

# Ilse Manet

## List of Publications by Year in descending order

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95  
papers

2,978  
citations

136885

32  
h-index

189801

50  
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102  
all docs

102  
docs citations

102  
times ranked

4620  
citing authors

#	ARTICLE	IF	CITATIONS
1	Scope and limitations of the TEMPO/EPR method for singlet oxygen detection: the misleading role of electron transfer. <i>Free Radical Biology and Medicine</i> , 2014, 77, 64-70.	1.3	187
2	Photosensitized Oxidation of Sulfides: Discriminating between the Singlet-Oxygen Mechanism and Electron Transfer Involving Superoxide Anion or Molecular Oxygen. <i>Chemistry - A European Journal</i> , 2006, 12, 4844-4857.	1.7	139
3	Host-Guest Interactions in Fe(III)-Trimesate MOF Nanoparticles Loaded with Doxorubicin. <i>Journal of Physical Chemistry B</i> , 2014, 118, 8532-8539.	1.2	121
4	Gel-Like Lyomesophases Formed in Organic Solvents by Self-Assembled Guanine Ribbons. <i>Chemistry - A European Journal</i> , 2002, 8, 2143.	1.7	120
5	Lanthanide complexes of encapsulating ligands: Luminescent devices at the molecular level. <i>Pure and Applied Chemistry</i> , 1995, 67, 135-140.	0.9	118
6	Metal-functionalized covalent organic frameworks as precursors of supercapacitive porous N-doped graphene. <i>Journal of Materials Chemistry A</i> , 2017, 5, 4343-4351.	5.2	91
7	Water-Soluble Naphthalene Diimides as Singlet Oxygen Sensitizers. <i>Journal of Organic Chemistry</i> , 2013, 78, 8065-8073.	1.7	84
8	Unravelling molecular mechanisms in the fluorescence spectra of doxorubicin in aqueous solution by femtosecond fluorescence spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 2937.	1.3	81
9	An engineered nanoplatform for bimodal anticancer phototherapy with dual-color fluorescence detection of sensitizers. <i>Chemical Communications</i> , 2013, 49, 4459.	2.2	73
10	Cyclodextrin-based metal-organic frameworks particles as efficient carriers for lansoprazole: Study of morphology and chemical composition of individual particles. <i>International Journal of Pharmaceutics</i> , 2017, 531, 424-432.	2.6	68
11	Citric acid- $\beta$ -cyclodextrin crosslinked oligomers as carriers for doxorubicin delivery. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 1841-1854.	1.6	56
12	Poly(lactic acid) as a transparent matrix for luminescent solar concentrators: a renewable material for a renewable energy technology. <i>Energy and Environmental Science</i> , 2011, 4, 2849.	15.6	54
13	Affinity of the anthracycline antitumor drugs Doxorubicin and Sabarubicin for human telomeric G-quadruplex structures. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 540-551.	1.3	53
14	A close-up on doxorubicin binding to $\beta$ -cyclodextrin: an elucidating spectroscopic, photophysical and conformational study. <i>RSC Advances</i> , 2012, 2, 2346.	1.7	53
15	Click-on MOFs: A Versatile Tool for the Multimodal Derivatization of N <sub>3</sub> -Decorated Metal Organic Frameworks. <i>Chemistry of Materials</i> , 2013, 25, 2297-2308.	3.2	53
16	Calix[4]Arene Podands and Barrelands Incorporating 2,2'-Bipyridine Moieties and Their Lanthanide Complexes: Luminescence Properties. <i>Chemistry - A European Journal</i> , 1997, 3, 1815-1822.	1.7	52
17	Synthesis and Luminescence of Lanthanide Complexes of a Branched Macrocyclic Ligand Containing 2,2'-Bipyridine and 9-Methyl-1,10-phenanthroline Subunits. <i>Inorganic Chemistry</i> , 1994, 33, 955-959.	1.9	51
18	$\beta$ -Cyclodextrin polymer nanoparticles as carriers for doxorubicin and artemisinin: a spectroscopic and photophysical study. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 1285-1292.	1.6	51

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19	Chapter 154 Antenna effect in encapsulation complexes of lanthanide ions. <i>Fundamental Theories of Physics</i> , 1996, 23, 69-119.	0.1	46
20	An ESI-MS and NMR Study of the Self-Assembly of Guanosine Derivatives. <i>Helvetica Chimica Acta</i> , 2001, 84, 2096-2107.	1.0	46
21	A naphthalene diimide dyad for fluorescence switch-on detection of G-quadruplexes. <i>Chemical Communications</i> , 2015, 51, 9105-9108.	2.2	46
22	Revealing Phenylum, Phenonium, Vinylenphenonium, and Benzenium Ions in Solution. <i>Chemistry - A European Journal</i> , 2008, 14, 1029-1039.	1.7	45
23	Gaining an Insight into the Photoreactivity of a Drug in a Protein Environment: A Case Study on Nalidixic Acid and Serum Albumin. <i>Journal of Physical Chemistry B</i> , 2008, 112, 5742-5754.	1.2	44
24	Luminescent Eu <sup>3+</sup> and Tb <sup>3+</sup> Complexes of a Branched Macrocyclic Ligand Incorporating 2,2'-Bipyridine in the Macrocycle and Phosphinate Esters in the Side Arms. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 1501-1503.	4.4	43
25	Modeling the Photochemistry of the Reference Phototoxic Drug Lomefloxacin by Steady-State and Time-Resolved Experiments, and DFT and Post-HF Calculations. <i>Chemistry - A European Journal</i> , 2008, 14, 653-663.	1.7	43
26	2,2'-Bipyridine Lariat Calixcrowns: A New Class of Encapsulating Ligands Forming Highly Luminescent Eu <sup>3+</sup> and Tb <sup>3+</sup> Complexes. <i>Chemistry - A European Journal</i> , 2000, 6, 1026-1034.	1.7	42
27	Chiral recognition of 2-(3-benzoylphenyl)propionic acid (ketoprofen) by serum albumin: an investigation with microcalorimetry, circular dichroism and molecular modelling. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 9104.	1.3	39
28	Supramolecular photochemistry of drugs in biomolecular environments. <i>Chemical Society Reviews</i> , 2014, 43, 4051-4067.	18.7	37
29	Tetra-2,3-pyrazinoporphyrazines with Externally Appended Pyridine Rings. 9. Novel Heterobimetallic Macrocycles and Related Hydrosoluble Hexacations as Potentially Active Photo/Chemotherapeutic Anticancer Agents. <i>Inorganic Chemistry</i> , 2011, 50, 7391-7402.	1.9	36
30	Binding and photochemistry of enantiomeric 2-(3-benzoylphenyl)propionic acid (ketoprofen) in the human serum albumin environment. <i>Photochemical and Photobiological Sciences</i> , 2007, 6, 462-470.	1.6	34
31	Structure and properties of licochalcone A human serum albumin complexes in solution: a spectroscopic, photophysical and computational approach to understand drug-protein interaction. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 6597.	1.3	34
32	Pyrazinoporphyrazines with Externally Appended Pyridine Rings. 13. Structure, UV-Visible Spectral Features, and Noncovalent Interaction with DNA of a Positively Charged Binuclear (ZnII/PtII) Macrocycle with Multimodal Anticancer Potentialities. <i>Inorganic Chemistry</i> , 2013, 52, 321-328.	1.9	33
33	Graphene-organic hybrids as processable, tunable platforms for pH-dependent photoemission, obtained by a new modular approach. <i>Journal of Materials Chemistry</i> , 2012, 22, 18237.	6.7	30
34	A time-temperature integrator based on fluorescent and polymorphic compounds. <i>Scientific Reports</i> , 2013, 3, 2581.	1.6	30
35	Light-Tunable Generation of Singlet Oxygen and Nitric Oxide with a Bichromophoric Molecular Hybrid: a Bimodal Approach to Killing Cancer Cells. <i>ChemMedChem</i> , 2016, 11, 1371-1379.	1.6	30
36	Aryl Cation and Carbene Intermediates in the Photodehalogenation of Chlorophenols. <i>Chemistry - A European Journal</i> , 2005, 11, 140-151.	1.7	29

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37	Combination of spectroscopic and computational methods to get an understanding of supramolecular chemistry of drugs: from simple host systems to biomolecules. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 20893.	1.3	29
38	Synthesis of calix[4]arene receptors incorporating (2,2'-bipyridin-6-yl)methyl and (9-methyl-1,10-phenanthrolin-2-yl)methyl chromophores and luminescence of their Eu <sup>3+</sup> and Tb <sup>3+</sup> complexes. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1996, , 395-399.	0.9	28
39	Inter- and Intramolecular Photochemical Reactions of Fleroxacin. <i>Organic Letters</i> , 2009, 11, 1875-1878.	2.4	28
40	Complexes of the antitumoral drugs Doxorubicin and Sabarubicin with telomeric G-quadruplex in basket conformation: ground and excited state properties. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1326-1337.	1.6	28
41	A cationic Zn <sup>II</sup> porphyrazine induces a stable parallel G-quadruplex conformation in human telomeric DNA. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 684-688.	1.5	28
42	Luminescence of Eu <sup>3+</sup> and Tb <sup>3+</sup> complexes of new macrobicyclic ligands derived from p-tert-butylcalix[4]arene. <i>Inorganica Chimica Acta</i> , 1996, 252, 19-24.	1.2	26
43	Diastereoselectivity and Site Dependency in the Photochemistry of Ketoprofen in the Bovine Serum Albumin Matrix. <i>Photochemistry and Photobiology</i> , 2006, 82, 13.	1.3	26
44	Cyclodextrin-based nanocarriers containing a synergic drug combination: A potential formulation for pulmonary administration of antitubercular drugs. <i>International Journal of Pharmaceutics</i> , 2017, 531, 577-587.	2.6	26
45	Chemical design enables the control of conformational polymorphism in functional 2,3-thieno(bis)imide-ended materials. <i>Chemical Communications</i> , 2015, 51, 2033-2035.	2.2	25
46	A bimodal fluorescent and photocytotoxic naphthalene diimide for theranostic applications. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 7238-7249.	1.5	25
47	Dual luminescence in solid Cu(piperazine): hypothesis of an emissive 1-D delocalized excited state. <i>Dalton Transactions</i> , 2015, 44, 13003-13006.	1.6	24
48	Tetra-2,3-pyrazinoporphyrazines with Externally Appended Pyridine Rings. 10. A Water-Soluble Bimetallic (Zn <sup>II</sup> /Pt <sup>II</sup> ) Porphyrazine Hexacation as Potential Plurimodal Agent for Cancer Therapy: Exploring the Behavior as Ligand of Telomeric DNA G-Quadruplex Structures. <i>Inorganic Chemistry</i> , 2011, 50, 7403-7411.	1.9	23
49	Facile tuning from blue to white emission in silica nanoparticles doped with oligothiophene fluorophores. <i>Journal of Materials Chemistry</i> , 2010, 20, 9903.	6.7	21
50	Direct Irradiation of Aryl Sulfides: Homolytic Fragmentation and Sensitized S-Oxidation. <i>Journal of Organic Chemistry</i> , 2017, 82, 9054-9065.	1.7	20
51	The Photochemistry of 4-Chlorophenol in Water Revisited: The Effect of Cyclodextrins on Cation and Carbene Reactions. <i>Chemistry - A European Journal</i> , 2005, 11, 4274-4282.	1.7	19
52	Optical properties of hybrid T3Pyr/SiO <sub>2</sub> /3C-SiC nanowires. <i>Nanoscale Research Letters</i> , 2012, 7, 680.	3.1	19
53	Widening the Therapeutic Perspectives of Clofazimine by Its Loading in Sulfobutylether β-Cyclodextrin Nanocarriers: Nanomolar IC <sub>50</sub> Values against MDR <i>S. epidermidis</i> . <i>Molecular Pharmaceutics</i> , 2018, 15, 3823-3836.	2.3	19
54	Stereoselective interaction of ketoprofen enantiomers with β-cyclodextrin: ground state binding and photochemistry. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 48-59.	1.6	18

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55	Polymer nanoparticles with electrostatically loaded multicargo for combined cancer phototherapy. <i>Journal of Materials Chemistry B</i> , 2015, 3, 3001-3010.	2.9	18
56	Efficient loading of ethionamide in cyclodextrin-based carriers offers enhanced solubility and inhibition of drug crystallization. <i>International Journal of Pharmaceutics</i> , 2017, 531, 568-576.	2.6	17
57	Licochalcone A bound to bovine serum albumin: a spectroscopic, photophysical and structural study. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 805-813.	1.6	16
58	Synergic effect of unsaturated inner bridges and polymorphism for tuning the optoelectronic properties of 2,3-thieno(bis)imide based materials. <i>Journal of Materials Chemistry C</i> , 2015, 3, 121-131.	2.7	16
59	Synthesis and Photophysical Properties of Polyazacrown Ethers with Appended Naphthyl or Anthracenyl Units. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 2041-2046.	1.2	15
60	Self-assembly and electrical properties of a novel heptameric thiophene- <i>benzothiadiazole</i> based architectures. <i>Chemical Communications</i> , 2012, 48, 12162.	2.2	15
61	Photophysics and ex vivo biodistribution of $\beta$ -cyclodextrin-meso-tetra(m-hydroxyphenyl)porphyrin conjugate for biomedical applications. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 1185-1191.	1.6	15
62	Mesoporous silica particles as a lipophilic drug vehicle investigated by fluorescence lifetime imaging. <i>Journal of Materials Chemistry B</i> , 2017, 5, 3201-3211.	2.9	14
63	Dyads of G-Quadruplex Ligands Triggering DNA Damage Response and Tumour Cell Growth Inhibition at Subnanomolar Concentration. <i>Chemistry - A European Journal</i> , 2019, 25, 11085-11097.	1.7	14
64	Photocyclization of trans-1-(1-naphthyl)-2-(3-hydroxyphenyl)ethene: evidence for adiabatic trans $\rightarrow$ cis* photoisomerization. <i>Photochemical and Photobiological Sciences</i> , 2004, 3, 689-694.	1.6	13
65	Fluoroquinolones as potential photochemotherapeutic agents: covalent addition to guanosine monophosphate. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 3621.	1.5	13
66	The structure of the Shiga toxin 2a $\alpha$ -subunit dictates the interactions of the toxin with blood components. <i>Cellular Microbiology</i> , 2019, 21, e13000.	1.1	13
67	Ultrafast Electron Transfer in Complexes of Doxorubicin with Human Telomeric G-Quadruplexes and GC Duplexes Probed by Femtosecond Fluorescence Spectroscopy. <i>ChemPhysChem</i> , 2016, 17, 1264-1272.	1.0	11
68	Can mesoporous nanoparticles promote bioavailability of topical pharmaceuticals?. <i>International Journal of Pharmaceutics</i> , 2021, 602, 120609.	2.6	11
69	A Hetero-Bifunctional Spacer for the Smart Engineering of Carbon-Based Nanostructures. <i>ChemPlusChem</i> , 2015, 80, 704-714.	1.3	10
70	Metabolic activation triggered by cAMP in MCF-7 cells generates lethal vulnerability to combined oxamate/etomoxir. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 1177-1186.	1.1	10
71	Additive, modular functionalization of reactive self-assembled monolayers: toward the fabrication of multilevel optical storage media. <i>Nanoscale</i> , 2015, 7, 7184-7188.	2.8	9
72	Processable Thiophene-Based Polymers with Tailored Electronic Properties and their Application in Solid-State Electrochromic Devices Using Nanoparticle Films. <i>Advanced Electronic Materials</i> , 2021, 7, 2100166.	2.6	9

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73	Implementation of Water-Soluble Cyclodextrin-Based Polymers in Biomedical Applications: How Far Are We?. <i>Macromolecular Bioscience</i> , 2022, 22, e2200090.	2.1	9
74	Lanthanide Complexes of Encapsulating Ligands as Luminescent Devices. <i>Advances in Photochemistry</i> , 2007, , 213-278.	0.4	8
75	Zinc Coordination Polymers Containing the m-(2-thiazolyl)benzoic Acid Spacer: Synthesis, Characterization and Luminescent Properties in Aqueous Solutions. <i>ChemistrySelect</i> , 2016, 1, 1123-1131.	0.7	8
76	Targeting the Bacterial Membrane with a New Polycyclic Privileged Structure: A Powerful Tool To Face <i>Staphylococcus aureus</i> Infections. <i>ACS Infectious Diseases</i> , 2019, 5, 1524-1534.	1.8	8
77	Improved eradication efficacy of a combination of newly identified antimicrobial agents in <i>C. Albicans</i> and <i>S. Aureus</i> mixed-species biofilm. <i>Research in Microbiology</i> , 2021, 172, 103873.	1.0	8
78	Fluorescent cyclodextrin carriers for a water soluble Zn <sup>II</sup> pyrazinoporphyrazine octacation with photosensitizer potential. <i>RSC Advances</i> , 2014, 4, 26359-26367.	1.7	7
79	Control of polymorphism in thiophene derivatives by sublimation-aided nanostructuring. <i>Chemical Communications</i> , 2020, 56, 1689-1692.	2.2	7
80	Two Beats One: Osteosarcoma Therapy with Light-Activated and Chemo-Releasing Keratin Nanoformulation in a Preclinical Mouse Model. <i>Pharmaceutics</i> , 2022, 14, 677.	2.0	7
81	Photoisomerization and photohydration of 3-hydroxystyrylnaphthalenes. <i>Photochemical and Photobiological Sciences</i> , 2005, 4, 862.	1.6	6
82	A Fluorine 1,2-Migration via Aryl Cation/Radical/Radical Anion/Radical Sequence. <i>Organic Letters</i> , 2013, 15, 3926-3929.	2.4	5
83	Self-protective action in multicomponent fluorescent self-assembled monolayers. <i>RSC Advances</i> , 2016, 6, 17106-17109.	1.7	5
84	Rhodamine B hydrazide loaded polysulfone fabrics for Cu(II) detection: Morphological and optical properties. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48408.	1.3	5
85	Cellulose Acetate Fabrics Loaded with Rhodamine B Hydrazide for Optical Detection of Cu(II). <i>Molecules</i> , 2020, 25, 3751.	1.7	5
86	Rubbing induced reversible fluorescence switching in thiophene-based organic semiconductor films by mechanical amorphisation. <i>Journal of Materials Chemistry C</i> , 0, , .	2.7	5
87	Photochemical and structural properties of the cyclodextrin inclusion complexes of aryl-olefin bichromophores. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2005, 173, 349-357.	2.0	4
88	Lumineszierende Eu <sup>3+</sup> und Tb <sup>3+</sup> Komplexe eines verzweigten makrocyclischen Liganden mit 2,2-Bipyridineinheiten im Makrocyclus und Phosphinsäureestereinheiten in den Seitengruppen. <i>Angewandte Chemie</i> , 1994, 106, 1543-1546.	1.6	4
89	The Binding Pocket at the Interface of Multimeric Telomere G-quadruplexes: Myth or Reality?. <i>Chemistry - A European Journal</i> , 2021, 27, 11707-11720.	1.7	4
90	Immobilization of Perylene-3,4,9,10-Tetracarboxylic Dianhydride on Hollow Polysulfone Fibers: Primary Amine Coupling and Fluorescence Reporting. <i>ChemPlusChem</i> , 2019, 84, 1299-1304.	1.3	3

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91	Luminescent Probes. , 2001, , 583-597.		2
92	Photoactivity of New Octacationic Magnesium(II) and Zinc(II) Porphyrazines in a Water Solution and G-Quadruplex Binding Ability of Differently Sized Zinc(II) Porphyrazines. Inorganic Chemistry, 2017, 56, 12795-12808.	1.9	2
93	<title>Lanthanide complexes of cage-type ligands as luminescent labels in fluoroimmunoassays</title>. , 1995, , .		1
94	Combined wet lithography and fractional precipitation as a tool for fabrication of spatially controlled nanostructures of poly(3-hexylthiophene) ordered aggregates. Nanoscale, 2020, 12, 1432-1437.	2.8	0
95	Photoresponsive cyclodextrin nanosystems: design, structure and function. Photochemistry, 2015, , 226-269.	0.2	0