

Jun-Prof Jens Voskuhl

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6994753/publications.pdf>

Version: 2024-02-01

73
papers

2,083
citations

218381

26
h-index

243296

44
g-index

80
all docs

80
docs citations

80
times ranked

2718
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesogens with aggregation-induced emission properties: Materials with a bright future. <i>Aggregate</i> , 2022, 3, e124.	5.2	37
2	Mapping the Regioisomeric Space and Visible Color Range of Purely Organic Dual Emitters with Ultralong Phosphorescence Components: From Violet to Red Towards Pure White Light. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	28
3	Covalent Attachment of Aggregation-Induced Emission Molecules to the Surface of Ultrasmall Gold Nanoparticles to Enhance Cell Penetration. <i>Molecules</i> , 2022, 27, 1788.	1.7	3
4	Evolution of Artificial Arginine Analogues—Fluorescent Guanidiniocarbonyl-Indoles as Efficient Oxo-Anion Binders. <i>Molecules</i> , 2022, 27, 3005.	1.7	0
5	Total Synthesis of Resveratrone and <i>iso</i> -Resveratrone. <i>ChemistryOpen</i> , 2022, 11, .	0.9	3
6	All in One: Stimuli-Responsive, Efficient Mitotracking, and Single Source White Light Emission. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 1162-1168.	2.1	12
7	Tuning the solid-state emission of liquid crystalline nitro-cyanostilbene by halogen bonding. <i>Beilstein Journal of Organic Chemistry</i> , 2021, 17, 124-131.	1.3	2
8	PEGylated sequence-controlled macromolecules using supramolecular binding to target the Taspase1/Importin β interaction. <i>Chemical Communications</i> , 2021, 57, 3091-3094.	2.2	4
9	Naturally occurring polyphenols as building blocks for supramolecular liquid crystals — substitution pattern dominates mesomorphism. <i>Molecular Systems Design and Engineering</i> , 2021, 6, 390-397.	1.7	5
10	Luminescent Amphiphilic Aminoglycoside Probes to Study Transfection. <i>ChemBioChem</i> , 2021, 22, 1563-1567.	1.3	5
11	Ultraviolet resonance Raman spectroscopy with a continuously tunable picosecond laser: Application to the supramolecular ligand guanidiniocarbonyl pyrrole (GCP). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 250, 119359.	2.0	5
12	Take your Positions and Shine: Effects of Positioning Aggregation-Induced Emission Luminophores within Sequence-Defined Macromolecules. <i>Chemistry - A European Journal</i> , 2021, 27, 10186-10192.	1.7	2
13	Prospects of ultraviolet resonance Raman spectroscopy in supramolecular chemistry on proteins. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 254, 119622.	2.0	6
14	Bridged Aromatic Oxo- and Thioethers with Intense Emission in Solution and the Solid State. <i>Chemistry - an Asian Journal</i> , 2021, 16, 2307-2313.	1.7	14
15	Reversible Self-Assembly of Gold Nanoparticles Based on Co-Functionalization with Zwitterionic and Cationic Binding Motifs**. <i>Chemistry - A European Journal</i> , 2021, 27, 13539-13543.	1.7	3
16	Umbelliferone Decorated Water-soluble Zinc(II) Phthalocyanines — <i>In Vitro</i> Phototoxic Antimicrobial Anti-cancer Agents. <i>Chemistry - A European Journal</i> , 2021, 27, 14672-14680.	1.7	6
17	A Bivalent Supramolecular GCP Ligand Enables Blocking of the Taspase1/Importin β Interaction. <i>ChemMedChem</i> , 2021, 17, e202100640.	1.6	5
18	Photo-switching and -cyclisation of hydrogen bonded liquid crystals based on resveratrol. <i>Chemical Communications</i> , 2020, 56, 1105-1108.	2.2	12

#	ARTICLE	IF	CITATIONS
19	Synthesis and fluorescent properties of diblock terpolymer micelles modified with an aromatic thioether-based AIE fluorophore. <i>Polymer</i> , 2020, 208, 122942.	1.8	5
20	Naphthalonitriles featuring efficient emission in solution and in the solid state. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 2960-2970.	1.3	7
21	Guanidiniocarbonylâ€Pyrroles (GCP) â€“ 20 Years of the Schmuck Binding Motif. <i>ChemPlusChem</i> , 2020, 85, 985-997.	1.3	19
22	Lipofection with estrone-based luminophores featuring aggregation-induced emission properties. <i>RSC Advances</i> , 2020, 10, 19643-19647.	1.7	3
23	Understanding the Role of Chalcogens in Etherâ€Based Luminophores with Aggregationâ€Induced Fluorescence and Phosphorescence. <i>ChemPhotoChem</i> , 2020, 4, 384-384.	1.5	1
24	Supramolecular subphthalocyanine complexesâ€cellular uptake and phototoxicity. <i>Chemical Communications</i> , 2020, 56, 7653-7656.	2.2	9
25	Host-guest complexes â€“ Boosting the performance of photosensitizers. <i>International Journal of Pharmaceutics</i> , 2020, 586, 119595.	2.6	28
26	Understanding the Role of Chalcogens in Etherâ€Based Luminophores with Aggregationâ€Induced Fluorescence and Phosphorescence. <i>ChemPhotoChem</i> , 2020, 4, 398-406.	1.5	11
27	Smart Glycopolymetric Nanoparticles for Multivalent Lectin Binding and Stimuli-Controlled Guest Release. <i>Biomacromolecules</i> , 2020, 21, 2356-2364.	2.6	5
28	UV resonance Raman spectroscopy of the supramolecular ligand guanidiniocarbonyl indole (GCI) with 244 nm laser excitation. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 2911-2919.	1.3	7
29	Mesogens with Aggregation-Induced Emission Formed by Hydrogen Bonding. , 2019, 1, 589-593.		19
30	A stimuli responsive two component supramolecular hydrogelator with aggregation-induced emission properties. <i>Soft Matter</i> , 2019, 15, 7117-7121.	1.2	9
31	Structure and luminescence properties of supramolecular polymers of amphiphilic aromatic thioetherâ€peptide conjugates in water. <i>Polymer Chemistry</i> , 2019, 10, 3163-3169.	1.9	11
32	Structureâ€property relationships in aromatic thioethers featuring aggregation-induced emission: solid-state structures and theoretical analysis. <i>CrystEngComm</i> , 2019, 21, 3097-3105.	1.3	8
33	Covalent Surface Functionalization of Calcium Phosphate Nanoparticles with Fluorescent Dyes by Copperâ€Catalysed and by Strainâ€Promoted Azideâ€Alkyne Click Chemistry. <i>ChemNanoMat</i> , 2019, 5, 436-446.	1.5	19
34	Alkylated Aromatic Thioethers with Aggregationâ€Induced Emission Propertiesâ€Assembly and Photophysics. <i>Chemistry - an Asian Journal</i> , 2019, 14, 814-820.	1.7	12
35	Phosphorescence Through Hindered Motion of Pure Organic Emitters. <i>Chemistry - A European Journal</i> , 2018, 24, 12221-12230.	1.7	60
36	On the Influence of Substitution Patterns in Thioetherâ€Based Luminophores with Aggregationâ€Induced Emission Properties. <i>ChemistrySelect</i> , 2018, 3, 985-991.	0.7	18

#	ARTICLE	IF	CITATIONS
37	Nanosized food additives impact beneficial and pathogenic bacteria in the human gut: a simulated gastrointestinal study. <i>Npj Science of Food</i> , 2018, 2, 22.	2.5	37
38	Frontispiece: Phosphorescence Through Hindered Motion of Pure Organic Emitters. <i>Chemistry - A European Journal</i> , 2018, 24, .	1.7	0
39	Special Issue "Aggregation-Induced Emission. <i>Israel Journal of Chemistry</i> , 2018, 58, 811-812.	1.0	2
40	A dual pH-responsive supramolecular gelator with aggregation-induced emission properties. <i>Soft Matter</i> , 2018, 14, 6166-6170.	1.2	32
41	Molecular Recognition of Spermine using Aggregation-Induced Emission. <i>Israel Journal of Chemistry</i> , 2018, 58, 927-931.	1.0	8
42	Membrane-Fusion Distance Is Critical for Efficient Coiled-Coil-Peptide-Mediated Liposome Fusion. <i>Langmuir</i> , 2017, 33, 12443-12452.	1.6	25
43	Host-Guest Complexes of Cyclodextrins and Nanodiamonds as a Strong Non-Covalent Binding Motif for Self-Assembled Nanomaterials. <i>Chemistry - A European Journal</i> , 2017, 23, 16059-16065.	1.7	45
44	Targeting protein-loaded CB[8]-mediated supramolecular nanocarriers to cells. <i>RSC Advances</i> , 2017, 7, 54341-54346.	1.7	5
45	Aromatic Thioethers as Novel Luminophores with Aggregation-Induced Fluorescence and Phosphorescence. <i>Chemistry - A European Journal</i> , 2017, 23, 13660-13668.	1.7	50
46	Functionalizing the glycocalyx of living cells with supramolecular guest ligands for cucurbit[8]uril-mediated assembly. <i>Chemical Communications</i> , 2016, 52, 7146-7149.	2.2	19
47	Agglutination of bacteria using polyvalent nanoparticles of aggregation-induced emissive thiophthalonitrile dyes. <i>Journal of Materials Chemistry B</i> , 2016, 4, 4732-4738.	2.9	30
48	A non-zipper-like tetrameric coiled coil promotes membrane fusion. <i>RSC Advances</i> , 2016, 6, 7990-7998.	1.7	21
49	Programmed disassembly of supramolecular nanoparticles stabilized by heteroternary CB[8] host-guest interactions. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 331, 146-152.	2.0	2
50	Probing the self-assembly and stability of oligohistidine based rod-like micelles by aggregation induced luminescence. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 5574-5579.	1.5	20
51	Supramolecular surface adhesion mediated by azobenzene polymer brushes. <i>Chemical Communications</i> , 2016, 52, 1964-1966.	2.2	51
52	Photoresponsive Materials: Photoresponsive Cucurbit[8]uril-Mediated Adhesion of Bacteria on Supported Lipid Bilayers (<i>Small</i> 46/2015). <i>Small</i> , 2015, 11, 6186-6186.	5.2	1
53	Photoresponsive Cucurbit[8]uril-Mediated Adhesion of Bacteria on Supported Lipid Bilayers. <i>Small</i> , 2015, 11, 6187-6196.	5.2	42
54	Light-Triggered Capture and Release of DNA and Proteins by Host-Guest Binding and Electrostatic Interaction. <i>Chemistry - A European Journal</i> , 2015, 21, 3271-3277.	1.7	42

#	ARTICLE	IF	CITATIONS
55	Coiled coil driven membrane fusion between cyclodextrin vesicles and liposomes. <i>Soft Matter</i> , 2014, 10, 9746-9751.	1.2	16
56	Dual Stimuli-Responsive Self-Assembled Supramolecular Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3400-3404.	7.2	136
57	Advances in contact printing technologies of carbohydrate, peptide and protein arrays. <i>Current Opinion in Chemical Biology</i> , 2014, 18, 1-7.	2.8	52
58	Controlled liposome fusion mediated by SNARE protein mimics. <i>Biomaterials Science</i> , 2013, 1, 1046.	2.6	46
59	Coiled-coil driven membrane fusion: zipper-like vs. non-zipper-like peptide orientation. <i>Faraday Discussions</i> , 2013, 166, 349.	1.6	17
60	A soft supramolecular carrier with enhanced singlet oxygen photosensitizing properties. <i>Soft Matter</i> , 2013, 9, 2453.	1.2	60
61	Fluorescent Modular Boron Systems Based on NNN- and ONO-Tridentate Ligands: Self-Assembly and Cell Imaging. <i>Journal of Organic Chemistry</i> , 2013, 78, 4410-4418.	1.7	33
62	In Situ Modification of Plain Liposomes with Lipidated Coiled Coil Forming Peptides Induces Membrane Fusion. <i>Journal of the American Chemical Society</i> , 2013, 135, 8057-8062.	6.6	105
63	In Vitro and In Vivo Supramolecular Modification of Biomembranes Using a Lipidated Coiled-Coil Motif. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 14247-14251.	7.2	54
64	Immobilization of Liposomes and Vesicles on Patterned Surfaces by a Peptide Coiled-Coil Binding Motif. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12616-12620.	7.2	26
65	Power struggles between oligopeptides and cyclodextrin vesicles. <i>Soft Matter</i> , 2012, 8, 8770.	1.2	12
66	Nanodiamonds in sugar rings: an experimental and theoretical investigation of cyclodextrin-nanodiamond inclusion complexes. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 4524.	1.5	50
67	Multivalent Interaction of Cyclodextrin Vesicles, Carbohydrate Guests, and Lectins: A Kinetic Investigation. <i>Langmuir</i> , 2011, 27, 1391-1397.	1.6	60
68	Light-Responsive Capture and Release of DNA in a Ternary Supramolecular Complex. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9747-9751.	7.2	164
69	Enhanced Chiral Recognition by Cyclodextrin Dimers. <i>International Journal of Molecular Sciences</i> , 2011, 12, 4637-4646.	1.8	10
70	Sugar-Decorated Sugar Vesicles: Lectin-Carbohydrate Recognition at the Surface of Cyclodextrin Vesicles. <i>Chemistry - A European Journal</i> , 2010, 16, 2790-2796.	1.7	112
71	Molecular Recognition of Vesicles: Host-Guest Interactions Combined with Specific Dimerization of Zwitterions. <i>Chemistry - A European Journal</i> , 2010, 16, 8300-8306.	1.7	48
72	Molecular recognition of bilayer vesicles. <i>Chemical Society Reviews</i> , 2009, 38, 495-505.	18.7	240

#	ARTICLE	IF	CITATIONS
73	Mapping the regioisomeric space and visible color range of purely organic dual emitters with ultralong phosphorescence components: From violet to red towards pure white light. <i>Angewandte Chemie</i> , 0, .	1.6	5