chemical Communications</i> , 2017, 53, 8467-8469.	4.1	59
13	Donor/Acceptor Dihydroindeno[1,2-a]fluorene and Dihydroindeno[2,1-b]fluorene: Towards New Families of Organic Semiconductors. <i>Chemistry - A European Journal</i> , 2015, 21, 9426-9439.	3.3	53
14	(2,1-a)-Indenofluorene Derivatives: Syntheses, X-ray Structures, Optical and Electrochemical Properties. <i>Chemistry - A European Journal</i> , 2010, 16, 13646-13658.	3.3	52
15	Tuning the Optical Properties of Aryl-Substituted Dispirofluorene-Indenofluorene Isomers through Intramolecular Excimer Formation. <i>Organic Letters</i> , 2009, 11, 4794-4797.	4.6	50
16	Modulation of the Physicochemical Properties of Donor-Spiro-Acceptor Derivatives through Donor Unit Planarisation: Phenylacridine versus Indoloacridine-New Hosts for Green and Blue Phosphorescent Organic Light-Emitting Diodes (PhOLEDs). <i>Chemistry - A European Journal</i> , 2016, 22, 10136-10149.	3.3	49
17	A robust pure hydrocarbon derivative based on the (2,1-b)-indenofluorenyl core with high triplet energy level. <i>Chemical Communications</i> , 2011, 47, 11703.	4.1	48
18	9-H-Quinolino[3,2,1-k]phenothiazine: A New Electron-Rich Fragment for Organic Electronics. <i>Chemistry - A European Journal</i> , 2016, 22, 17930-17935.	3.3	46

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19	2-Substituted vs 4-substituted-9,9-dimethylspirobifluorene host materials for green and blue phosphorescent OLEDs: a structure-property relationship study. <i>Tetrahedron</i> , 2014, 70, 6337-6351.	1.9	43
20	Between Ni(mnt) ₂ and Ni(tfd) ₂ Dithiolene Complexes: The Unsymmetrical 2-(Trifluoromethyl)acrylonitrile-1,2-dithiolate and Its Nickel Complexes. <i>Inorganic Chemistry</i> , 2005, 44, 9763-9770.	4.0	42
21	1-Carbazolyl Spirobifluorene: Synthesis, Structural, Electrochemical, and Photophysical Properties. <i>Journal of Physical Chemistry C</i> , 2019, 123, 19094-19104.	3.1	40
22	Thioxanthene and dioxothioxanthene dihydroindeno[2,1-b]fluorenes: synthesis, properties and applications in green and sky blue phosphorescent OLEDs. <i>Journal of Materials Chemistry C</i> , 2016, 4, 1692-1703.	5.5	38
23	Combining halogen bonding and chirality in a two-dimensional organic metal (EDT-TTF-I ₂) ₂ (D-camphorsulfonate)·H ₂ O. <i>Chemical Communications</i> , 2010, 46, 3926.	4.1	37
24	Energy Transfer in Supramolecular Heteronuclear Lanthanide Dimers and Application to Fluoride Sensing in Water. <i>Chemistry - A European Journal</i> , 2018, 24, 3784-3792.	3.3	37
25	Radical or Not Radical: Compared Structures of Metal (M = Ni, Au) Bis-Dithiolene Complexes with a Thiazole Backbone. <i>Inorganic Chemistry</i> , 2014, 53, 8681-8690.	4.0	35
26	Chalcogen bonding interactions in organic selenocyanates: from cooperativity to chelation. <i>New Journal of Chemistry</i> , 2018, 42, 10502-10509.	2.8	34
27	Organic Selenocyanates as Halide Receptors: From Chelation to One-Dimensional Systems. <i>Crystal Growth and Design</i> , 2019, 19, 1418-1425.	3.0	34
28	[4]Cyclohexyl-2,7-dimethylcarbazole: Synthesis, Structural, Electronic and Charge Transport Properties. <i>Chemistry - A European Journal</i> , 2019, 25, 7740-7748.	3.3	32
29	A Single-Component Conductor Based on a Radical Gold Dithiolene Complex with Alkyl-Substituted Thiophene-2,3-dithiolate Ligand. <i>Inorganic Chemistry</i> , 2015, 54, 9908-9913.	4.0	31
30	[4]Cyclofluorene: Unexpected Influence of Alkyl Chain Length. <i>ChemPlusChem</i> , 2018, 83, 874-880.	2.8	28
31	Strong Iodine-Oxygen Interactions in Molecular Conductors Incorporating Sulfonate Anions. <i>Crystal Growth and Design</i> , 2011, 11, 5337-5345.	3.0	26
32	Toward chiral conductors: combining halogen bonding ability and chirality within a single tetrathiafulvalene molecule. <i>CrystEngComm</i> , 2013, 15, 4408.	2.6	24
33	Phase diagram of the correlated quarter-filled-band organic salt series (o-DMTTF) ₂ X(X = Cl, Br, I). <i>Physical Review B</i> , 2011, 84, .	3.2	22
34	Single-Component Conductors: A Sturdy Electronic Structure Generated by Bulky Substituents. <i>Inorganic Chemistry</i> , 2016, 55, 6036-6046.	4.0	22
35	C1-Linked Spirobifluorene Dimers: Pure Hydrocarbon Hosts for High-Performance Blue Phosphorescent OLEDs. <i>Angewandte Chemie</i> , 2019, 131, 3888-3893.	2.0	22
36	[Cyclohexyl]n-9,9-dimethylfluorene (n = 4, 5): Nanoring Size Influence in Carbon-Bridged Cyclohexylphenylenes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11066-11072.	13.8	22

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37	Activating Chalcogen Bonding (ChB) in Alkylseleno/Alkyltelluroacetylenes toward Chalcogen Bonding Directionality Control. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23583-23587.	13.8	20
38	Strong π -Hole Activation on Icosahedral Carborane Derivatives for a Directional Halide Recognition. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 366-370.	13.8	20
39	[4]Cyclo-N-alkyl-2,7-carbazoles: Influence of the Alkyl Chain Length on the Structural, Electronic, and Charge Transport Properties. <i>Journal of the American Chemical Society</i> , 2021, 143, 8804-8820.	13.7	19
40	Subtle Steric Differences Impact the Structural and Conducting Properties of Radical Gold Bis(dithiolene) Complexes. <i>Chemistry - A European Journal</i> , 2017, 23, 16004-16013.	3.3	18
41	Modulating the Physical and Electronic Properties over Positional Isomerism: The Dispirofluorene-Dihydroindacenodithiophene (DSF-DT) Family. <i>Chemistry - A European Journal</i> , 2017, 23, 17290-17303.	3.3	17
42	Halogen bonded metal bis(dithiolene) 2D frameworks. <i>CrystEngComm</i> , 2020, 22, 3579-3587.	2.6	17
43	Supramolecular rectangles through directional chalcogen bonding. <i>Chemical Communications</i> , 2021, 57, 4560-4563.	4.1	16
44	N-Cyanoimine as an electron-withdrawing functional group for organic semiconductors: example of dihydroindacenodithiophene positional isomers. <i>Journal of Materials Chemistry C</i> , 2018, 6, 13197-13210.	5.5	14
45	Co-crystals of an organic triselenocyanate with ditopic Lewis bases: recurrent chalcogen bond interactions motifs. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2019, 75, 34-38.	1.1	14
46	Chalcogen bonding interactions in chelating, chiral bis(selenocyanates). <i>New Journal of Chemistry</i> , 2021, 45, 76-84.	2.8	13
47	Correlation between Metal-Insulator Transition and Hydrogen-Bonding Network in the Organic Metal β -(BEDT-TTF) ₄ [2,6-Anthracene-bis(sulfonate)] \cdot (H ₂ O) ₄ . <i>Crystal Growth and Design</i> , 2013, 13, 5135-5145.	3.0	12
48	Syntheses, Crystal Structures, Transport Properties and First-Principles Electronic Structure Study of the (tTTF) ₂ X (X = Br, I) Low-Dimensional Antiferromagnets. <i>Inorganic Chemistry</i> , 2011, 50, 4171-4181.	4.0	11
49	Single-component conductors based on closed-shell Ni and Pt bis(dithiolene) complexes: metallization under high pressure. <i>Journal of Materials Chemistry C</i> , 2020, 8, 11581-11592.	5.5	11
50	Understanding Reactivity and Assembly of Dichalcogenides: Structural, Electrostatic Potential, and Topological Analyses of 3-H-1,2-Benzodithiol-3-one and Selenium Analogs. <i>Crystal Growth and Design</i> , 2020, 20, 7704-7725.	3.0	11
51	Activating Chalcogen Bonding (ChB) in Alkylseleno/Alkyltelluroacetylenes toward Chalcogen Bonding Directionality Control. <i>Angewandte Chemie</i> , 2020, 132, 23789-23793.	2.0	10
52	Topochemical Polymerization of a Diacetylene in a Chalcogen-Bonded (ChB) Assembly. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	9
53	Correlating conduction properties with the molecular symmetry: segregation of Z and E isomers in the charge-assisted, halogen-bonded cocrystal [(Z,E)-Me ₂ I ₂ TTF] ₂ Br. <i>Chemical Communications</i> , 2016, 52, 308-311.	4.1	8
54	Chalcogen Bonding in Co-Crystals: Activation through 1,4-Perfluorophenylene vs. 4,4'-Perfluorobiphenylene Cores. <i>Molecules</i> , 2021, 26, 4050.	3.8	8

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55	Structural properties of solid solutions of the non-dimerized, 3/4-filled conductors (o-DMTTF) ₂ X (X = Cl, Br, I). <i>Physica Status Solidi (B): Basic Research</i> , 2012, 249, 943-946.	1.5	6
56	Coherent spin dynamics of solitons in the organic spin chain compounds $\langle \mathbf{S}_i \cdot \mathbf{S}_{i+1} \rangle$. <i>Physical Review B</i> , 2019, 100, .	3.2	6
57	Ionic Self-Assembly and Red-Phosphorescence Properties of a Charged Platinum(II) 8-Quinololinol Complex Associated with Ammonium-Based Amphiphiles. <i>Chemistry - A European Journal</i> , 2015, 21, 19149-19158.	3.3	5
58	From Mono- to Polynuclear Coordination Complexes with a 2,2'-Bipyrimidine-4,4'-dicarboxylate Ligand. <i>Inorganic Chemistry</i> , 2021, 60, 8304-8314.	4.0	5
59	Temperature-Induced Neutral-Ionic Phase Transition in the (EDT-TTF-I) ₂ TCNQF Mixed-Stack Charge-Transfer Salt. <i>Journal of Physical Chemistry C</i> , 2016, 120, 23740-23747.	3.1	4
60	Activating both Halogen and Chalcogen Bonding Interactions in Cation Radical Salts of Iodinated Tetrathiafulvalene Derivatives. <i>ChemPlusChem</i> , 2020, 85, 2136-2142.	2.8	4
61	Pressure-Induced Neutral-Ionic Phase Transition in the Mixed-Stack 2:1 Charge-Transfer Complex (EDT-TTF-I) ₂ TCNQF. <i>Journal of Physical Chemistry C</i> , 2020, 124, 5552-5558.	3.1	4
62	Strong π -Hole Activation on Icosahedral Carborane Derivatives for a Directional Halide Recognition. <i>Angewandte Chemie</i> , 2021, 133, 370-374.	2.0	4
63	A radical mixed-ligand gold bis(dithiolene) complex. <i>Chemical Communications</i> , 2021, 57, 1615-1618.	4.1	4
64	Introducing Selenium in Single-Component Molecular Conductors Based on Nickel Bis(dithiolene) Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 7876-7886.	4.0	4
65	Electron-spin interaction in the spin-Peierls phase of the organic spin chain (Tj ETQq1 1 0.784314 rgBT / Overlock 10 Tf 50). <i>Physical Review B</i> , 2022, 105, .	3.2	4
66	Conformational behavior, redox and spectroscopic properties of gold dithiolene complexes: [Au(iPr-thiazYdt) ₂] ⁺ (Y = O, S, Se). <i>Inorganica Chimica Acta</i> , 2018, 469, 255-263.	2.4	3
67	Mixed valence trimers in cation radical salts of TMTTF with the planar bis(6-sulfo-8-quinolato) platinum complex [Pt(qS) ₂] ⁺ . <i>New Journal of Chemistry</i> , 2020, 44, 15538-15548.	2.8	3
68	Electron Spin Resonance of Defects in Spin Chains $\langle \mathbf{S}_i \cdot \mathbf{S}_{i+1} \rangle$: A Versatile System Behaving Like Molecular Magnet. <i>Applied Magnetic Resonance</i> , 2020, 51, 1307-1320.	1.2	3
69	(Pressure, temperature) phase diagram of the quasi-1D 3/4 filled organic salt (o-DMTTF) ₂ Br. <i>Physica B: Condensed Matter</i> , 2012, 407, 1700-1703.	2.7	2
70	Topochemical polymerization of a diacetylene in a chalcogen-bonded (ChB) assembly. <i>Angewandte Chemie</i> , 0, , .	2.0	2