

# Noël Pinaud

## List of Publications by Year in descending order

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50  
papers

1,700  
citations

304743

22  
h-index

276875

41  
g-index

52  
all docs

52  
docs citations

52  
times ranked

2563  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recyclable Catalytic Dendrimer Nanoreactor for Part-Per-Million Cu <sup>I</sup> Catalysis of "Click" Chemistry in Water. <i>Journal of the American Chemical Society</i> , 2014, 136, 12092-12098.	13.7	219
2	Mutation of ribosomal protein RPS24 in Diamond-Blackfan anemia results in a ribosome biogenesis disorder. <i>Human Molecular Genetics</i> , 2008, 17, 1253-1263.	2.9	100
3	CO <sub>2</sub> in 1-Butyl-3-methylimidazolium Acetate. 2. NMR Investigation of Chemical Reactions. <i>Journal of Physical Chemistry A</i> , 2012, 116, 4890-4901.	2.5	100
4	NMR and molecular modeling of wine tannins binding to saliva proteins: revisiting astringency from molecular and colloidal prospects. <i>FASEB Journal</i> , 2010, 24, 4281-4290.	0.5	98
5	New ferrocenic pyrrolo[1,2-a]quinoxaline derivatives: Synthesis, and in vitro antimalarial activity " Part II. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 2310-2326.	5.5	98
6	On the spontaneous carboxylation of 1-butyl-3-methylimidazolium acetate by carbon dioxide. <i>Chemical Communications</i> , 2012, 48, 1245-1247.	4.1	94
7	Synthesis and biological evaluation of novel substituted pyrrolo[1,2-a]quinoxaline derivatives as inhibitors of the human protein kinase CK2. <i>European Journal of Medicinal Chemistry</i> , 2013, 65, 205-222.	5.5	83
8	Converting Potent Indeno[1,2-b]indole Inhibitors of Protein Kinase CK2 into Selective Inhibitors of the Breast Cancer Resistance Protein ABCG2. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 265-277.	6.4	61
9	Modeling Procyanidin Self-Association Processes and Understanding Their Micellar Organization: A Study by Diffusion NMR and Molecular Mechanics. <i>Langmuir</i> , 2008, 24, 11027-11035.	3.5	60
10	(Thio)Amidoindoles and (Thio)Amidobenzimidazoles: An Investigation of Their Hydrogen Bonding and Organocatalytic Properties in the Ring-Opening Polymerization of Lactide. <i>Chemistry - A European Journal</i> , 2010, 16, 4196-4205.	3.3	60
11	Molecular basis of Diamond Blackfan anemia: structure and function analysis of RPS19. <i>Nucleic Acids Research</i> , 2007, 35, 5913-5921.	14.5	56
12	Exploring TAR "RNA aptamer loop" loop interaction by X-ray crystallography, UV spectroscopy and surface plasmon resonance. <i>Nucleic Acids Research</i> , 2008, 36, 7146-7156.	14.5	54
13	Design, synthesis and biological evaluation of novel 4-alkapolyenylpyrrolo[1,2-a]quinoxalines as antileishmanial agents " Part III. <i>European Journal of Medicinal Chemistry</i> , 2014, 81, 378-393.	5.5	46
14	Structure-function analysis of hRPC62 provides insights into RNA polymerase III transcription initiation. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 352-358.	8.2	43
15	The structure of the CstF-77 homodimer provides insights into CstF assembly. <i>Nucleic Acids Research</i> , 2007, 35, 4515-4522.	14.5	42
16	Three phenylpropanoids from <i>Juniperus phoenicea</i> . <i>Phytochemistry</i> , 1997, 44, 1169-1173.	2.9	39
17	Living Ring-Opening Metathesis " Polymerization Synthesis and Redox-Sensing Properties of Norbornene Polymers and Copolymers Containing Ferrocenyl and Tetraethylene Glycol Groups. <i>Organometallics</i> , 2014, 33, 4323-4335.	2.3	39
18	Encapsulation of Docetaxel into PEGylated Gold Nanoparticles for Vectorization to Cancer Cells. <i>ChemMedChem</i> , 2011, 6, 2003-2008.	3.2	37

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19	Synthesis and evaluation of the cytotoxic activity of novel ethyl 4-[4-(4-substitutedpiperidin-1-yl)]benzyl-phenylpyrrolo[1,2-a]quinoxaline-carboxylate derivatives in myeloid and lymphoid leukemia cell lines. <i>European Journal of Medicinal Chemistry</i> , 2016, 113, 214-227.	5.5	37
20	Click™ Synthesis and Redox Properties of Triazolyl Cobalticinium Dendrimers. <i>Inorganic Chemistry</i> , 2013, 52, 6685-6693.	4.0	33
21	Synthesis and Antiproliferative Effect of Ethyl 4-(4-substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (Piperidin-1-yl)benzyl-phenylpyrrolo[1,2-a]quinoxaline-carboxylate. <i>ChemMedChem</i> , 2017, 12, 940-953.	3.2	30
22	Synthesis, Biological Evaluation and Molecular Modeling of Substituted Indeno[1,2-b]indoles as Inhibitors of Human Protein Kinase CK2. <i>Pharmaceuticals</i> , 2015, 8, 279-302.	3.8	29
23	Understanding chemical reactions of CO <sub>2</sub> and its isoelectronic molecules with 1-butyl-3-methylimidazolium acetate by changing the nature of the cation: The case of CS <sub>2</sub> in 1-butyl-1-methylpyrrolidinium acetate studied by NMR spectroscopy and density functional theory calculations. <i>Journal of Chemical Physics</i> , 2014, 140, 244307.	3.0	22
24	Chelation-Assisted Cross-Coupling of Anilines through In Situ Activation as Diazonium Salts with Boronic Acids under Ligand-Free, Base-Free, and Salt-Free Conditions. <i>Chemistry - A European Journal</i> , 2013, 19, 9291-9296.	3.3	21
25	Towards a Molecular Interpretation of Astringency: Synthesis, 3D Structure, Colloidal State, and Human Saliva Protein Recognition of Procyanidins. <i>Planta Medica</i> , 2011, 77, 1116-1122.	1.3	19
26	Phenolic indeno[1,2-b]indoles as ABCG2-selective potent and non-toxic inhibitors stimulating basal ATPase activity. <i>Drug Design, Development and Therapy</i> , 2015, 9, 3481.	4.3	18
27	C <sub>3</sub> -triiodocyclootritylene as a key intermediate to fluorescent probes: application to selective choline recognition. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 8489.	2.8	17
28	On the chemical reactions of carbon dioxide isoelectronic molecules CS <sub>2</sub> and OCS with 1-butyl-3-methylimidazolium acetate. <i>Chemical Communications</i> , 2013, 49, 11083.	4.1	17
29	Synthesis and Redox Activity of Clicked-Triazolylbiferrocenyl Polymers, Network Encapsulation of Gold and Silver Nanoparticles and Anion Sensing. <i>Inorganic Chemistry</i> , 2015, 54, 2284-2299.	4.0	16
30	DFT Study of the Reaction Mechanisms of Carbon Dioxide and its Isoelectronic Molecules CS <sub>2</sub> and OCS Dissolved in Pyrrolidinium and Imidazolium Acetate Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2016, 120, 5243-5254.	2.6	15
31	Ferrocenyl Dendrimers with Ionic Tethers and Dendrons. <i>Organometallics</i> , 2013, 32, 6079-6090.	2.3	12
32	Colloidal behavior of wine galloylated tannins. <i>Comptes Rendus Chimie</i> , 2010, 13, 561-565.	0.5	10
33	New Quinoxaline Derivatives as Dual Pim-1/2 Kinase Inhibitors: Design, Synthesis and Biological Evaluation. <i>Molecules</i> , 2021, 26, 867.	3.8	10
34	Online <sup>1</sup> H-MRS measurements of time-varying lactate production in an animal model of glioma during administration of an anti-tumoral drug. <i>NMR in Biomedicine</i> , 2018, 31, e3861.	2.8	8
35	Isolation, characterization, and determination of a new compound in red wine. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 1201-1208.	3.7	7
36	Structural elucidation of two photolytic degradation products of tetrabenazine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 91, 138-143.	2.8	7

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37	In vivo online magnetic resonance quantification of absolute metabolite concentrations in microdialysate. <i>Scientific Reports</i> , 2016, 6, 36080.	3.3	6
38	Online Quantification of Lactate Concentration in Microdialysate During Cerebral Activation Using <sup>1</sup> H-MRS and Sensitive NMR Microcoil. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 89.	3.7	6
39	1-Phenyl-8-[[4-(pyrrolo[1,2-a]quinoxalin-4-yl)phenyl]methyl]-1,3,8-triazaspiro[4.5]decan-4-one: Synthesis, Crystal Structure and Anti-Leukemic Activity. <i>MolBank</i> , 2020, 2020, M1113.	0.5	6
40	Three-dimensional quantitative MRI of aerosolized gadolinium-based nanoparticles and contrast agents in isolated ventilated porcine lungs. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 1774-1782.	3.0	5
41	Proton MRS on sub-microliter volume in rat brain using implantable NMR microcoils. <i>NMR in Biomedicine</i> , 2021, 34, e4578.	2.8	4
42	<sup>1</sup> H and <sup>13</sup> C NMR assignments of bioactive indeno[1,2-b]indole-1-one derivatives. <i>Magnetic Resonance in Chemistry</i> , 2013, 51, 837-841.	1.9	3
43	Synthesis, Crystal Structure and Anti-leukemic Activity of 4-{4-[(4-(2-Oxo-2,3-dihydro-1H-benzimidazol-1-yl)piperidin-1-yl)benzyl]}-3-phenyl-3H-pyrrolo[2,3-c]quinoline. <i>Journal of Chemical Crystallography</i> , 2019, 49, 106-112.	1.1	3
44	&lt;p&gt;Nebulised Gadolinium-Based Nanoparticles for a Multimodal Approach: Quantitative and Qualitative Lung Distribution Using Magnetic Resonance and Scintigraphy Imaging in Isolated Ventilated Porcine Lungs&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 7251-7262.	6.7	3
45	Implantable NMR Microcoils in Rats: A New Tool for Exploring Tumor Metabolism at Sub-Microliter Scale?. <i>Metabolites</i> , 2021, 11, 176.	2.9	3
46	Synthesis, Crystal Structure and Anti-Leukemic Activity of 1,3-Dihydro-1-{1-[4-(4-phenylpyrrolo[1,2-a]quinoxalin-3-yl)benzyl]piperidin-4-yl}-2H-benzimidazol-2-one. <i>MolBank</i> , 2022, 2022, M1333.	0.5	3
47	Crystal Structure of 1-(3-Ferrocenyl-2-methylpyrrolo[1,2- <i>a</i> ]quinoxalin-4-yl)piperazin-4-ium Chloride. <i>X-ray Structure Analysis Online</i> , 2021, 37, 65-67.	0.2	1
48	tert-ButylN-{[5-(5-oxohexanamido)pyridin-2-yl]amino}carbamate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1531-o1532.	0.2	0
49	Structure of N-(3,4-Dimethoxyphenyl)pyrido[3,2-d:4,5'-thieno[3,2-d']pyrimidin-4-amine, a New Inhibitor of CLK1 and DYRK1A Kinases. <i>Journal of Crystallography</i> , 2013, 2013, 1-4.	0.0	0
50	Crystal Structure of 6,7-Dihydro-5a,7a,13,14-tetraaza-pentaphene-5,8-dione. <i>X-ray Structure Analysis Online</i> , 2019, 35, 57-59.	0.2	0