

# Sylvain Duval

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

386  
citations

687220

13  
h-index

794469

19  
g-index

27  
all docs

27  
docs citations

27  
times ranked

301  
citing authors

#	ARTICLE	IF	CITATIONS
1	5,12-Dihydroindolo[3,2-a]carbazole: A promising scaffold for the design of visible light photoinitiators of polymerization. <i>European Polymer Journal</i> , 2022, 162, 110880.	2.6	28
2	Capture of Gaseous Iodine in Isoreticular Zirconium-Based UiO Metal-Organic Frameworks: Influence of Amino Functionalization, DFT Calculations, Raman and EPR Spectroscopic Investigation. <i>Chemistry - A European Journal</i> , 2022, 28, e202104437.	1.7	23
3	Microwave-Assisted Synthesis of Porous Composites MOF@Textile for the Protection against Chemical and Nuclear Hazards. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 21497-21508.	4.0	28
4	Synthesis, and the optical and electrochemical properties of a series of push-pull dyes based on the 4-(9-ethyl-9H-carbazol-3-yl)-4-phenylbuta-1,3-dienyl donor. <i>New Journal of Chemistry</i> , 2021, 45, 5808-5821.	1.4	6
5	Synthesis, optical and electrochemical properties of a series of push-pull dyes based on the 4,4-bis(4-methoxy phenyl)butadienyl donor. <i>Dyes and Pigments</i> , 2021, 194, 109552.	2.0	4
6	Influence of pH on CeIV-[AsIIIW9O33]9- association for the formation of hexanuclear cerium(iv) oxo-hydroxo-clusters stabilized by trivacant polyanions. <i>CrystEngComm</i> , 2020, 22, 371-380.	1.3	6
7	New push-pull dyes based on 2-(3-oxo-2,3-dihydro-1H-cyclopenta[b]naphthalen-1-ylidene)malononitrile: An amine-directed synthesis. <i>Dyes and Pigments</i> , 2020, 175, 108182.	2.0	16
8	Synthesis and Structural Characterization of Lanthanide-Containing Polytungstoantimonate [Sb <sub>3</sub> ( $\mu$ ) <sub>2</sub> ETQqO <sub>10</sub> ]/Overloc <i>Chemistry</i> , 2020, 2020, 3837-3845.	1.0	2
9	Quantitative Precipitation of Uranyl or Plutonyl Nitrate with N-(1-Adamantyl)acetamide in Nitric Acid Aqueous Solution. <i>Inorganic Chemistry</i> , 2020, 59, 11459-11468.	1.9	4
10	New Donor-Acceptor Stenhouse Adducts as Visible and Near Infrared Light Polymerization Photoinitiators. <i>Molecules</i> , 2020, 25, 2317.	1.7	20
11	Trends and new directions in the crystal chemistry of actinide oxo-clusters incorporated in polyoxometalates. <i>CrystEngComm</i> , 2020, 22, 3549-3562.	1.3	14
12	Influence of Light and Temperature on the Extractability of Cerium(IV) as a Surrogate of Plutonium(IV) and its Effect on the Simulation of an Accidental Fire in the PUREX Process. <i>ACS Omega</i> , 2019, 4, 12896-12904.	1.6	9
13	Unprecedented Nucleophilic Attack of Piperidine on the Electron Acceptor during the Synthesis of Push-Pull Dyes by a Knoevenagel Reaction. <i>Helvetica Chimica Acta</i> , 2019, 102, e1900229.	1.0	21
14	Crystal Chemistry and SAXS Studies of an Octahedral Polyoxoarsenotungstate Nanocluster Encapsulating Four Unprecedented Thorium Arsenate Fragments (Th <sub>3</sub> As <sub>2</sub> O <sub>n</sub> ) <sup>n = 25 or 26</sup> . <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4487-4487.	1.0	0
15	Crystal Chemistry and SAXS Studies of an Octahedral Polyoxoarsenotungstate Nanocluster Encapsulating Four Unprecedented Thorium Arsenate Fragments (Th <sub>3</sub> As <sub>2</sub> O <sub>n</sub> ) <sup>n = 25 or 26</sup> . <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4500-4505.	1.0	5
16	Time-controlled synthesis of the 3D coordination polymer U(1,2,3-Hbtc) <sub>2</sub> followed by the formation of molecular poly-oxo cluster {U <sub>14</sub> } containing hemimellitate uranium(iv). <i>RSC Advances</i> , 2019, 9, 22795-22804.	1.7	13
17	Uranyl Cation Incorporation in the [P <sub>8</sub> W <sub>48</sub> O <sub>184</sub> ] <sup>40+</sup> Macrocycle Phosphopolytungstate. <i>Inorganic Chemistry</i> , 2019, 58, 1091-1099.	1.9	16
18	Carbazole-based compounds as photoinitiators for free radical and cationic polymerization upon near visible light illumination. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 578-585.	1.6	51

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19	Bottom-up synthesis of functionalized $\{Ce_4(SiW_9O_{34})_2(l)_2\}$ polyoxometalates. CrystEngComm, 2018, 20, 7144-7155.	1.3	6
20	The Surprising Stability of $Cu_3(btc)_2$ Metal-Organic Framework under Steam Flow at High Temperature. Crystal Growth and Design, 2018, 18, 6681-6693.	1.4	25
21	Complexation of tetravalent uranium cations by the As <sub>4</sub> W <sub>40</sub> O <sub>140</sub> cryptand. CrystEngComm, 2018, 20, 5500-5509.	1.3	8
22	Synthesis of a large dodecameric cerium cluster stabilized by the $[SiW_9O_{34}]_{10}^{10-}$ polyoxometalate. Inorganic Chemistry Communication, 2017, 83, 52-54.	1.8	12
23	Influence of the pH on the Condensation of Tetravalent Cerium Cations in Association with $[±SiW_9O_{34}]_{10}^{10-}$ Leading to the Formation of a $Ce_6O_4(OH)_4$ Core. European Journal of Inorganic Chemistry, 2016, 2016, 5373-5379.	1.0	15
24	$B-[AsW_9O_{33}]_9^{9-}$ polyoxometalates incorporating hexanuclear uranium $\{U_6O_8\}$ -like clusters bearing the $U^{IV}$ form or unprecedented mixed valence $U^{IV}/U^{VI}$ involving direct $U^{VI} \cdots U^{IV}$ bonding. Dalton Transactions, 2015, 44, 19772-19776.	1.6	21
25	Stabilization of Tetravalent 4f (Ce), 5d (Hf), or 5f (Th, U) Clusters by the $[±SiW_9O_{34}]_{10}^{10-}$ Polyoxometalate. Inorganic Chemistry, 2015, 54, 8271-8280.	1.9	33