

# Pedro Serrano

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/573348/pedro-serrano-publications-by-year.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43  
papers

771  
citations

15  
h-index

26  
g-index

49  
ext. papers

858  
ext. citations

4.9  
avg, IF

3.38  
L-index

#	Paper	IF	Citations
43	Splicing Site Recognition by Synergy of Three Domains in Splicing Factor RBM10. <i>Biochemistry</i> , <b>2018</b> , 57, 1563-1567	3.2	5
42	Molecular interactions connecting the function of the serine-arginine-rich protein SRSF1 to protein phosphatase 1. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 16751-16760	5.4	13
41	Dynamic Local Polymorphisms in the Gbx1 Homeodomain Induced by DNA Binding. <i>Structure</i> , <b>2016</b> , 24, 1372-1379	5.2	0
40	Directional Phosphorylation and Nuclear Transport of the Splicing Factor SRSF1 Is Regulated by an RNA Recognition Motif. <i>Journal of Molecular Biology</i> , <b>2016</b> , 428, 2430-2445	6.5	22
39	The acidic domain is a unique structural feature of the splicing factor SYNCRIP. <i>Protein Science</i> , <b>2016</b> , 25, 1545-50	6.3	7
38	Dlx5 Homeodomain:DNA Complex: Structure, Binding and Effect of Mutations Related to Split Hand and Foot Malformation Syndrome. <i>Journal of Molecular Biology</i> , <b>2016</b> , 428, 1130-1141	6.5	8
37	Nuclear Magnetic Resonance Structure of a Novel Globular Domain in RBM10 Containing OCRE, the Octamer Repeat Sequence Motif. <i>Structure</i> , <b>2016</b> , 24, 158-164	5.2	12
36	NMR reveals structural rearrangements associated to substrate insertion in nucleotide-adding enzymes. <i>Protein Science</i> , <b>2016</b> , 25, 917-25	6.3	1
35	NMR in structural genomics to increase structural coverage of the protein universe: Delivered by Prof. Kurt Währich on 7 July 2013 at the 38th FEBS Congress in St. Petersburg, Russia. <i>FEBS Journal</i> , <b>2016</b> , 283, 3870-3881	5.7	5
34	UHM-ULM interactions in the RBM39-U2AF65 splicing-factor complex. <i>Acta Crystallographica Section D: Structural Biology</i> , <b>2016</b> , 72, 497-511	5.5	21
33	NMR structure determination of the protein NP_344798.1 as the first representative of Pfam PF06042. <i>Journal of Biomolecular NMR</i> , <b>2015</b> , 61, 83-7	3	4
32	J-UNIO protocol used for NMR structure determination of the 206-residue protein NP_346487.1 from <i>Streptococcus pneumoniae</i> TIGR4. <i>Journal of Biomolecular NMR</i> , <b>2015</b> , 61, 65-72	3	2
31	Cofactor-induced reversible folding of Flavodoxin-4 from <i>Lactobacillus acidophilus</i> . <i>Protein Science</i> , <b>2015</b> , 24, 1600-8	6.3	2
30	Non-Uniform Sampling and J-UNIO Automation for Efficient Protein NMR Structure Determination. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 12363-9	4.8	3
29	APSY-NMR for protein backbone assignment in high-throughput structural biology. <i>Journal of Biomolecular NMR</i> , <b>2015</b> , 61, 47-53	3	19
28	NMR structures of $\beta$ proteobacterial ATPase-regulating $\beta$ subunits. <i>Journal of Molecular Biology</i> , <b>2014</b> , 426, 2547-53	6.5	15
27	Structural representative of the protein family PF14466 has a new fold and establishes links with the C2 and PLAT domains from the widely distant Pfams PF00168 and PF01477. <i>Protein Science</i> , <b>2013</b> , 22, 1000-7	6.3	4

26	NMR-profiles of protein solutions. <i>Biopolymers</i> , <b>2013</b> , 99, 825-31	2.2	14
25	The J-UNIO protocol for automated protein structure determination by NMR in solution. <i>Journal of Biomolecular NMR</i> , <b>2012</b> , 53, 341-54	3	50
24	Micro-coil NMR to monitor optimization of the reconstitution conditions for the integral membrane protein OmpW in detergent micelles. <i>Journal of Biomolecular NMR</i> , <b>2012</b> , 54, 129-33	3	9
23	Translational diffusion measurements by microcoil NMR in aqueous solutions of the Fos-10 detergent-solubilized membrane protein OmpX. <i>Journal of Physical Chemistry B</i> , <b>2012</b> , 116, 6775-80	3-4	9
22	NMR structure of the Bordetella bronchiseptica protein NP_888769.1 establishes a new phage-related protein family PF13554. <i>Protein Science</i> , <b>2011</b> , 20, 1137-44	6.3	5
21	Development of non-peptide ligands of growth factor receptor-bound protein 2-SRC homology 2 domain using molecular modeling and NMR spectroscopy. <i>Journal of Medicinal Chemistry</i> , <b>2011</b> , 54, 1096-100	8.2	5
20	Sequential nearest-neighbor effects on computed <sup>13</sup> C <sub>α</sub> chemical shifts. <i>Journal of Biomolecular NMR</i> , <b>2010</b> , 48, 23-30	3	15
19	NMR structure of the protein NP_247299.1: comparison with the crystal structure. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , <b>2010</b> , 66, 1367-80		13
18	Comparison of NMR and crystal structures for the proteins TM1112 and TM1367. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , <b>2010</b> , 66, 1381-92		13
17	Comparison of NMR and crystal structures highlights conformational isomerism in protein active sites. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , <b>2010</b> , 66, 1393-405		18
16	Nuclear magnetic resonance structure of the nucleic acid-binding domain of severe acute respiratory syndrome coronavirus nonstructural protein 3. <i>Journal of Virology</i> , <b>2009</b> , 83, 12998-3008	6.6	54
15	Nuclear magnetic resonance structure shows that the severe acute respiratory syndrome coronavirus-unique domain contains a macrodomain fold. <i>Journal of Virology</i> , <b>2009</b> , 83, 1823-36	6.6	44
14	NMR characterization of membrane protein-detergent micelle solutions by use of microcoil equipment. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 18450-6	16.4	23
13	Proteomics analysis unravels the functional repertoire of coronavirus nonstructural protein 3. <i>Journal of Virology</i> , <b>2008</b> , 82, 5279-94	6.6	141
12	NMR assignment of the nonstructural protein nsp3(1066-1181) from SARS-CoV. <i>Biomolecular NMR Assignments</i> , <b>2008</b> , 2, 135-8	0.7	4
11	Parallel synthesis and yeast growth inhibition screening of succinamic acid libraries. <i>ACS Combinatorial Science</i> , <b>2007</b> , 9, 635-43		12
10	An unexpected access to 5-epi-cyclophellitol: a new cyclitol member. <i>Tetrahedron: Asymmetry</i> , <b>2007</b> , 18, 1971-1974		2
9	Combinatorial approach to N-substituted aminocyclitol libraries by solution-phase parallel synthesis and preliminary evaluation as glucocerebrosidase inhibitors. <i>ACS Combinatorial Science</i> , <b>2007</b> , 9, 43-52		21

8	NMR assignment of the domain 513-651 from the SARS-CoV nonstructural protein nsp3. <i>Biomolecular NMR Assignments</i> , <b>2007</b> , 1, 191-4	0.7	3
7	Nuclear magnetic resonance structure of the N-terminal domain of nonstructural protein 3 from the severe acute respiratory syndrome coronavirus. <i>Journal of Virology</i> , <b>2007</b> , 81, 12049-60	6.6	61
6	Regio- and Stereoselective Synthesis of Aminoinositols and 1,2-Diaminoinositols from Conduritol B Epoxide.. <i>Journal of Organic Chemistry</i> , <b>2006</b> , 71, 448-448	4.2	2
5	NMR assignment of the protein nsp3a from SARS-CoV. <i>Journal of Biomolecular NMR</i> , <b>2006</b> , 36 Suppl 1, 45	3	2
4	Regio- and stereoselective synthesis of aminoinositols and 1,2-diaminoinositols from conduritol B epoxide. <i>Journal of Organic Chemistry</i> , <b>2005</b> , 70, 7829-40	4.2	38
3	New aminocyclitols as modulators of glucosylceramide metabolism. <i>Organic and Biomolecular Chemistry</i> , <b>2005</b> , 3, 1195-201	3.9	30
2	On the regio- and stereoselective synthesis of aminocyclitols from cyclitol epoxides: the effect of Li as a chelating agent. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 4465-72	4.8	12
1	An unexpected chelation-controlled Yb(OTf) <sub>3</sub> -catalyzed aminolysis and azidolysis of cyclitol epoxides. <i>Journal of Organic Chemistry</i> , <b>2002</b> , 67, 7165-7	4.2	28